

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

COLUMBUS

July 1, 1970 to June 30, 1971

1970 - 1971

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JOHN G. KETTERER, Canton	October 18, 1963	May 13, 1971
ROBERT S. DORSEY, Cincinnati <sup>1</sup>	December 11, 1970	May 13, 1972
FREDERICK R. ECKLEY, Cleveland <sup>2</sup>	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
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

OFFICERS

JOHN G. KETTERER, *Chairman*  
EDWARD Q. MOULTON, *Secretary*  
GORDON B. CARSON, *Treasurer*

<sup>1</sup> Appointed to fill unexpired term of Frederick E. Jones, resigned June 22, 1970.

<sup>2</sup> Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND FIFTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 9, 1970

The Board of Trustees met at its regular monthly meeting on Thursday, July 9, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Jack G. Gibbs and M. Merle Harrod.

\* \* \*

Minutes of the last regular meeting (June 11, 1970) and the special meeting (June 19, 1970) were approved.

\* \* \*

July 9, 1970 meeting, Board of Trustees

Vice President Robinson presented the following recommendations on behalf of President Fawcett:

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred--Summer Quarter Commencement

Vice President Robinson recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 4, 1970, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix I, page 39.)

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Honorary Degrees

The Board of Trustees on February 12, 1970, approved twenty-three recipients for honorary degrees to be awarded during the Centennial Year. Through previous actions of this Board, fourteen of these recipients have already been so honored at this year's Winter and Spring Quarter Commencements.

Vice President Robinson recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals at the Summer Quarter Commencement on September 4, 1970:

Wilbur J. Cohen	Doctor of Humane Letters
Vincent G. Dethier	Doctor of Science
Frederick V. Hunt	Doctor of Science
Fritz Loewe	Doctor of Science
Mary E. Switzer	Doctor of Humane Letters

It was recommended further that individual presentations be made to the following persons upon their participation in Symposia being held on The Ohio State University campus during September and October, 1970:

Sir John McMichael	Doctor of Science
Sir Ronald Syme	Doctor of Letters
Roman Jakobson	Doctor of Humane Letters

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendations by unanimous voice vote.

C. Authorization for the Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, as Amended

In making an application for grant funds for expansion of the University's medical facilities under Title VII of the Public Health Service Act, as amended, this Board is required to approve the following resolution:

July 9, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Authorization for the Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, as Amended (continued)

This Board authorizes and directs that an application be filed with the Secretary of Health, Education and Welfare under Title VII of the Public Health Service Act, as amended, for a grant to support the expansion of the basic sciences and clinical education facilities of the College of Optometry.

The Board designates Novice G. Fawcett, President of The Ohio State University, as the person authorized to file this application and act as the representative of the University in all matters relating to this application and Gordon B. Carson, Vice President for Business and Finance, as the alternate.

And finally, the Board of Trustees of The Ohio State University is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant.

Vice President Robinson recommended that the foregoing resolution be adopted by the Board of Trustees.

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

D. Naming of Building

Upon the recommendation of the Dean of the College of Engineering, and with the concurrence of the President's Cabinet, it was recommended that the Systems Engineering Building at 1971 Neil Avenue be named to honor Dr. David F. Baker, late Chairman of the Department of Industrial Engineering, and that the Systems Engineering Building be referred to as "The David F. Baker Systems Engineering Building."

This recommendation is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Establishment of a Department of East Asian Languages and Literatures

The Faculty Council on June 2, 1970, approved the proposal from the Council on Academic Affairs that a Department of East Asian Languages and Literatures be established, effective July 1, 1970.

The Division of East Asian Languages and Literatures was established in 1961. Since that time the faculty has been increased to include areas of proficiency in linguistics, literature and history, in both Chinese and Japanese. The Division has enjoyed a steady increase in enrollment at the undergraduate level in both Chinese and Japanese.

July 9, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Establishment of a Department of East Asian Languages and Literatures (continued)

The need for further expansion of East Asian studies at The Ohio State University to a fuller program at the highest level of academic pursuit lies in the recognition of the importance of East Asia in today's world and the necessary attention to numerous problems arising from our contacts with the Asian countries, particularly China and Japan. The need also arises from an increasing appreciation of the richness of oriental culture. In addition, our national interests indicate a need for greater knowledge about China and the training of people with the highest possible level of such knowledge.

Vice President Robinson recommended that the Faculty Council's action with regard to the establishment of a Department of East Asian Languages and Literatures be approved.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

F. Proposal for the Establishment of a Doctor of Philosophy Program in Chinese Language and Literature

The Faculty Council on June 2, 1970, approved the proposal from the Council on Academic Affairs that a Doctor of Philosophy Program in Chinese Language and Literature be established.

The proposed doctoral program will enable students to pursue advanced studies beyond the master's degree level. This curriculum will offer the most advanced work in Chinese Language and Literature in this region. The necessary staff to accommodate this expansion is available. Library holdings are judged sufficient to initiate the program and additional acquisitions are planned.

Vice President Robinson recommended that the Faculty Council's action recommending the establishment of a Doctor of Philosophy program in Chinese Language and Literature be approved.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

G. Establishment of the Degree, Doctor of Musical Arts

The Faculty Council on June 9, 1970, approved the proposal from the Council on Academic Affairs for the establishment of the degree, Doctor of Musical Arts.

July 9, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Establishment of the Degree, Doctor of Musical Arts (continued)

The Doctor of Philosophy degree currently being offered in the School of Music is primarily directed toward scholarship in musicology, history, theory or educational subjects. The new degree, Doctor of Musical Arts, is being proposed for those individuals whose interests are directed toward being performers or teachers in an academic setting. The School of Music is now a center with a faculty possessing a high degree of versatility for studies and performance in the musical arts. The music holdings of the University Library are more than sufficient to support the proposed Doctor of Musical Arts degree curriculum.

Vice President Robinson recommended that the action of the Faculty Council be approved, Pursuant to Section 3333.04 of the Revised Code of Ohio, it was recommended further that this proposal be forwarded to the Board of Regents for approval; and, subject to this approval that this action become effective Autumn Quarter, 1970.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendations by unanimous voice vote.

H. Motor Vehicle, Traffic, Parking and Watercraft Regulations Affecting the Columbus and Branch Campuses

WHEREAS, the Board of Trustees on June 10, 1965 established the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University"; on September 8, 1966 adopted an amendment extending said Regulations to the branch campuses of The Ohio State University; on July 13, 1967 approved regulations for control of watercraft; and duly filed these resolutions and "Motor Vehicle Traffic, Parking and Watercraft Regulations of The Ohio State University" with the Secretary of State of Ohio;

NOW BE IT RESOLVED, that the "Motor Vehicle, Traffic, Parking and Watercraft Regulations" be amended as identified in Exhibit A (filed with the official records of the Board of Trustees), and that they be adopted as the regulations by the Board of Trustees of The Ohio State University, effective September 1, 1970; and

BE IT FURTHER RESOLVED that the Secretary of the Board of Trustees of The Ohio State University is hereby authorized and directed to file this resolution and the amended "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" with the Secretary of State of Ohio and to do and file such other further papers and documents as may be necessary and proper to comply with Ohio Revised Code, Section 111.15, and to make these regulations binding and in force according to law.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above resolution was adopted by unanimous roll call vote.

\*

\*

\*

July 9, 1970 meeting, Board of Trustees

## II. PERSONNEL CHANGES

Vice President Robinson recommended that all personnel changes since the June 11, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions, Appointment and Leaves of Absence Without Salary:

### A. Promotions

George W. Baughman from Director of Administrative Research to Director of University Budget and Director of Administrative Research and Systems, effective July 1, 1970, at a salary of \$26,448.00 per annum.

Laurence C. Gerckens from Professor in the School of Architecture to Professor and Director of the School of Architecture, effective July 1, 1970, at a salary of \$24,048.00 per annum.

### B. Appointment

James S. Biddle, Director, The Ohio State University - Lima Campus, effective July 6, 1970, at a salary of \$19,848.00 per annum.

### C. Leaves of Absence Without Salary

Raymond A. Bailey, Professor, Department of Agricultural Economics and Rural Sociology, effective June 15, 1970 through August 14, 1970, to serve as a consultant for the International Bank for Reconstruction and Development in Argentina.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective July 1, 1970 through June 30, 1971, to serve as a consultant to the Ford Foundation program at Punjab Agricultural University, Ludhiana, Punjab, India.

Donald K. Dougall, Associate Professor, College of Biological Sciences - Microbial and Cellular Biology, effective July 1, 1970 through August 15, 1970, to conduct research in England.

Richard H. Minear, Associate Professor, Department of History, effective January 1, 1971 through September 30, 1971, to accept a Fulbright grant in Europe.

July 9, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Ron K. H. Adler, Assistant Professor, Department of Geodetic Science, effective July 1, 1970 through September 30, 1970, to continue work on advanced degree in geodetic science.

Mary S. Breese, Assistant Professor, School of Allied Medical Professions, effective July 1, 1970 through August 31, 1970, for personal reasons.

Kunio Okuda, Assistant Professor, Department of East Asian Languages and Literatures, effective October 1, 1970 through September 30, 1971, for personal reasons.

Benjamin N. Wise, Assistant Professor, College of Biological Sciences - Microbial and Cellular Biology, effective July 1, 1970 through August 31, 1970, to teach at Indiana University.

Robert A. Buerki, Instructor, College of Pharmacy, effective July 1, 1970 through September 15, 1970, to continue work on his Ph. D. degree.

Sharon K. Myers, Instructor (County Extension Agent, Home Economics) Hocking County, Cooperative Extension Service, effective July 1, 1970 through September 30, 1970, for personal reasons.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Promotions, Appointment, Leaves of Absence Without Salary and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
May 23, 1970 - June 19, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	17	\$2,167,242.00
<u>Grants</u>		
Government Research - Federal	29	1,483,356.00
Industrial and Other Research	<u>4</u>	<u>46,419.00</u>
Totals	50	\$3,697,017.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, Vice President Robinson recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #8 - Department of Veterinary Pathology).  
Gross Value - \$137,000.00.
- b. U. S. Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as Project No. 2622 - Mod. #P009 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Health Services and Mental Health Administration, Division of Regional Medical Programs, Arlington, Virginia, Prepare Educational Specialists for the Health Professions (to be known as Project No. 2678 - Mod. #6 - College of Education and Department of Medicine).  
Gross Value - \$74,204.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Project No. 2726 - Mod. #P002 - Department of Metallurgical Engineering).  
Gross Value - \$22,694.00.
- e. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P0004 - Department of Electrical Engineering).  
Gross Value - \$66,330.00.
- f. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P0005 - Department of Electrical Engineering).  
Gross Value - \$80,000.00.
- g. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Stress Corrosion Cracking of Fe-Cr-Ni-Alloys in Caustic Environments (to be known as Project No. 2765 - Mod. #1 - Department of Metallurgical Engineering).  
Gross Value - \$68,000.00.
- h. Department of Transportation, Federal Highway Administration, Washington, D. C., Medical-Engineering Highway Crash Investigation Team (to be known as Project No. 2852 - Mod. #2 - Department of Physiology).  
Gross Value - \$64,393.00.
- i. Naval Regional Procurement Office (ARPA), U. S. Navy Base, Philadelphia, Pennsylvania, Development of a Method to Produce Pictures with Acoustic Energy (to be known as Project No. 2976 - Mod. #P002 and Mod. #P003 - Department of Welding Engineering).  
Gross Value - \$16,975.00.
- j. National Aeronautics and Space Administration, Langley Research Center, Langley Station, Hampton, Virginia, Study Program for Low Noise "S" Band Radiometer Antenna Development (to be known as Project No. 3033-A1 - New - Department of Electrical Engineering).  
Gross Value - \$96,999.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- k. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior of National Samples of Men (45-59), Women (30-44), and Male and Female Youth (14-24) (to be known as Project No. 3038-A1 - New - Center for Human Resource Research).  
Gross Value - \$211,037.00.
- l. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Work Schedule - AFIT - School of Systems and Logistics (to be known as Project No. 3045-A1 - New - College of Administrative Science, Division of Continuing Education, Defense Management Center).  
Gross Value - \$794,000.00.
- m. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Work Schedule - AFIT - Civil Engineering School (to be known as Project No. 3045-B1 - New - College of Administrative Science, Division of Continuing Education, Defense Management Center).  
Gross Value - \$25,685.00.
- n. Department of Army, Defense Supply Service - Washington, Washington, D. C., Cytological Studies (to be known as Project No. 3046-A1 - New - Department of Pathology).  
Gross Value - \$333,681.00.
- o. Naval Regional Procurement Office, U. S. Navy Base, Philadelphia, Pennsylvania, A Study to Optimize the Parameters of Welding Techniques for the Navy Extended Electrode Technique (NEET) for Welding Ship Structures (to be known as Project No. 3047-A1 - New - Department of Welding Engineering).  
Gross Value - \$17,000.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland, A Multivariate Study of the Career Developments of Potential Health Professionals (to be known as Project No. 3051-A1 - New - College of Medicine, Administration).  
Gross Value - \$20,000.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- q. Department of Labor, Manpower Administration, Washington, D. C., Analysis of Characteristics of Potential Recipients of Family Assistance Through Use of Longitudinal Survey Data (to be known as Project No. 3061-A1 - New - Center for Human Resource Research).  
Gross Value - \$109,244.00.

TOTAL - Government Research Contracts - Federal \$2,167,242.00

2. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute for Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as Project No. 1172-J - Ext. #9 - College of Biological Sciences, Biochemistry and Molecular Biology).  
Gross Value - \$12,881.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissue (to be known as Project No. 1571-F - Ext. #6 - College of Biological Sciences, Biochemistry and Molecular Biology).  
Gross Value - \$27,335.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anticancer Substances from Plants (to be known as Project No. 1967-E - Ext. #5 - College of Pharmacy).  
Gross Value - \$31,229.00.
- d. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Washington, D. C., Hydrophilic Colloid Interactions in Milk Systems (to be known as Project No. 2037-E - Ext. #5 - Department of Dairy Technology).  
Gross Value - \$22,292.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biology of the Heart (to be known as Project No. 2058-E - Ext. #5 - Department of Medicine).  
Gross Value - \$173,218.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Government Research Grants - Federal (continued)

- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Acid Hydralases in Brain and Pathological States (to be known as Project No. 2069-E - Ext. #5 - Department of Medicine).  
Gross Value - \$24,804.00.
- g. National Science Foundation, Washington, D. C., Computer and Information Science Research Center (to be known as Project No. 2218 - Amend. #3 - Department of Computer and Information Science).  
Gross Value - \$376,000.00.
- h. National Aeronautics and Space Administration, Washington, D. C., Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #3 - Department of Electrical Engineering).  
Gross Value - \$25,000.00.
- i. Department of Air Force, Air Force Office of Scientific Research, OAR, Arlington, Virginia, Statistics and Probability Applied to System Effectiveness Evaluation (to be known as Project No. 2428 - Mod. AFOSR-67-1305-A - Department of Mathematics).  
Gross Value - \$27,087.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Control of Thyroid Intermediary Metabolism (to be known as Project No. 2445-C - Ext. #3 - College of Biological Sciences, Biochemistry).  
Gross Value - \$18,710.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Center for Health Services, Arlington, Virginia, Self-Medication and Community Health (to be known as Project No. 2448-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$25,694.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Pulmonary Physiology in Infection with Mycoplasmas (to be known as Project No. 2664-B - Ext. #2 - Department of Medical Microbiology).  
Gross Value - \$27,051.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Government Research Grants - Federal (continued)

- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Psychophysiology and Psychosomatic Medicine in the USSR (to be known as Project No. 2670-B - Ext. #2 - Department of Psychiatry).  
Gross Value - \$25,996.00.
- n. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Benefits-to-Risks Ratio in Drug Choice by Physicians (to be known as Project No. 2672-A - Sup. #1 - College of Pharmacy).  
Gross Value - \$1,436.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Proximal Tubular Transport in Edematous States (to be known as Project No. 2831-A - Ext. #1 - Department of Medicine).  
Gross Value - \$21,293.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Advisory Council of Education for the Health Professions, Bethesda, Maryland, Computer-Assisted-Independent Study (to be known as Project No. 2835-A - Ext. #1 - Department of Medicine).  
Gross Value - \$311,195.00.
- q. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Washington, D. C., Antimicrobial Properties of Bovine Milk Serum (to be known as Project No. 2877-A - Ext. #1 - Department of Dairy Technology).  
Gross Value - \$18,157.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Individual Differences in Psychogenic Responses (to be known as Project No. 3024-A1 - New - Department of Psychiatry).  
Gross Value - \$42,076.00.
- s. National Science Foundation, Washington, D. C., Initial Opinion and Response to Persuasion (to be known as Project No. 3041-A1 - New - Department of Psychology).  
Gross Value - \$45,400.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Government Research Grants - Federal (continued)

- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosematosis (to be known as Project No. 3042-A1 - New - Department of Veterinary Pathology).  
Gross Value - \$27,235.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A1 - New - College of Biological Sciences, Biophysics).  
Gross Value - \$8,827.00.
- v. National Science Foundation, Washington, D. C., Early German Medical and Chemical Works (to be known as Project No. 3049-A1 - New - Departments of German and Chemistry).  
Gross Value - \$16,800.00.
- w. National Aeronautics and Space Administration, Washington, D. C., Quantitative Determination of Optical Imperfections by Mathematical Analysis of the Foucault Knife-Edge Test Pattern (to be known as Project No. 3050-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,431.00.
- x. National Science Foundation, Washington, D. C., The Hasse-Witt Matrix of an Algebraic Curve (to be known as Project No. 3052-A1 - New - Department of Mathematics).  
Gross Value - \$11,000.00.
- y. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland, Biomedical Sciences Support Grant (to be known as Project No. 3053-A1 - New - Office of Research and Sponsored Programs).  
Gross Value - \$69,474.00.
- z. National Science Foundation, Washington, D. C., Spin Resonance in Metals (to be known as Project No. 3056-A1 - New - Department of Physics).  
Gross Value - \$55,000.00.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Government Research Grants - Federal (continued)

- aa. National Science Foundation, Washington, D. C., Mathematical Crystallography of 4-Dimensional Space (to be known as Project No. 3057-A1 - New - Department of Mathematics).  
Gross Value - \$13,800.00.
- bb. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as Project No. 3058-A1 - New - Department of Psychology).  
Gross Value - \$7,225.00.
- cc. U. S. Department of Labor, Manpower Administration, Washington, D. C., Descriptive Survey of Part-Time Employment in Food Services in Ohio (to be known as Project No. 3060-A1 - New - School of Home Economics).  
Gross Value - \$10,710.00.

TOTAL - Government Research Grants - Federal \$1,483,356.00

3. Industrial and Other Research Grants

- a. American Heart Association, Inc., New York, New York, Permeability of Heart Mitochondria (to be known as Project No. 2847-A - Ext. #1 - Department of Physiological Chemistry).  
Gross Value - \$13,200.00.
- b. American Heart Association, Inc., New York, New York, Studies of Sickle Hemoglobin (to be known as Project No. 2868-A - Ext. #1 - Department of Medicine).  
Gross Value - \$12,100.00.
- c. Alfred P. Sloan Research Foundation, New York, New York, Alfred P. Sloan Research Fellowship for Dr. Raphael D. Levine in Chemistry (to be known as Project No. 3043-A1 - New - Department of Chemistry).  
Gross Value - \$16,100.00.
- d. Greater Cleveland Associated Foundation, Cleveland, Ohio, Local Distribution of State Income Tax Revenue (to be known as Project No. 3044-A1 - New - Center for Business and Economic Research).  
Gross Value - \$5,019.00.

TOTAL - Industrial and Other Research Grants \$46,419.00

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.

July 9, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

	No. of Projects	Gross Value
Industrial Research Contract	1	\$1,500.00

During the period from May 26, 1970 through June 19, 1970, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Industrial Research Contract

EES 310X	Weldability of Timken High Strength Steels, Timken
Ext. #3	Roller Bearing Company, Canton, Ohio.
	Gross Value - \$1,500.00.

\*

\*

\*

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 11, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$1,996,650.00
Received Through The Ohio State University Development Fund	65,123.23

A. Administered Through the Office of Business and Finance

1. \$384,116.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "National Program in Educational Leadership," under the direction of the College of Education, for the period June 1, 1970 through June 30, 1971. (Grant No. OEG 0-70-2108)
2. \$229,430.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Department of Psychology, for the period June 11, 1970 through August 31, 1971. (Grant No. OEG 0-70-4214)
3. \$222,256.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Special Project Grant," under the direction of the College of Pharmacy, for the period July 1, 1970 through June 30, 1972. (Grant No. 1 D08 ME 05014-01)

July 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

4. \$160,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading/Language Arts," under the direction of the College of Education, for the period April 3, 1970 through May 30, 1970. (Grant No. OEG-0-70-2057)
5. \$103,140.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH08458-07)
6. \$99,930.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric - Mental Health Nursing," under the direction of the School of Nursing, for the period July 1, 1970 through June 30, 1971. (Grant No. 1 T01 MH12394-01)
7. \$95,099.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Community Services Administration, Washington, D. C., to the University for Child Welfare Training Grant, under the direction of the School of Social Work, for the period July 1, 1970 through June 30, 1971. (Grant No. 70-45)
8. \$88,830.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Occupational Health - Training Grant," under the direction of the Department of Preventive Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 EC00018-08)
9. \$66,146.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH05061-24)
10. \$61,710.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 D06 DH05044-09)
11. \$60,701.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology - Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 EY00036-06)

July 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

12. \$58,423.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Preparation for Leadership Positions in Child Health Services," under the direction of the School of Nursing, for the period June 1, 1970 through May 31, 1971. (Grant No. 1 D10 NU 00429-01)
13. \$45,049.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T02 MH05924-20)
14. \$39,936.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work - Training Grant," under the direction of the School of Social Work, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH06530-14)
15. \$39,071.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatric Nursing - Training Grant," under the direction of the School of Nursing, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T02 MH06375-14)
16. \$31,742.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "Professional Institute for Prospective Teachers of Industrial Arts Education," under the direction of the College of Education.
17. \$29,805.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Biosynthesis of Neurohypophyseal Hormones," for a Development Award-Research Career Program, under the direction of the Department of Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 K03 AM11319-03)
18. \$27,713.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," for a Development Award-Research Career Program, under the direction of the Department of Physics, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 K03 GM21946-07)
19. \$26,613.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Chemistry - Training Grant," under the direction of Department of Pathology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 GM01805-03)

July 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

20. \$24,763.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Taxonomic Study of Cariogenic Bacteria," for a Development Award-Research Career Program, under the direction of the College of Dentistry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 K03 DE34363-04)
21. \$24,640.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Electropharmacological Control of Cardiac Function," for a Development Award-Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 K03 HE11929-07)
22. \$24,312.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Community Organization - Training Grant," under the direction of the School of Social Work, for the period July 1, 1970 through June 30, 1971. (Grant No. 2 T01 MH10789-04)
23. \$18,480.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 3 T01 NS05585-03S2)
24. \$16,070.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Accident Prevention (Transportation Safety)," under the direction of the Department of Industrial Engineering, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 EC00003-05)
25. \$4,500.00 granted by State Library of Ohio, Columbus, Ohio, to the University for the development of a reference network of major art research libraries in Ohio, located in state universities, public libraries and museums, for the period October 1, 1970 through September 30, 1971.
26. \$4,415.00 additional grant by Ohio Board of Regents, Columbus, Ohio, to the University for "An Urban Extension Program for Central Ohio," under the direction of the Division of Continuing Education. (Project No. 70-944-015)
27. \$4,249.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry Child - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH11296-03)

July 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

28. \$2,858.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "College Library Resources Program," under the direction of The Ohio State University Library, Marion Campus, for the period April 30, 1970 through June 30, 1971. (Grant No. OEG-0-70-6404)
29. \$2,653.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "College Library Resources Program," under the direction of The Ohio State University Library, Newark Campus, for the period April 30, 1970 through June 30, 1971. (Grant No. OEG-0-70-6405)

TOTAL - Administered Through the Office of Business and Finance  
\$1,996,650.00

B. Received Through The Ohio State University Development Fund

1. \$10,000.00 from The Bremer Foundation, (In the name of Mrs. Marie R. Bremer), Youngstown, Ohio, for the Bremer Foundation in the College of Medicine.
2. \$10,000.00 from Union Carbide Corporation, Marietta, Ohio-- \$5,000.00 for the Union Carbide Corporation Fellowship and Grant-in-Aid for Chemistry and \$5,000.00 for the Union Carbide Corporation Fund for Metallurgical Engineering.
3. \$9,000.00 from Rohm and Haas Company, Philadelphia, Pennsylvania-- \$5,000.00 for the Rohm and Haas Company Fund in Chemistry, \$3,000.00 for the Rohm and Haas Chemical Engineering Fund and \$1,000.00 for the Department of Chemical Engineering Rohm and Haas Company Scholarship.
4. \$5,212.63 from the Estate of Walter Scott for the Walter Scott Memorial Scholarship Fund.
5. \$5,000.00 from Abbott Laboratories, North Chicago, Illinois, for the Abbott Laboratories Antibiotics Research Fund.
6. \$4,500.00 from the Friends of the College, Lima, Ohio, to be used as loans to students and to purchase library materials as deemed necessary by the Director of the Lima Campus.
7. \$4,335.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
8. \$4,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.

July 9, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

9. \$3,000.00 from the Link Foundation for the Link Foundation Fund for Aviation Medicine.
10. \$2,273.00 from Everett D. Reese--\$2,000.00 for the Aesthetic Detail Fund and \$273.00 for the Presidents Club Special Fund.
11. \$1,650.00 from Dr. James W. Kilman for the Thoracic Surgery Support Fund.
12. \$1,615.00 from Dr. David Yashon for the Harry E. LeFever Fund for Education in Neurological Surgery.
13. \$1,537.60 from Dr. John E. Jesseph for the General Surgery Fund for the College of Medicine.
14. \$1,000.00 from Dr. Rudolph Edse for the Presidents Club Special Fund.
15. \$1,000.00 from the Charles Y. and Frances N. Lazarus Family Foundation, (In the name of Mrs. Charles Y. Lazarus), as an undesignated gift to the University.
16. \$1,000.00 from Dr. Robert B. O'Dair for the Ophthalmologic Center Fund.

TOTAL - Received Through The Ohio State University Development Fund -  
\$65,123.23

Upon motion of Mr. Safford, seconded by Mr. Harrod, the acceptance of the foregoing grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In May, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,945	\$ 46,459.78
Individuals other than alumni	164	26,985.58
Business concerns	52	65,087.83
Nonprofit organizations	44	26,467.49
	<u>3,205</u>	<u>\$165,000.68</u>

Of these gifts, 2,281 totaling \$27,366.53 were undesignated and 924 totaling \$137,634.15 were designated.

\*

\*

\*

July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

Vice President Robinson reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 149999, University Treasurer General Fund.

Administrative expenses, costs of heat, light and power; and other indirect costs on Grants and Contracts of National Science Foundation; U. S. Department of Health, Education and Welfare; other Federal Agencies; State of Ohio; and corporation gifts for general University purposes for fiscal year 1969-70.

National Science Foundation

310076	Education	Schlessinger	\$ 5,865.08
310082	Economics	Fleisher	366.25
310083	Pharmacy	Malspeis	242.82
310087	Geology	Mayer	656.63
310088	Physics	Riley	593.39
310094	Geography	King	894.62
310095	Biology	Rudolph	1,849.72
310096	Geology	Spieker	1,044.82
310097	Mathematics	Riner	3,817.95
310098	Education	Voelker	2,059.82
310099	Engineering	Yarrington	2,058.63
310100	Mathematics	Brown	3,056.22
310102	Physics	Wigen	411.61
310104	Chemistry	Ouellette	1,220.66
			<hr/>
		Total National Science Foundation	\$ 24,138.22

U. S. Department of Health, Education and Welfare

320152	NIH - Entomology - Wharton	\$ 1,004.51
320203	NIH - Ophthalmology - Makley	3,728.36
320205	NIH - Medicine - Mengel	2,694.98
320206	NIH - Pharmacology - Marks	4,426.72
320207	NIH - Surgery - Zollinger	7,343.51
320209	NIH - Entomology - Wharton	2,870.10
320210	NIH - Otolaryngology - Saunders	8,312.71
320211	NIH - Pharmacology - Hollander	1,546.28
320212	NIH - Psychiatry - Gregory	2,816.83
320213	NIH - Medicine - Allen	4,636.65
320214	NIH - Pathology - Cerilli	8,678.62
320215	NIH - Medicine - Warren	5,974.99
320216	NIH - Medicine - Wooley	1,983.48
320217	NIH - Psychiatry - Gregory	5,047.02
320218	NIH - Surgery - Hunt	2,342.23
320219	NIH - Dentistry - Trippy	3,385.91
320220	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,351.92
320221	NIH - Nursing - King	2,071.89

July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

320222	NIH - Psychiatry - Gregory	\$ 3,840.00
320224	NIH - Psychology - Wickens	1,914.30
320225	NIH - Industrial Engineering - Rockwell	4,343.60
320227	NIH - School of Social Work - Medhurst	1,366.68
320228	NIH - Medicine - Skillman	3,538.13
320229	NIH - Medicine - Weissler	3,800.48
320230	NIH - Dentistry - Kolas	1,901.04
320231	NIH - Dentistry - Rosen	1,579.28
320232	NIH - Obstetrics and Gynecology - Ullery	2,741.60
320233	NIH - Psychiatry - Marks	1,115.14
320234	NIH - Veterinary Pathology - Cole	9,344.81
320236	NIH - Medicine - George	1,699.12
320237	NIH - Medical Microbiology - Kapral	2,082.12
320238	NIH - Pathology - Gruemer	355.17
320239	NIH - School of Social Work - Medhurst	2,404.77
320240	NIH - Pharmacy - LaPidus	142.13
320241	NIH - Preventive Medicine - Shillito	2,341.67
320242	NIH - School of Social Work - Medhurst	2,668.98
320243	NIH - Psychology - Meyer	1,521.10
320244	NIH - Psychology - Siegel	4,291.43
320245	NIH - Psychiatry - Coddington	522.71
320249	NIH - Psychology - Meyer	1,237.34
320255	NIH - Medical Microbiology - Bowman	1,546.75
320256	NIH - Veterinary Physiology and Pharmacology - Hamlin	2,042.19
320257	NIH - Medicine - Warren	1,998.43
320264	NIH - School of Social Work - Medhurst	144.00
330035	Children's Bureau - Psychology - Rie	1,589.94
330047	VRA - School of Allied Medical Professions - Locher	8.92
330057	Children's Bureau - Medicine - Gibson	15,410.28
330058	PHS - Preventive Medicine - Keller	4,723.14
330059	PHS - Surgery - Vasko	6,119.44
330062	Children's Bureau - School of Social Work - Medhurst	5,739.32
330063	PHS - Obstetrics and Gynecology - Ullery	840.00
330064	PHS - Nursing - King	808.29
330067	PHS - Nursing - King	863.16
330068	PHS - Medicine - Andrews	62,593.67
330069	PHS - Medicine - Gibson	4,633.28
330070	PHS - Speech - Moser	330.00
330071	PHS - Speech - Lustig	330.00
330073	VRA - Physical Medicine - Johnson	9,929.26
330074	VRA - Physical Medicine - Nagi	12,355.92
330075	VRA - Speech - Black	1,031.07
330076	VRA - Sociology - Nagi	1,234.39
330077	VRA - School of Allied Medical Professions - Locher	1,589.86

July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

330078	VRA - School of Allied Medical Professions - Woods	\$ 898.04
340032	OE - Education - Cook	42.96
340065	OE - Center for Vocational and Technical Education - Taylor	172,343.55
340069	OE - Education - Wigtil	18,167.39
340072	OE - Education - Cook	2,515.62
340078	OE - Education - Gibbony	1,627.19
340079	OE - Agricultural Education - Bender	416.07
340080	OE - Center for Vocational and Technical Education - McGivney	1,362.44
340081	OE - Center for Vocational and Technical Education - Miller	3,551.64
340091	OE - Center for Vocational and Technical Education - Taylor	2,972.05
340094	OE - Slavic Languages - Twarog	7,928.51
340096	OE - Education - Allen	5,193.44
340099	OE - Library - Braden	1,196.88
340100	OE - Center for Vocational and Technical Education - Vivian	1,945.44
340102	OE - Center for Vocational and Technical Education - Vivian	846.11
340111	OE - Center for Vocational and Technical Education - Miller	847.22
	Total U. S. Department of Health, Education and Welfare	<u>\$482,684.17</u>

U. S. Government - Other

390004	AID - Service Charges for Participants	\$ 4,266.00
	AID - Sierra Leone - Agriculture (Prior years)	(1,548.64)
390006	AID - India - Education	4,088.65
390014	AID - India - Engineering	1,603.96
390019	AID - Guinea - Administrative Science	3,937.98
390034	AID - India - Agriculture	11,731.00
390035	AID - India - Agriculture	14,447.86
390044	AID - Administrative Science - Hurley	1,001.11
390052	AID - Administrative Science - Hurley	970.20
390054	AID - University of Illinois (Subcontract)	1,258.85
390060	Wright Patterson Graduate Center	24,828.53
390061	NASA - Administrative Science - Hurley	303.81
390062	AID - Laos - Agriculture	810.12
390063	USDA - Veterinary Medicine	13,067.85
390064	NASA - Administrative Science - Hurley	114.17
	Total U. S. Government - Other	<u>\$ 80,881.45</u>

July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

Miscellaneous

410012	State Department of Education - Coon	\$	450.25
410017	Board of Regents - Clark		23.87
410030	State Department of Education - Jennings (Prior year)		(4.95)
410055	Board of Regents - Hoover		227.23
410081	State Department of Education - Hoffman		636.62
410084	B. U. C. O. - Education - Peters		74.00
531037	Continental Casualty Company		19,208.00
531113	Association of American Geographers		2,526.91
531134	Sloan Foundation - Chemistry - Gassman		294.82
531163	P. A. S. Malaysia - Agriculture		<u>2,430.00</u>
	Total Miscellaneous	\$	<u>25,866.75</u>
	Grand Total		<u>\$613,570.59</u>

B. Transfers to Plant Funds

Vice President Robinson reported for information and the record that during the fiscal year 1969-70, the following transfers were made from current funds to plant funds:

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Aeronautical and Astronautical			
Research Laboratory	801028	149993	\$ (588.74)
Airport Runway Extension	801032	149993	21,784.52
Center for Tomorrow	801035	149993	37,307.91
		149997	149,342.91
		159500	3,283.00
Service Center - Phase II	801059	911685	(5,417.89)
Student Health Center	801066	180008	3,000.00
River Union and Drama Facility	801083	149999	754,035.00
Wiseman Hall Incinerator	801085	960200	121.92
Aircraft Apron and Fire Crash Building	801089	149993	1.86
Stadium Dorm, Kitchen	801091	149993	(5,780.33)
Hamilton Hall Renovation	801094	960200	(1,039.08)
Land Purchases	801099	149996	2,000.00
		149997	57,500.00
		149999	130,000.00
		921300	126,000.00
Power Plant - Fuel Oil System	801103	149993	(11,296.28)
Oxley Hall Remodeling	801109	149993	(130.80)
Golf Course Club House	801118	999000	16,831.67
Physics Building - Room 60	801117	149993	(1,698.43)

July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Power Plant - Emergency Generator	801119	149993	\$ (3,959.07)
Military Science Building - Remodeling	801127	226314	52,002.53
Rightmire Hall (UVC No. 2)	801128	149997	44,000.00
The Dieter Cunz Hall of Languages	801129	149997	260,000.00
Ramseyer Hall	801134	149993	(725.45)
Power Plant - No. 5 Boiler	801136	149993	(10,474.63)
Derby Hall - Computer Facility	801158	149996	13,555.32
Plastic Greenhouses	801160	522459	4,405.00
Haskett Hall Remodeling	801168	149996	17,130.19
Systems Engineering Remodel- ing	801172	149993	41,875.00
		149997	102,125.00
Cockins Hall Remodeling	801181	149997	1,300.00
Service Building - Police	801185	134300	(1,701.30)
Starling Loving - Computer Facility	801196	960200	(100,000.00)
Pedestrian Bridge	801197	921300	21,000.00
Means Hall - Emergency Power Facility	801200	960200	(66,500.00)
Stadium Drive Improvement	801203	149997	58,480.00
		921300	10,500.00
Animal Science Building - Air Conditioning	801205	114863	1,186.00
		149997	76,000.00
Caldwell Laboratory Remodeling	801206	149997	52,050.00
Horticulture Building Remodeling	801207	149993	20,450.00
		149997	127,741.00
Welding Engineering Building Remodeling	801208	149997	651.00
Civil and Aeronautical Engi- neering Building Remodeling	801209	149993	5,180.00
University Hospital - Nursing Station	801210	960200	43,056.00
Olentangy Freeway Relocation	801211	124358	30,114.00
Sisson Hall Remodeling	801212	129290	(7,000.00)
		149997	142,068.00
University Hospital - Air Conditioning	801213	960200	133,900.00
Pedestrian Bridge - Parking	801214	921300	120,000.00
University Hospital - Air Conditioning	801215	960200	46,270.00

July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
University Hospital - Air Conditioning	801216	960200	\$ 4,000.00
University Hospital - Remodel Radiology Area	801218	960200	42,000.00
Administration Building	801223	149996	12,240.00
School of Nursing - Equipment	801244	149993	37,500.00
Hospital Capital Reserve	809998	960200	<u>(31,876.00)</u>
Total			<u>\$2,573,799.83</u>
*	*		*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, Vice President Robinson recommended that the plans and specifications, bills of materials and estimates of cost for the following project be approved by the Board of Trustees:

A. McCracken Power Plant - Removal of Coal and Ash Handling Equipment

With the conversion of all boilers in the Power Plant to gas and oil firing, there is no further need for the coal and ash handling systems. This project will provide for their removal.

Funds for this project have been provided from Item 315-074, Utilities and Renovation, H. B. 531.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contract. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:

July 9, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Means Hall - Ventilation Systems Improvements - Phase I

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u> (4 bids received 6-23-70)		
R. P. Alexander (Columbus)	\$43,480.00	\$ 81,840.00
<u>Electrical Contract</u> (2 bids received 6-23-70)		
Reco Electric, Inc. (Gahanna)	<u>18,827.00</u>	<u>27,522.00</u>
<u>Total Contracts</u>	<u>\$62,307.00</u>	<u>\$109,362.00</u>

Funds for this project have been provided by a transfer from Budget Account 809998 (Hospital Capital Reserve) to Budget Account 801224 (Air Conditioning Means Hall).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\*

\*

\*

VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

The Ohio State University Requests

- 22 Approves the purchase of property, 35.28 acres, Perry Township, Columbus School District, Franklin County, Ohio, for the College of Agriculture.
- 23 Authorizes the award of contracts to the low bidders for the project "Ohio Stadium - Artificial Turf."
- 24 Approves the release of \$79,200 from Item 315-074 "Utilities and Renovation," H. B. 531, for the project "McCracken Power Plant Fuel Oil Storage Addition."

Ohio Board of Regents Request

- 38 Approves the transfer and release of \$494,539 to Penta-County Technical Institute for equipment and \$5,461 to Lima Technical Building for equipment from Item 315-018 (Ohio State University, Lima Branch equipment and improvements), H. B. 531.

\*

\*

\*

July 9, 1970 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Cockins Hall Remodeling - Employment of Architects

Vice President Robinson recommended that Van Buren & Firestone, Architects, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

The fee for this service is to be negotiated based on the schedules of the Architect's Society of Ohio of the AIA for architectural fees.

Funds for this project have been allocated in Item 315-074, H. B. 531 (Utilities and Renovation).

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

X. RESOLUTION IN MEMORIAM

Vice President Robinson reported to the Board the death of Franklin W. Marquis, Professor Emeritus in the Department of Mechanical Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Franklin Wales Marquis

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 21, 1970, of Franklin W. Marquis, Professor Emeritus in the Department of Mechanical Engineering.

Professor Marquis was born in Bloomington, Illinois, on May 7, 1883. He attended the University of Illinois where he received the Bachelor of Mechanical Engineering degree in 1905 and accepted a position with the C. V. Kerr Turbine Company. Professor Marquis noted that at this time in the history of engineering it was often advisable not to discuss or admit to having a college degree if you wanted to obtain the job. However, his excellent academic record and pleasant personality helped him in obtaining the position as draftsman and designer of recording equipment. He was the third engineer hired by the Kerr Turbine Company. In 1907 he returned to the engineering department and the Engineering Experiment Station of the University of Illinois. He obtained the degree Mechanical Engineer from the University of Illinois in 1909, for his work which was concerned with the development and testing of the instrumented dynamometer railroad car.

July 9, 1970 meeting, Board of Trustees

X. RESOLUTION IN MEMORIAM (continued)

A. Franklin Wales Marquis (continued)

Professor Marquis joined the faculty of the Department of Mechanical Engineering at The Ohio State University in 1913, as Professor of Steam Engineering, where he introduced the first courses in steam turbines using textbooks which were written in German. From July of 1918 to August of 1919, he was on leave of absence from the University working as a Statistician and Assistant Manager of the Fuel Conservation Section of the U. S. Railroad Administration in Washington, D. C. Prior to assuming the duties as the Department Chairman of Mechanical Engineering in 1929, Professor Marquis established an excellent reputation as a teacher. He established a sizable consulting engineering activity to help keep his technical knowledge up to date in the rapidly advancing mechanical engineering field. After Professor Magruder's death in 1929, the report to the Trustees, from the University President, stated, "Professor Franklin W. Marquis has succeeded Professor Magruder as Chairman of this Department. He has been a Professor in the Department for a number of years and brings to the new post both the experience derived from long and successful teaching and the benefits that accrue from practical work from the industries. The Department is in good hands and may be expected to continue in a most progressive way." He guided the Department through the difficult times of the great depression during which he was forced to reduce the numbers of his staff and to reduce the wages of his colleagues on three different occasions. Professor Marquis served on the Industrial Commission of the State of Ohio as a member of the pressure piping commission. At the University he fought to reduce the teaching load and to increase the faculty consulting activities so that the faculty would keep up to date. During the Second World War he responded to the challenge as presented by Dean McQuigg and accepted a position as Principal Specialist in Engineering Administration with the Engineering Science and Management War Training Program of the U. S. Office of Education in Washington, D. C. He retired from the Department and was named Professor Emeritus in 1953.

Professor Marquis was named a Fellow in the ASME in 1969. The nominating statement typifies the views of his colleagues of his life's work. "Under Marquis' leadership the Mechanical Engineering Department at The Ohio State University became one of the strongest in the nation. He had an extraordinary ability to guide and direct his colleagues so as to have them perform enthusiastically at their very best. His own enthusiasm was very contagious. In teaching he had the same effect on students. When he entered a classroom his energy and enthusiasm was apparent. In addition to all this, he was a master of his subject matter and had an analytical ability that could hew to a very straight line. He has served his country, state, city and University with human understanding, integrity and skill as a citizen, teacher, administrator, professional engineer and expert in research and development."

Professor Marquis was a member of AAAS, ASEE, Sigma Xi, Alpha Delta Phi, Theta Tau and Tau Beta Pi.

July 9, 1970 meeting, Board of Trustees

X. RESOLUTION IN MEMORIAM (continued)

A. Franklin Wales Marquis (continued)

On behalf of the University at large, the Board of Trustees would like to express to the family of Professor Marquis our deep sympathy. It was directed that this resolution be inscribed upon the minutes of this meeting of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the realization of the loss which the family has sustained.

XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Resolution Providing for the Issuance of Not Exceeding \$4,500,000 Parking System Revenue Notes, Series 1970

Mr. Shocknessy, a member of the Finance and Investment Committee of the Board of Trustees, made the following statement:

On September 8, 1966, the Board of Trustees passed a Bond Resolution initiating action on Parking System Revenue Bonds in the amount of \$4,500,000.

The first borrowing on this resolution consisted of one-year Parking System Revenue Notes in the amount of \$700,000 and was approved by the Board of Trustees on June 8, 1967.

The second borrowing occurred on June 13, 1968, at which time the borrowing amounted to \$1,700,000 including the refinancing of the previous \$700,000.

The third borrowing occurred on June 12, 1969, at which time the \$1,700,000 previously financed was refinanced for a period of one year.

With the added construction of the parking ramp to serve the Medical Center, it is necessary to borrow the full amount authorized under the Bond Resolution, \$4,500,000. \$3,200,000 was approved by the Board on June 11, 1970 and I, therefore, move the resolution providing for the issuance of \$1,300,000 Parking Revenue System Notes, Series 1970, which will complete the necessary financing.

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$4,500,000 Parking System Revenue Notes, Series 1970 (continued)

RESOLUTION PROVIDING FOR THE AWARD OF \$1,300,000 PARKING SYSTEM REVENUE NOTES, SERIES 1970, BEING PART OF A SERIES OF SUCH NOTES, HERETOFORE AUTHORIZED, IN AN AMOUNT NOT TO EXCEED \$4,500,000 AND ISSUED FOR THE PURPOSE OF REFUNDING CERTAIN REVENUE NOTES HERETOFORE ISSUED TO PAY PART OF THE COSTS OF CONSTRUCTING AND EQUIPPING MOTOR VEHICLE PARKING FACILITIES AND TO PAY THE COST OF ADDITIONAL MOTOR VEHICLE PARKING FACILITIES, \$3,200,000 OF WHICH HAVE BEEN ISSUED AND DELIVERED, AND PROVIDING FOR OTHER MATTERS INCIDENTAL THERETO.

WHEREAS, this Board of Trustees of The Ohio State University (herein called the "Board") did by resolution adopted June 11, 1970, provide for the issuance and award of not exceeding \$4,500,000 Parking System Revenue Notes, Series 1970, for the purposes hereinafter stated, (herein called "1970 Notes") and awarded and there has been delivered \$3,200,000 of such aggregate amount such Notes at par and under the terms and conditions set forth in said resolution;

WHEREAS, officers of the University have obtained proposals for the purchase of the balance of the 1970 Notes at par and upon the terms and conditions set forth in said resolution passed June 11, 1970, and the note form attached thereto, and at their interest rates set forth in Section 1 hereof.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. That \$1,300,000 of the \$4,500,000 Parking System Revenue Notes, Series 1970, authorized by said resolution adopted June 11, 1970, are hereby awarded at par and upon the terms and conditions set forth in said resolution adopted June 11, 1970 and this resolution in accordance with the proposals of the original purchaser to purchase said notes:

<u>Original Purchaser</u>	<u>Principal Amount</u>	<u>Interest Rate</u>
Huntington National Bank of Columbus	\$1,000,000	6.5%
City National Bank & Trust Co.	300,000	6.5%

July 9, 1970 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$4,500,000 Parking System Revenue Notes, Series 1970 (continued)

Section 2. The President, the Vice President, Business and Finance, and the Assistant Treasurer are each hereby authorized and directed to do all things necessary for the issuance and delivery of said \$1,300,000 Notes in accordance with this award.

Section 3. The Vice President, Business and Finance, or the Assistant Treasurer of the University are each hereby authorized and directed to deposit the proceeds from such Notes into the Construction Fund for the Project (being the Project defined in the resolution providing for the issuance of \$4,500,000 Parking System Revenue Bonds, Series A, adopted by this Board on September 8, 1966) to be applied to the payment of the costs of the Project.

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

2. University Hospital, Chilled Water Systems Additions

Mr. Shocknessy presented the following report and resolution:

On July 3, 1970, The Ohio State University Hospitals Administration requested assistance in securing a loan of \$1,056,514 to fund the second phase of the Hospital Air Conditioning Project, "University Hospital - Chilled Water Systems Additions," from the Office of the University Budget Director.

It has been determined that these funds can be loaned to the University Hospitals for this purpose from Budget Account 809999 (Plant Funds Account Receivable) and transferred to Budget Account 801228 (Hospital Chilled Water Systems) with a payback system of regular monthly payments of \$87,875, or quarterly payments of \$263,625, between July 1, 1970 and June 30, 1971 (the last payment would be \$2,014 more than the regular payment) and would provide funds for this project with no additional cash requirements. The Hospital Administration has assured the Budget Office that there would be no difficulty in meeting these payments.

This project consists of three basic sections as follows:

Section I      Chilled plant additions (including electrical work) to provide required additional chilled water capacity.

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

2. University Hospital, Chilled Water Systems Additions (continued)

Section II Chilled water distribution system and terminal units for nurse stations and food service areas, 6th through 11th floors. (This section was bid separately on April 15, 1970 with all bids received over the estimate of cost.)

Section III Chilled water distribution system and terminal units for additions to air conditioning, 1st through 5th floors.

In addition the above work includes individually controlled fan coil units (generally ceiling mounted) for air conditioning spaces where it is not feasible to use through-the-wall units or other types of systems.

IT IS THEREFORE RESOLVED, that the above loan, on the conditions stated, be approved and that the Secretary be authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees; and

IT IS FURTHER RESOLVED, that the Vice President for Business and Finance be directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the above report and resolution were adopted by unanimous roll call vote.

B. Report on University Hall

Vice President Robinson reminded the Board that at its May 14, 1970 meeting at which Mr. C. Curtiss Inscho was appointed as architect for the University Hall project, President Fawcett had requested that the first priority of the project architect should be to examine the feasibility of retaining as much of the existing structure as possible. Dr. Robinson indicated that Mr. Inscho was present to provide an interim report on the matter. Before calling upon Mr. Inscho, however, Dr. Robinson requested that Vice President Carson provide a brief chronology of the maintenance and repair problems associated with University Hall, as well as summarize the various structural reports which have been made in recent years.

Upon completion of Mr. Carson's presentation, Mr. Inscho reported on his preliminary analysis and planning associated with this project. He discussed several plans which are under active consideration.

July 9, 1970 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report on University Hall (continued)

At the completion of Mr. Inscho's presentation, Mr. Ketterer informed Mr. Paul Herbert, who had requested and had been authorized to make a presentation before the Board on this matter, that due to the length of this report and the lateness of the hour, there would be no time available for him to make his presentation. Mr. Ketterer suggested that he present a written report for study by the Board instead. Mr. Herbert objected to this suggestion and insisted that he be granted an opportunity at some future meeting to present his views which he indicated would differ materially from those of the project architect. In concluding the meeting, the Chairman stated that Mr. Herbert would be provided with an opportunity to make a presentation at an appropriate future meeting of the Board.

C. Report on the University's Investment Portfolio

The report dated July 8, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

XII. COMMITTEE APPOINTMENTS FOR 1970-71

Mr. Ketterer announced the appointment of the following-named persons to membership on committees, boards and council as indicated:

Finance and Investment Committee

James W. Shocknessy, Chairman  
William C. Safford, Vice Chairman  
Frederick R. Eckley  
John H. Dunlap

Retirement and Insurance Committee

Don M. Hilliker, Chairman  
John H. Dunlap, Vice Chairman  
Jack G. Gibbs

Development Fund Board of Directors (One-year term)

Don M. Hilliker  
M. Merle Harrod

Research Foundation Board of Directors (Three-year term, July 1, 1970 - June 30, 1973)

John H. Dunlap

July 9, 1970 meeting, Board of Trustees

XII. COMMITTEE APPOINTMENTS FOR 1970-71 (continued)

Association of Governing Boards of Universities and Colleges

John G. Ketterer

Inter-University Council

James W. Shocknessy

\*

\*

\*

Thereupon the Board adjourned to meet Thursday, September 10, 1970, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John G. Ketterer  
Chairman

Page 37 Blank

Page 38 Blank

APPENDIX I

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

September 4, 1970

Page 40 Blank

## The Recipients of Honors

### WILBUR J. COHEN

#### Doctor of Humane Letters

*Dedicated humanitarian and devoted public servant who combined idealism, pragmatism, and inventiveness to become a principal architect of our nation's social welfare policy*

For thirty-five years, beginning as a research assistant with President Franklin Roosevelt's Commission on Economic Security and finally as Secretary of the Department of Health, Education, and Welfare, Wilbur J. Cohen has played a key role in the formulation of every important piece of social welfare legislation enacted in the United States.

An articulate spokesman, he has constantly emphasized the interlocking relationship between health, education, and welfare, affirmed the nation's capacity to abolish poverty, and advocated replacement of the multiphasic welfare programs with a single, nationwide system as a more just and human method of handling the problems of poverty. He has sought an adequate standard of living for all people and stressed the necessity to break the cycle of poverty through education, vocational training, increased job opportunities and instruction in family planning.

Convinced that dialogue between academic scholars and public officials is necessary for the development of sound welfare policy, he has combined his government career with teaching on the faculties of the University of California at Los Angeles, the Catholic University of America and the University of Michigan where currently he is Dean of the School of Education. During his service as an academician, he often commutes to Washington, D. C., to serve as a consultant to government programs and to testify before Congressional committees on significant pending legislation.

Mr. Cohen is a regular contributor to professional literature and has received numerous awards and prizes from professional associations for his distinguished service. In addition, he has received several honorary degrees, including one from his alma mater, the University of Wisconsin.

The Ohio State University is privileged to honor Wilbur J. Cohen for his outstanding contributions to the welfare of mankind through his belief in the worth and dignity of each individual and in the responsibility of society to nurture the full potential of all people.

### VINCENT G. DETHIER

#### Doctor of Science

*An imaginative and influential scholar, whose research on insect sensory chemistry has greatly increased man's understanding of insect behavior and control*

Vincent G. Dethier is a highly original and productive investigator in the field of general and comparative physiology with special reference to the physiology of insects. He is one of a handful of scholars who have transformed this subject into a lively and important area of contemporary biology.

Through his studies Dr. Dethier has identified some of the compounds in plants that attract insects and induce them to feed. He has also determined chemical entities in plants that are insect repellent. Using delicate techniques, he has been able to measure the effect on insects of known chemical components in plants, and to determine the minute nervous pathways that stimulate or inhibit feeding. His findings have influenced breeders of insect-resistant plants.

Born in Boston, Massachusetts, Dr. Dethier received his A.B., A.M., and Ph.D. degrees from Harvard University. He served on the faculty of John Carroll University and later became an entomologist in North Africa and the East Indies in the U.S. Army. In 1946 he was appointed a Professor of Zoology at The Ohio State University and later joined the faculty of Johns Hopkins University leaving that institution in 1958 to become Professor of Zoology and Psychology at the University of Pennsylvania. In 1967, he accepted his present position as Professor of Zoology at Princeton University.

Dr. Dethier is author of three books, *Chemical Insect Attractants and Repellents*, *Physiology of Insect Senses*, and *To Know a Fly*, and co-author of the book, *Animal Behavior*. He contributed to the book, *Insect Physiology*, and is Editor of the *Journal of Insect Physiology*. Dr. Dethier has received many honors including the honorary Sc.D. from Providence College and a Guggenheim Fellowship in the Netherlands, 1964-65. He is one of only four entomologists in the National Academy of Science and he serves as a consultant to the Canadian Defense Board and the United States Office of the Surgeon General.

An internationally recognized teacher, Dr. Dethier's books and papers have attracted students to him from many countries. The Ohio State University is proud to honor this distinguished scholar and teacher for his contributions to science and mankind.

## FREDERICK VINTON HUNT

### Doctor of Science

*Internationally recognized scientist, author, and distinguished teacher whose pioneering developments in acoustics and electronics affect the modern, listening world*

As leader, inspiring teacher, acclaimed researcher and prolific author, Frederick Vinton Hunt stands as eloquent testimony to the high spirit of service which is so fundamental to an academic institution.

Born in Barnesville, Ohio in 1905, he received the Bachelor of Arts degree in 1924 and the Bachelor of Electrical Engineering degree in 1925 from The Ohio State University. In 1925, Dr. Hunt enrolled at Harvard University and accepted a position as Instructor in Physics and Communication Engineering. His stay at Harvard has been continuous since that time, and until recently has held the title of Rumford Professor of Physics and Gordon McKay Professor of Applied Physics.

Pioneering has been the keynote to Dr. Hunt's accomplishments. In the 1930's he performed some of the first important work in architectural acoustics from a modern viewpoint and collaborated in research which was the forerunner of modern high-quality sound production systems. This work was but the first of many accomplishments in sound reproduction for which he was awarded the Berliner Award of the Audio Engineering Society in 1954.

In 1941, he established the Harvard Underwater Sound Laboratory, whose immense accomplishments included the development of sonar and other systems which greatly attenuated the threat of enemy submarines during World War II. This work earned Dr. Hunt the Presidential Medal of Merit in 1947.

Dr. Hunt has continued to work vigorously in the areas of sound reproduction, phonograph pick-up design, and the theoretical and practical aspects of signal detection in underwater sound. Author of a classic text, *Electroacoustics*, as well as over 60 technical publications, Dr. Hunt is the holder of 18 patents. The high honors accorded Dr. Hunt have been numerous, including the John H. Potts Memorial Award from the Audio Engineering Society, the Gold Medal Award from the Acoustical Society of America and the honorary degree, Doctor of Science, from Harvard University.

The Ohio State University is privileged to honor an alumnus whose dedication and genius have so fully enriched his profession and his community.

## FRITZ LOEWE

### Doctor of Science

*Outstanding scholar of global meteorology and glaciology whose atmospheric studies and polar explorations have advanced man's knowledge of the environment*

Fritz Loewe is an internationally renowned meteorologist glaciologist, and polar explorer whose dedication to man's quest for knowledge of the uncharted environment has influenced colleagues and students the world over.

Born 75 years ago in Berlin, Dr. Loewe's fascination with the new flying machine led him to the study of meteorology after World War I. In 1923 he received the Doctor of Philosophy degree in Geography from Berlin University.

Possessing a love for exploration, Dr. Loewe was a pioneer aviator in high altitude meteorology, and in 1925 became the head of the new Meteorological Research Flight of the Prussian Meteorological Service. From 1929 to 1931, Dr. Loewe participated in the Wegener Greenland Expedition and mankind's first wintering on an ice cap. Dr. Loewe's analysis of this and subsequent expeditions to Greenland laid the foundation for the current renaissance of polar science.

Dr. Loewe left Germany in 1934 for England and Cambridge's Scott Polar Research Institute. In 1937, Dr. Loewe and his family moved to Melbourne where he founded the first meteorology department in Australia at the University of Melbourne. During the next 25 years, Dr. Loewe trained most of Australia's present meteorologists, shared in the discovery of the Southern Subtropical Jet Stream and made Melbourne an internationally recognized meteorological center.

With a continued interest in exploration, Dr. Loewe participated in a French Antarctic Expedition which led to a broad study of Antarctic heat and mass balance, a significant Australian study on drifting snow, and a glacier survey of the Nanga Parbat region in the Himalayas. Since his retirement from the University of Melbourne in 1961, he has been a Research Fellow at The Ohio State University's Institute of Polar Studies and during this period has twice revisited the Greenland ice cap.

The recipient of the British Polar Medal, Dr. Loewe has received many additional professional recognitions, and his numerous scientific papers reflect his broad interests and encyclopedic knowledge. The Ohio State University is privileged to honor Fritz Loewe, a distinguished scientist, scholar, and educator.

## MARY E. SWITZER

### Doctor of Humane Letters

*Humanitarian and distinguished administrator of services to mankind, whose leadership has inspired governmental and voluntary agencies throughout the world*

For thousands of disabled, handicapped, and deprived citizens, Mary E. Switzer's leadership and inspiration have opened doors to greater dignity, self-determination, achievement, and an increased realization of the quality of life.

An alumna of Radcliffe College, Miss Switzer's career spans forty-nine years of Federal Service. From the beginning she has held responsible positions within a variety of governmental agencies, including the Treasury Department, the White House Editorial Reports Service, and the Federal Security Agency.

Miss Switzer served as a U.S. Representative to the first International Health Conference which developed the charter of the World Health Organization, and her concern and love for her fellow man have endeared her to colleagues and friends throughout the world. Under her leadership, the Federal-State Program of Rehabilitation progressed from the smallest beginnings to the achievement of more than two-hundred thousand rehabilitants annually. Through her efforts, rehabilitation research, non-existent before her work, has enjoyed enormous growth and support, as evidenced by the success of the International Research and Demonstration Program which has coordinated 237 projects in 14 countries since 1960.

As Director of the Social and Rehabilitation Services of the Department of Health, Education and Welfare, she undertook the largest and most distinguished administrative responsibility of any woman in American government—a position of trust and responsibility for a six billion dollar budget and the rehabilitation of the nation's disabled and deprived. To further advance our nation's health, education, and welfare, Miss Switzer helped develop academic programs in many universities for the training of physicians, therapists, and members of the rehabilitation team, and for the effective development of the team concept itself.

A woman of spirit and imagination, Miss Switzer's vitality and dedication to a cause has brought her numerous academic, professional, and distinguished citizenship awards. The Ohio State University adds with pride a new accolade in recognition of this outstanding American whose contributions to public health and rehabilitation have improved the lives of thousands of persons throughout the world.

## JOHN A. VOLPE

### Doctor of Public Administration

*An enlightened public servant and administrator, dedicated to the expansion and improved quality of governmental service for the people of America*

With perseverance and dedication, John A. Volpe, the second Secretary of Transportation, has contributed greatly to the field of public service throughout his successful career as a government administrator.

Born of Italian immigrant parents in the Boston suburb of Wakefield, Massachusetts, Mr. Volpe received a degree in architectural construction from the Wentworth Institute in 1930. Three years later he formed the John A. Volpe Construction Company which established a national reputation for excellence in the construction field. Mr. Volpe's business career was interrupted during World War II, when he volunteered for duty with the Civil Engineer Corps of the U.S. Navy and attained the rank of Lieutenant Commander.

Following military service, Mr. Volpe became active in civic affairs, and served as a member and commissioner of the Massachusetts Commission of Public Works from 1953 to 1956. In 1956 President Dwight D. Eisenhower appointed him the first Federal Highway Administrator, and in this position Mr. Volpe played a major role in establishing the \$60 billion Interstate Highway Program. In 1960, Mr. Volpe was elected to the first of his three terms as Governor of Massachusetts, and in 1969 he was appointed Secretary of Transportation by President Richard M. Nixon. As Secretary of Transportation, Mr. Volpe has directed his efforts towards developing a balanced transportation policy that will conserve natural resources and serve the needs of the American people.

Recognized by his colleagues as an able leader and decision-maker, Mr. Volpe has served as chairman of the National Governors' Conference and as president of the Council of State Governments, the Society of American Military Engineers, the Associated General Contractors of America and the Greater Boston Chamber of Commerce. Mr. Volpe has received many accolades for his public service including the highest honor of the Order of Merit of the Italian Republic, the Knight of the Great Cross. Mr. Volpe has also been the recipient of 21 honorary degrees.

The Ohio State University is proud to confer the degree, Doctor of Public Administration, upon this talented government official whose integrity, insight and keen interest in public service is exemplified by his outstanding record.

## JOHN D. KRAUS

### The Joseph Sullivant Medal Award

*An internationally recognized engineer and physicist, known for his pioneering research in radio astronomy and creative engineering applications of electromagnetic theory*

John D. Kraus has greatly contributed to man's knowledge of the Universe through his significant research and inventions, and he has been a pioneer in the development of a new area of physical science, radio astronomy.

Born sixty years ago in Ann Arbor, Dr Kraus received his B.S., M.S., and Ph.D. degrees in physics at the University of Michigan. Although many early techniques developed by Dr. Kraus were applied in diverse fields, the perfection and expanded use of the radio antenna became his primary interest while serving as a researcher and consultant at the University of Michigan, the U.S. Naval Ordnance Laboratory, Harvard Radio Research Laboratory and The Ohio State University.

Dr. Kraus originated the flat-top beam antenna which has been used extensively the world over in amateur and high-frequency communication for nearly thirty years. Later, he invented the corner reflector antenna, the helical antenna, and other antenna types used for television transmission and reception, for aircraft communication and control, and the launching, control, and tracking of space vehicles. His design for the 340-foot Ohio State University radio telescope at Delaware, Ohio, has recently been adopted as a pattern for radio telescopes around the world.

As Director of the renowned Ohio State-Ohio Wesleyan Radio Observatory, Dr. Kraus has initiated and guided a survey of the radio sky which has led to the location and cataloguing of over six thousand previously unknown radio sources in the last five years. With data from this survey, Dr. Kraus and his Ohio State research staff have found an effect which may be related to the apparent boundaries of the physical universe. Also, while observing the first Sputnik satellites, Dr. Kraus discovered the sporadic ionization effect which is observed on large orbiting satellites at high magnetic latitudes.

A noted educator, Dr. Kraus has trained some of the world's leading teachers and researchers of radio astronomy and he has written four books of international acclaim, including *Radio Astronomy*, the world's only textbook on the subject.

The Ohio State University is privileged to honor John D. Kraus, a distinguished scientist and educator, as recipient of the 1970 Joseph Sullivant Medal Award for his outstanding contributions to his profession and the University.

*The Sullivant Medal is awarded once every five years to a distinguished alumnus, former student, or faculty member who has made notable achievements in his profession. The medal is a memorial to Joseph Sullivant, who as a member of the first Board of Trustees, was extremely influential in determining the character and future of The Ohio State University.*

## Graduate School

Dean: Arliss Roaden

### Doctor of Philosophy

Two hundred and twenty candidates

Abdel-Hamid Mohamed Abdel-Latif, Cairo, Egypt  
B.A. (Cairo University); M.A. (Ain Shams University)  
*Dissertation*: The Ecological and Social Structure of Alexandria, Egypt: An Examination of Urban Subarea Data, 1947 and 1960  
*Field of Specialization*: Sociology

Edward Louis Aleo, Rochester, N. Y.  
B.S. (Idaho State University); M.A.  
*Dissertation*: Asai Speech, as Compared to Esophageal Speech, and the Speech Produced by Five Artificial Larynges  
*Field of Specialization*: Speech

Filomeno Newton Almeida, Goa, India  
B.E. (University of Bombay); M.S.  
*Dissertation*: Lateral Buckling of Twin Arch Ribs with Transverse Bars  
*Field of Specialization*: Civil Engineering

Bruce David Alpert, Bangor, Me.  
B.S. (University of Maine)  
*Dissertation*: Studies in High Resolution Infrared Spectroscopy  
*Field of Specialization*: Physics

Damon Floyd Asbury, Madison  
B.A., M.A.  
*Dissertation*: The Effects of Teacher Expectancy, Subject Expectancy, and Subject Sex on the Learning Performance of Elementary School Children  
*Field of Specialization*: Psychology

John Peter Asunskis, Elizabeth, N. J.  
B.S. (Seton Hall University)  
*Dissertation*: Preparation of Nitrocyclopropanes Using Ylides  
*Field of Specialization*: Chemistry

John Babel, Jr., Schoharie, N. Y.  
B.S., M.A. in T. (Cornell University)  
*Dissertation*: An Investigation of the Operational Functions of School Study Councils with Recommendations for the Improvement of these Functions in Ohio Councils  
*Field of Specialization*: Education

Robert Maurice Ballagh, Columbus  
B.A., M.S. (Iowa State University)  
*Dissertation*: A Study of the Democratic-Authoritarian Continuum as it Relates to Perceived Evaluations of Student Teacher Placements  
*Field of Specialization*: Education

Eleanor Rose Bauer, Cleveland  
A.B. (Case Western Reserve University); M.S.  
*Dissertation*: Studies in the Gesneriaceae. Development of the Embryo and the Endosperm in *Aeschynanthus Lobbianus* Hook  
*Field of Specialization*: Botany

Carl Virgil Benner, Lucasville  
B.S. Sec. Ed. (Rio Grande College); M.S. (Purdue University); M.A. Ed. (State College of Iowa)  
*Dissertation*: Applying Paired Comparison Techniques to Determine the Relative Importance Assigned to Selected Mathematical Behaviors  
*Field of Specialization*: Education

Richard Earl Bennett, Cuyahoga Falls  
B.A. (Bethany College); M.A.  
*Dissertation*: An Information System for Economic Analysis  
*Field of Specialization*: Economics

Nancy Jane Beran, Cleveland  
B.A., M.A.  
*Dissertation*: Competing Mental Health Ideologies: A Study of Psychiatric Transfer  
*Field of Specialization*: Sociology

Arnold John Berry, East Lansing, Mich.  
B.S. (Pennsylvania State University); M.S. (Michigan State University)  
*Dissertation*: Studies on the Biochemical Mechanisms Involved in the Initiation of Cardiac Hypertrophy  
*Field of Specialization*: Physiological Chemistry

Max Berzofsky, Baltimore, Md.  
B.S. (Johns Hopkins University)  
*Dissertation*: A Study of Patterns of Perception and Explanation Exhibited by Children in Grades 3, 6, and 9 When Classifying Pictures Representing Five Biological Levels of Organization  
*Field of Specialization*: Education

James Stillman Biddle, Columbus  
B.S. in Ed., M.A. (Bowling Green State University)  
*Dissertation*: Group Theoretical Properties with Critical Groups of Specified Structure  
*Field of Specialization*: Mathematics

Nancy Thornton Bird, St. Albans, W. Va.  
B.S. in Ed. (West Virginia State College); M.S.  
*Dissertation*: Investigation of Some Factors Affecting Reproduction of *Lecnaea Cuprinacca* L., A Parasitic Copepod  
*Field of Specialization*: Zoology

Lloyd Houston Blanton, Columbus  
B.S., M.Agr. Ed. (Clemson University)  
*Dissertation*: Communication Networks and Innovative Potential of a State Division of Vocational Education  
*Field of Specialization*: Agricultural Education

Patricia Ellen Blosser, Wooster  
B.A. (College of Wooster); A.M. (Colorado State College); M.A.L.S. (Wesleyan University)  
*Dissertation*: A Study of the Development of the Skill of Effective Questioning by Prospective Secondary School Science Teachers  
*Field of Specialization*: Education

David Earl Bolin, Hilliard  
B.S. in Agr. (University of Kentucky); M.S.  
*Dissertation*: Numerical Analysis Solutions of Water Table Drawdown by Subsurface Drains in a Two-Layered Soil  
*Field of Specialization*: Agronomy

- James Leonard Bradford, Wayland, Mass.  
B.S., M.A.  
*Dissertation*: Toward a Practical Approach to Health Professions Curriculum Development  
*Field of Specialization*: Education
- Dennis Alvin Brengartner, Sandusky  
B.A. (Miami University)  
*Dissertation*: Solvent Extraction Studies of the Lanthanides with Two Sterically Hindered  $\beta$ -Diketones  
*Field of Specialization*: Chemistry
- John Michael Brooks, Lubbock, Tex.  
B.A., M.A. (Texas Technological College)  
*Dissertation*: A Sociological Study of Commercial Broadcast Organizations  
*Field of Specialization*: Sociology
- Wesley Eugene Budke, Glasgow, Mont.  
B.S. in Agr., M.S. in Agr.Ed. (Montana State University)  
*Dissertation*: Guidelines for the Development of Prevocational Education at the Junior High School Level  
*Field of Specialization*: Agricultural Education
- Andrew Frederick Bulfer, Adelphi, Md.  
B.S. in E.E. (Massachusetts Institute of Technology); M.S.  
*Dissertation*: A Study of a Discrete Prediction and Evasion Problem  
*Field of Specialization*: Electrical Engineering
- Mary Christina Burger, Sandusky  
B.A. (Case Western Reserve University); M.A. (Bowling Green State University)  
*Dissertation*: The Implications of Jerome Bruner's Structural Recommendations for the Development of Curriculum in History  
*Field of Specialization*: Education
- Timothy Jay Burkholder, Orrville  
A.B. (Taylor University); M.S.  
*Dissertation*: The Relation of Serum Calcium Levels to the Reproductive Cycle, Egg Production, Eggshell Thickness, Hatchability, Soil Calcium, and Growth of the Red-winged Blackbird (*Agelaius phoeniceus*)  
*Field of Specialization*: Zoology
- John Garfield Burt, Louisville, Ky.  
B.A. (Hanover College); M.S. (Miami University); M.S.  
*Dissertation*: Defect Mechanisms in Lead Zirconate Titanate—AC Conductivity and E.M.F. Studies  
*Field of Specialization*: Nuclear Engineering
- Bonnie Beulah Busse, Chicago, Ill.  
B.A. (Macalester College); M.A. (University of Nebraska)  
*Dissertation*: Professional Laboratory Experiences in the Special Methods Component in the Professional Education of Modern Foreign Language Teachers—Toward Developing Prototypes  
*Field of Specialization*: Education
- Walter Melvin Calinger, Shadyside  
B.S. in Edu. (Ohio University); M.S. in Edu. (Purdue University)  
*Dissertation*: The Disadvantaged Child  
*Field of Specialization*: Education
- Pauline Ross Carberry, Conneaut  
B.S. in B.A., M.B.A. (Kent State University)  
*Dissertation*: Taxation of Pension Plans for Self-Employed Individuals with Recommended Reforms  
*Field of Specialization*: Accounting
- James Edward Carson, Columbus  
B.S. (Fort Valley State College); M.S. (Tuskegee Institute)  
*Dissertation*: The Effects of Programmed Instruction as a Supplementary Teaching Aid in Adult Basic Education at the Ohio State Reformatory, Mansfield, Ohio  
*Field of Specialization*: Education
- William Lance Cathcart, Rochester, N. Y.  
A.B. (Hope College); M.A.  
*Dissertation*: The Role of Network Broadcasting During the Second World War  
*Field of Specialization*: Speech
- Robert Francis Champlin, Winchester, Mass.  
B.S. in Ed. (State Teachers' College, Bridgewater, Massachusetts); M.Ed. (Boston University)  
*Dissertation*: The Development and Field Testing of an Instrument to Assess Student Beliefs About and Attitudes Toward Science and Scientists  
*Field of Specialization*: Education
- Miu-Yung Chan, Hong Kong  
B.S. (Indiana University)  
*Dissertation*: Fourth-Order Vibration-Rotation Hamiltonian of Nonlinear XYZ Molecules  
*Field of Specialization*: Physics
- Charles William Chance, Columbus  
B.A., M.A.  
*Dissertation*: Analysis of Legislative Agreements: The Case of Ohio  
*Field of Specialization*: Political Science
- Douglas Crandall Chatfield, Lubbock, Tex.  
B.S. (Evangel College); M.A. (University of Nebraska at Omaha)  
*Dissertation*: Dimension Selection and Memory in Concept Identification  
*Field of Specialization*: Psychology
- Samson Chema, Mariakani, Kenya  
D.V.M., M.S.  
*Dissertation*: Antigenic and Physicochemical Properties of Picornaviruses: A Comparative Study of Human and Animal Enteroviruses and Rhinoviruses  
*Field of Specialization*: Medical Microbiology
- Tyzz-Lang Chen, Taipei, Taiwan  
B.Ed. (Taiwan Normal University); M.A. (University of Maryland)  
*Dissertation*: Smoking Behavior Change and Its Correlates in a Selected Group of Middle Aged Men: A Brief Smoking Counseling Program Adaptable to Various Health Settings  
*Field of Specialization*: Physical Education
- Dean A. Christopher, Columbus  
B.S. in Edu., M.A.  
*Dissertation*: The Auditory Perception of Shaped Verbal Stimuli by Young Deaf Adults  
*Field of Specialization*: Speech

- Joseph M. Cirrincione, Brooklyn, N. Y.  
B.S. (State University College, Oswego, New York); M.A.  
*Dissertation*: The Role of Values in the Teaching of  
Geography  
*Field of Specialization*: Education
- James Howard Cook, Columbus  
B.E.E., M.S.  
*Dissertation*: Interferometric Techniques for the  
Measurement of Radio Source Polarization Distributions  
*Field of Specialization*: Electrical Engineering
- Virginia Lee Cox, Pompano Beach, Fla.  
B.A. (Ohio Wesleyan University); M.A. (University of  
California at Los Angeles)  
*Dissertation*: John Kendrick Bangs and the Transition  
from Nineteenth to Twentieth Century American Humor  
*Field of Specialization*: English
- Priscilla Thomas Crawford, Indianapolis, Ind.  
B.A. (Butler University); M.A.  
*Dissertation*: The Very Young Adult: Social Behavior  
Among Preschool Children  
*Field of Specialization*: Sociology
- William Lee Crist, Amlin  
B.S. in Agr., M.S.  
*Dissertation*: Some Effects of Endogenous and Exogenous  
Estrogen and Progesterone on Alanine and Aspartate  
Aminotransferase Levels in the Plasma, Liver, Muscle  
and Uterus of the Rat  
*Field of Specialization*: Dairy Science
- Joseph John Cutcher, Baton Rouge, La.  
B.S., M.S. (Louisiana State University)  
*Dissertation*: The Kinetics of Exchange of Traited  
Water Between the Atmosphere and the Water Pool, and  
the Water Pool and the Metabolic Pool of the Mite,  
*Tyrophagus Putrescentiae*, under Equilibrium Conditions  
*Field of Specialization*: Zoology
- Donald Demko, Niagara Falls, Canada  
B.A. (University of Waterloo); M.A. (University of  
Cincinnati)  
*Dissertation*: Perception and Preference Structures with  
Respect to Spatial Choices  
*Field of Specialization*: Geography
- Michael Lee Denniston, Galesburg, Ill.  
A.B. (Knox College); M.S.  
*Dissertation*: The Chemistry of Some Lewis Acid-Base  
Adducts of Pentaborane (9) and Hexaborane (10)  
*Field of Specialization*: Chemistry
- Louis Frank DeWein, Ashtabula  
B.S., M.S.  
*Dissertation*: Developmental Aspects of Glutamate  
Dehydrogenase Activity in Rat Liver  
*Field of Specialization*: Physiology
- Jagjit Kaur Johal Dhesi, Ludhiana, India  
B.A. (Punjab University); M.A. Home Ec.,  
M.A.T. Home Ec. (Washington State University)  
*Dissertation*: Relationship of Body Positions and Heart  
Rate during Chapati-Making at Ground-Level  
*Field of Specialization*: Home Economics
- Judy Mann DiStefano, Wenatchee, Wash.  
B.A. Educ. (Central Washington State College)  
*Dissertation*: A Concept of the Family in Colonial  
America: The Pembertons of Philadelphia  
*Field of Specialization*: History
- William Edward Dugger, Jr., Martinsville, Va.  
B.S. (Virginia Polytechnic Institute); M.A. (Appalachian  
State Teachers College)  
*Dissertation*: A Study of the Comparison of the  
Achievement of Industrial Arts Curriculum Project  
Students with Traditional Industrial Arts Students  
*Field of Specialization*: Education
- René Eastin, Cleveland  
B.S., M.S.  
*Dissertation*: Geochronology of the Basement Rocks of the  
Central Transantarctic Mountains, Antarctica  
*Field of Specialization*: Geology
- Betty Jobes Eberle, Columbus  
B.S. in Edu., M.Edu.  
*Dissertation*: Mathematics Program for Gifted High  
School Students: A Participant Follow Up (Summers  
1964 through 1969 at The Ohio State University)  
*Field of Specialization*: Education
- Duane Oren Eddy, Naples, N. Y.  
B.S. in Educ. (State University College, Cortland, New  
York)  
*Dissertation*: Metabolic and Thermal Responses of Man  
During Heat Exposure  
*Field of Specialization*: Physiology
- Peter Arnes Eddy, Boulder, Colo.  
B.A. (Haverford College); M.A. (Middlebury College)  
*Dissertation*: Linguistics in the Preparation of Modern  
Foreign Language Teachers  
*Field of Specialization*: Education
- Donald Gray Eder, Columbus  
B.S. (New York University); M.A. (Columbia  
University)  
*Dissertation*: The Tannenbaum Thesis: A New Black  
Legend?  
*Field of Specialization*: History
- Richard Herbert Edsall, Cashion, Okla.  
B.S., M.S. (Oklahoma State University)  
*Dissertation*: Vocational Agriculture Programs in Joint  
Vocational Schools, Participating Local Schools, and Non-  
Participating Local Schools  
*Field of Specialization*: Agricultural Education
- John David Edwards, Columbus  
B.S., M.A.  
*Dissertation*: Resistance to Attitude Change: Applications  
of the Value Bonding Model to Interpersonal Attitudes  
*Field of Specialization*: Psychology
- Joseph Aibangbee Ben Efonayi, Benin City, Nigeria  
B.S. (Purdue University); M.S. (Indiana University)  
*Dissertation*: The Newsletter as a Communication Medium  
in Teaching Low-Income Homemakers  
*Field of Specialization*: Agricultural Education

- James Eliopoulos, Delaware  
B.S. in Edu., M.A.  
*Dissertation*: A Rhetorical-Poetic Description of the Verbal Forms of Samuel Beckett's Dramatic Language  
*Field of Specialization*: Education
- Marwan Mohammad El-Nasser, Amman, Jordan  
B.S. in Ag. (University of Alexandria); M.S.  
*Dissertation*: An Evaluation of Monetary Policy Actions and Their Effects on the Economy, The United States 1952-1967  
*Field of Specialization*: Economics
- Michael Glenn Erlich, Brooklyn, N. Y.  
A.B. (John Carroll University); M.A.  
*Dissertation*: Selected Anti-Slavery Speeches of Henry David Thoreau, 1848-1859: A Rhetorical Analysis  
*Field of Specialization*: Speech
- Frederic Lewis Faust, Grove City  
B.S. in Soc. Adm., M.Social Work  
*Dissertation*: Dimensions of Delinquency Tolerance: Differential Tolerance of Juvenile Delinquent Behavior by Adult Members of Different Socio-Economic Classes and Racial Groups  
*Field of Specialization*: Sociology
- Phillip Albert Fazzini, Sidney  
B.S. (Sec.Ed.), A.M. (West Virginia University)  
*Dissertation*: A Comparative Study to Determine the Efficacy of Two Industrial Arts Program Approaches Upon Pupils' Attitudes Toward Manufacturing Industry  
*Field of Specialization*: Education
- Theresa Anne Fechek, Bobtown, Pa.  
B.S. in Edu. (Clarion State College); M.A. (Case Western Reserve University)  
*Dissertation*: The Use of Informative Themes in the Reading Anthologies for the Teaching of Composition in Grades Four through Twelve  
*Field of Specialization*: Education
- IlaJean Feldmiller, Cochran, Pa.  
B.S. (Pennsylvania State University); M.S.  
*Dissertation*: The Exploration of the Nature of Learning Experiences Using Simulation Games as Revealed by Verbal Behavior  
*Field of Specialization*: Education
- A. Craig Fisher, Mitchell, Ont., Canada  
B.A. (University of Western Ontario); M.Ed. (Wayne State University)  
*Dissertation*: The Relationship between Participation in Selected Sport Activities and Sex Role Orientation of Institutionalized Males  
*Field of Specialization*: Physical Education
- Robert Denman Fisher, Columbus  
B.S. in Edu. M.A.  
*Dissertation*: An Investigation of the Structure and Potentialities of Management Information Systems in the Public Schools, as They Relate to Educational Decision-Making and Reporting  
*Field of Specialization*: Education
- Robert William Flinchbaugh, Chardon  
B.Mus.Ed. (Capital University); M.A.  
*Dissertation*: Elementary Teachers' Perceptions of Self Concept Correlates  
*Field of Specialization*: Education
- Harold Judson Franz, Glen Ferris, W. Va.  
A.B. (Wheaton College); A.M. (University of Pennsylvania);  
S.T.B., Master of Theology (Harvard Divinity School)  
*Dissertation*: The Function of Goal-Projection in Curriculum Theory: A Philosophical Analysis  
*Field of Specialization*: Education
- Roy Kimble Frick, Dayton  
B.S. (Clemson University); M.S.  
*Dissertation*: Interaction of Forces as Discrete Processes as with Application to Air Battle Analysis  
*Field of Specialization*: Industrial Engineering
- Richard Eugene Gallagher, Royal Oak, Mich.  
B.A. (Michigan State University); M.A.  
*Dissertation*: An Exploration of the Prediction of Academic Performance in Medical School Through the Use of Adjusted Pre-Medical Grades  
*Field of Specialization*: Education
- Bruce Michael Gansneder, Seattle, Wash.  
B.A. (Seattle University); M.S. (Iowa State University)  
*Dissertation*: Relationships between Teachers' Attitudes, Students' Attitudes, and Students' Achievement  
*Field of Specialization*: Education
- James Benjamin Garrett, Jr., Johnson City, Tenn.  
B.S. (Hampden-Sydney College); M.A.  
*Dissertation*: The Effects of Intentionality Upon Children's Reactions to Inequity  
*Field of Specialization*: Psychology
- Charles Joseph Gelso, College Park, Md.  
B.S.Ed. (Bloomsburg State College); M.S. (Florida State University)  
*Dissertation*: The Effect of Different Methods of Recording Counseling Interviews on Various Dimensions of Client Behavior and Client-Mediated Counselor Behavior  
*Field of Specialization*: Psychology
- Edgar Nicholas Genovese, Jr., Baltimore, Md.  
B.A. (Xavier University)  
*Dissertation*: Attis and Lesbia: Catullus' Attis Poem as a Symbolic Reflection of the Lesbia Cycle  
*Field of Specialization*: Classics
- Vesta Skees Gettys, Louisville, Ky.  
A.B. (University of California at Berkeley); M.A. (University of Louisville)  
*Dissertation*: Information Processing Load in Concept Identification  
*Field of Specialization*: Psychology
- Stephen Paul Glinsky, Jr., Slippery Rock, Pa.  
A.B. (Maryknoll College); M.A.  
*Dissertation*: Hebbel and the Problem of the Divine  
*Field of Specialization*: German

- Linda Eisenberg Gorelick, Brookline, Mass.  
B.A. (City College, New York); M.A.  
*Dissertation*: Affiliation Among Schizophrenics: A New Test of the "Social Censure Hypothesis"  
*Field of Specialization*: Psychology
- Ronald Hugh Gorman, Rockville, Md.  
B.B.A., M.B.A. (University of Cincinnati)  
*Dissertation*: An Empirical Analysis of Role Conception: A Case Study of Purchasing Behavior in Selected Central Ohio Manufacturing Firms  
*Field of Specialization*: Business Administration
- Kenney Earl Gray, Jackson, Miss.  
B.S. (Mississippi State University); M.Ed. (University of Illinois)  
*Dissertation*: Competencies Needed by Personnel Engaged in Program Planning in State Divisions of Vocational-Technical Education  
*Field of Specialization*: Education
- Paul Dennis Gray, Salem  
B.A. (Youngstown University)  
*Dissertation*: A Defense of P.F. Strawson's Theory of Self  
*Field of Specialization*: Philosophy
- Irving Greenbaum, Columbus  
B.S. (New York University); M.A. (Columbia University)  
*Dissertation*: Return on Investment in the Electric Utility Industry and Public Utility Commission Rate Base Determination: Original Cost; Fair Value; Reproduction Cost  
*Field of Specialization*: Business Administration
- Subodh Chandra Gupta, Columbus  
B.S. (Allahabad University); M.S.  
*Dissertation*: Iron Oxide Phase Development and Related Magnetic Phenomena in a Glass-Magnetite System  
*Field of Specialization*: Ceramic Engineering
- David Graham Guy, Pittsburgh, Pa.  
B.S. (Pennsylvania State University)  
*Dissertation*: The Effect of Essential Fatty Acid Deficiency on Protein Synthesis in the Rat Liver  
*Field of Specialization*: Physiological Chemistry
- William Woodrow Haddad, Seven Hills  
B.A., M.A.  
*Dissertation*: Arab Editorial Opinion Toward the Palestine Question, 1947-1958  
*Field of Specialization*: History
- Charles Combs Harber, Eau Claire, Wis.  
A.B., M.A. (University of Kentucky)  
*Dissertation*: Reforms in Tunisia 1855-1878  
*Field of Specialization*: History
- Robert Warren Harlan, Torrance, Calif.  
B.A. (Whittier College); A.M. (University of Southern California)  
*Dissertation*: Changes Occurring in Personnel Enrolled in a YMCA In-Service Education Program  
*Field of Specialization*: Education
- Ronald Lee Harper, Frankfort  
B.S., M.S.  
*Dissertation*: Chromosomes of Domestic Cattle (*Bos Taurus*): Types and Frequencies of Structural and Numerical Chromosomal Aberrations, and Alterations in the Sex Ratio during Intrauterine Ontogeny  
*Field of Specialization*: Dairy Science
- Fred Whitney Harrington, Grove City  
B.A. (Eastern Nazarene College); M.A.  
*Dissertation*: Development of a Self-Instructional Package on Cooperative Education Coordination Skills  
*Field of Specialization*: Education
- Charles Miniard Harris, Columbus  
B.A., M.A., B.D. (Bob Jones University)  
*Dissertation*: The Influence of Individualized Counseling on the Scholastic Self-Concept of Early and Middle Adolescents  
*Field of Specialization*: Education
- Richard Harris, Columbus  
B.Ed. (University of Miami); M.Ed. (Florida Atlantic University)  
*Dissertation*: Development of a Model for a Curriculum Evaluation Instrument in Vocational-Technical Programs of Study  
*Field of Specialization*: Education
- James Edward Hartsel, Columbus  
B.S. in M.E. (Lafayette College); M.S.  
*Dissertation*: An Experimental Investigation of the Effects of Massive Film Cooling on the Aerodynamics of a Turbine Airfoil  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Robb John Hauck, Lynbrook, N. Y.  
B.S. (State University College of New York, Oswego); M.A.  
*Dissertation*: A Study of Student Attitudes of the Military Draft  
*Field of Specialization*: Education
- Mary Joell Haynes Henning, Columbus  
B.A. (Viterbo College); M.A.  
*Dissertation*: A Study of In-Service Teachers' Knowledge of Education in an Urban Setting  
*Field of Specialization*: Education
- James Anderson Hightower, Paris, Ill.  
A.B. (Oberlin College); M.S.  
*Dissertation*: A Study of Hemopoietic Tissue and Skin Allograft Rejection in the Newt, *Notophthalmus Viridescens*  
*Field of Specialization*: Anatomy
- Jonathan Wayne Hinton, Columbus  
B.Cer.E., M.S.  
*Dissertation*: Morphological Control and Response to System Parameters in Vapor-Grown Inorganic Pigments  
*Field of Specialization*: Ceramic Engineering
- Kenneth Eugene Hoeltzel, Tiffin  
B.S. in Edu., M.A.  
*Dissertation*: Vocational Guidance Program Development  
*Field of Specialization*: Education

- Ronald LeChard Hoenes, Cologne, N. J.  
B.A., M.A. (Trenton State College)  
*Dissertation*: School-Community Relations: The Effectiveness of Four Techniques of Disseminating Information about a School's Industrial Arts Program to Its Community  
*Field of Specialization*: Education
- Gossie Harold Hudson, Durham, N. C.  
B.A., M.A. (North Carolina College at Durham)  
*Dissertation*: A Biography of Paul Laurence Dunbar  
*Field of Specialization*: History
- David Michael Hutter, Steubenville  
B.S. in Ed., M.Ed. (Ohio University)  
*Dissertation*: A Study of the Attitudes Affecting the Behavior of the Administration of Intercollegiate Athletics  
*Field of Specialization*: Physical Education
- Jim Leslie Jackson, Kent  
B.S. Ed. (Kent State University); M.S. (Case Western Reserve University)  
*Dissertation*: An Assessment of an Inservice Program in Earth Science for Producing Changes in Teacher Behavior and Pupil Achievement  
*Field of Specialization*: Education
- Donald Karl Jarvis, Los Angeles, Calif.  
B.A. (Brigham Young University)  
*Dissertation*: The Teaching of Russian Culture to Americans: Contemporary Values and Norms  
*Field of Specialization*: Education
- Douglas Jeffrey, Leeds, England  
B.A. (Hons.) (University of Sheffield); M.A.  
*Dissertation*: Economic Impulses in an Urban System  
*Field of Specialization*: Geography
- Daniel Lyle Jensen, Champaign, Ill.  
B.A., M.S. (University of Minnesota)  
*Dissertation*: Cost Allocation for Rate Making in Electric Utilities: A Study of Alternative Methods  
*Field of Specialization*: Accounting
- David Aric Johnson, Columbus  
B.S., M.A.  
*Dissertation*: Developmental Aspects of Recovery of Function Following Infant Septal Lesions in the Rat  
*Field of Specialization*: Psychology
- James Lowell Jolliff, Canton  
B.A., M.A.  
*Dissertation*: The Enchantment of Self Ratings by Institutionalized Educable Mentally Retarded  
*Field of Specialization*: Psychology
- Ernst Karl Just, North Bergen, N. J.  
B.S., M.S. (Marquette University)  
*Dissertation*: Synthetic Transformations of a [3.2.1] Bicyclic -4- Keto-Sugar Leading to Branched-Chain and Other Novel Sugars  
*Field of Specialization*: Chemistry
- Lewis Dean Kieft, Fenton, Mich.  
B.S., M.A. (Eastern Michigan University)  
*Dissertation*: An Experimental Study of the Effect on Cognitive Learning when a Psychomotor Task is Anticipated  
*Field of Specialization*: Education
- Margaret Noell Kindberg, Toledo  
B.S. in Edu. M.A.  
*Dissertation*: Imitation of a Peer Model by Severely Retarded Institutionalized Boys  
*Field of Specialization*: Psychology
- William Stephen Kovach, San Diego, Calif.  
B.S. in Astronomy (Case Western Reserve University)  
*Dissertation*: The Effects of Dust and Lyman Alpha Radiation on the Dynamical Evolution of Planetary Nebulae  
*Field of Specialization*: Astronomy
- Paul David Kuwik, Lancaster, N. Y.  
B.S. in Edu., M.S. in Edu. (State University College, Buffalo, New York)  
*Dissertation*: A Quasi-Experimental Study of Two Selected Units of the Industrial Arts Curriculum Project Materials to Determine the Measurable Additive Effects of a Unit on Design in Manufacturing Technology upon a Similar Unit on Design in Construction Technology  
*Field of Specialization*: Education
- David William Lacey, New York, N. Y.  
B.A. (LeMoyne College); M.A.  
*Dissertation*: Holland's Vocational Models: A Study of Work Groups and Need Satisfaction  
*Field of Specialization*: Psychology
- Robert Andrew Laing, Westerville  
B.S. (Indiana University of Pennsylvania); M.A. (Kent State University)  
*Dissertation*: Relative Effects of Massed and Distributed Scheduling of Topics on Homework Assignments of Eighth Grade Mathematics Students  
*Field of Specialization*: Education
- Henry Lewis LaMuth, Painsville  
B.S. in Phys.  
*Dissertation*: Diagnostics of the Dynamics of a Disc Dense Focus Device  
*Field of Specialization*: Physics
- Shuh-Chai Lee, Columbus  
B.S., M.S. (National Northwestern College of Agriculture, China); M.S.  
*Dissertation*: Water Vapor Transfer in the Atmosphere and Its Relation to the Water Balance in the Ohio River Basin  
*Field of Specialization*: Geography
- Yuk Lee, Hong Kong  
B.A. (Chinese University of Hong Kong); B.A. (Eastern Kentucky University); M.A. (University of Cincinnati)  
*Dissertation*: Two Stochastic Models of the Geometric Patterns of Urban Settlements  
*Field of Specialization*: Geography

- George Robert Leichnetz, Buffalo, N. Y.  
B.S. (Wheaton College); M.S.  
*Dissertation*: The Spontaneous Bioelectrical Activity of the Vagus Nerve and Its Correlation with the Normal Waking and Sleeping Pattern of the Cat  
*Field of Specialization*: Anatomy
- Burn Jeng Lin, Yorktown Heights, N. Y.  
B.S. in Engr. (National Taiwan University); M.S.  
*Dissertation*: Aberrations in Holographic Lens Systems  
*Field of Specialization*: Electrical Engineering
- John David Logan, Columbus  
B.S., M.S.  
*Dissertation*: Noether's Theorems and the Calculus of Variations  
*Field of Specialization*: Mathematics
- Donald Walter Long, Leetonia  
B.S. in Agr., M.S.  
*Dissertation*: Serum Progesterone and Luteinizing Hormone in the Estrous Synchronized Bovine  
*Field of Specialization*: Dairy Science
- Gilbert Andrew Long, Pullman, Wash.  
B.S. in Agr., M.S.Agr.Edu. (Washington State University)  
*Dissertation*: Personnel Responsible for Decisions Influencing Vocational Education in Local Schools  
*Field of Specialization*: Agricultural Education
- Clayton Kent Lowe, Columbus  
B.A. (Bethany College); B.D. (Christian Theological Seminary); M.S. (Butler University)  
*Dissertation*: Image Making and Integrity: An Historical Survey and Analysis of the Priorities and Value Systems of Image Makers and Image Viewers in American Society  
*Field of Specialization*: Speech
- Richard Neil Lower, Toledo  
B.A. (Mount Union College); M.Bus.Adm. (Indiana University)  
*Dissertation*: A Study of Selected Factors in the Transmittal of Four Basic Work Norms to Unemployables in Selected Training Programs  
*Field of Specialization*: Business Administration
- Charles Winfred Manley, Tallahassee, Fla.  
A.B. (Indiana University); M.A.  
*Dissertation*: The Use of Stimulus Discriminability and S-R Compatibility as Factors to Expand the Sequential Model of Human Information Processing  
*Field of Specialization*: Psychology
- Michael John Mann, Fort Lauderdale, Fla.  
B.Aero.Engr. (University of Florida); M.S.Aero.Engr. (Air Force Institute of Technology)  
*Dissertation*: One-Dimensional Shock Wave Formation by an Accelerating Piston  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Krishan Dayal Mannan, Ludhiana, India  
B.Sc.Engr. (Panjab University); M.E. (University of Calcutta)  
*Dissertation*: An Experimental Investigation of Rectangular Fins on Horizontal Surfaces for Free Convection Heat Transfer  
*Field of Specialization*: Mechanical Engineering
- Judith Ann Marquis, Kettering  
B.S.Educ. (Miami University); M.A. (University of Kansas)  
*Dissertation*: Las Imágenes en los *Abecedarios espirituales* de Francisco de Osuna  
*Field of Specialization*: Romance Languages
- Don Thomas Martin, Columbus  
B.S.Sec.Ed., A.M. (West Virginia University)  
*Dissertation*: The Public Statements of Presidents Truman and Eisenhower on Federal Aid to Education  
*Field of Specialization*: Education
- Ernest Dean Massie, Orient  
B.S. in Agr., M.S.  
*Dissertation*: The Interactions and Influences of Thyroxine and Dibutylryl — 3', 5' — Adenosine Monophosphate on Testicular Metabolism  
*Field of Specialization*: Dairy Science
- Michael McCally, Yellow Springs  
A.B. (Princeton University); M.D. (Case Western Reserve University)  
*Dissertation*: The Effect of Sustained Muscular Contraction on Tolerance to +Gz Acceleration  
*Field of Specialization*: Physiology
- James Michael McKisic, San Diego, Calif.  
B.S.  
*Dissertation*: Application of the Dispersive Sum Rule Method to Meson Systems  
*Field of Specialization*: Physics
- Howard David Meeks, Columbus  
B.S.Aero.Engr. (Iowa State University); M.S.  
*Dissertation*: Duality Relationships for a Nonlinear Version of the Generalized Neyman-Pearson Problem  
*Field of Specialization*: Industrial Engineering
- Marcia Ann Wolfe Miller, Columbus  
B.S.Ed., M.A. (Bowling Green State University)  
*Dissertation*: Genetic Determinants for Antibiotic Resistance in *Staphylococcus aureus* and *Mycobacterium smegmatis*  
*Field of Specialization*: Microbiology
- Mark George Minor, South Bend, Ind.  
B.A. (North Central College); M.A.  
*Dissertation*: The Poet in His Joy: A Critical Study of John Clare's Poetic Development  
*Field of Specialization*: English
- Lois Hansen Molholm, Dublin  
B.S. (State University Teachers' College, Potsdam, New York); M.A. (New School for Social Research)  
*Dissertation*: Female Mental Patients and Normal Female Controls: A Restudy Ten Years Later  
*Field of Specialization*: Sociology
- Allen Lathem Monroe, Cedarville  
B.A. (Shelton College); M.A. (Montclair State College)  
*Dissertation*: A Study of Supportive and Non-Supportive Voter Response within a Spatial Context to the Creation of a Joint Vocational School in Ohio  
*Field of Specialization*: Education

- James Loyal Moore, Indianapolis, Ind.  
B.Mus., M.Mus. (University of Michigan)  
*Dissertation*: Acoustics of Bar Percussion Instruments  
*Field of Specialization*: Music
- Anne Elizabeth Moughon, Midland, Tex.  
B.A. (University of Tulsa); M.Educ. (Harvard University)  
*Dissertation*: An Investigation of Three Methods of College Foreign Language Placement  
*Field of Specialization*: Education
- Robert Joseph Mravetz, Gahanna  
B.S.Ed. (Miami University); M.Ed. (Ohio University)  
*Dissertation*: The Influence a Famous Athlete has on the Development of the Ideal Self in Eighth Grade Boys and Girls  
*Field of Specialization*: Physical Education
- Melvin L. Murphy, Kinston, N. C.  
B.A., M.A. (North Carolina College)  
*Dissertation*: The Columbus Urban League: A History, 1917-1967  
*Field of Specialization*: History
- Donna McKinley Nagely, Salina, Kan.  
A.B. (Kansas Wesleyan University); M.A.  
*Dissertation*: A Comparison of College-Educated Working Mothers in Traditional and Nontraditional Occupations  
*Field of Specialization*: Psychology
- Aleki Comuntzis Nickles, Columbus  
B.S. Ed. (Bloomsburg State College); M.S. (University of Pittsburgh)  
*Dissertation*: Judging Clinical Behavior in Speech Pathology  
*Field of Specialization*: Speech
- Edward Okel, Worthington  
B.S., M.A.  
*Dissertation*: Modes of Resolving Differences as a Function of Marital Relatedness and Need for Approval  
*Field of Specialization*: Psychology
- John Norman Olsen, Oak Ridge, Tenn.  
B.S. in Phys.  
*Dissertation*: A Fractional Fringe HCN Laser-Interferometer for Measurement of Plasma Density  
*Field of Specialization*: Physics
- Lawrence Elroy Olson, Columbus  
B.A.A.E.  
*Dissertation*: The Influence of Artificially Induced Turbulence upon Boundary-Layer Transition in Supersonic Flows  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Charles Allen Oprian, Parma  
B.S. (Case Western Reserve University); M.S.  
*Dissertation*: On the Exact Power Functions of Some Rank Tests for the Trend Alternative  
*Field of Specialization*: Statistics
- Dennis Nelson Pad, Columbus  
A.B. (Albion College); M.A. (Case Western Reserve University)  
*Dissertation*: The Educational Contributions and Activities of Rutherford B. Hayes  
*Field of Specialization*: Education
- Eli Fernando Pagán, Columbus  
B.A. (Polytechnical Institute of Puerto Rico); M.S. (Kansas State University)  
*Dissertation*: Isolation of Human Pathogenic Fungi from River Water  
*Field of Specialization*: Botany
- Richard David Palmer, Oberlin  
B.A., A.M. (Oberlin College)  
*Dissertation*: Locke's Doctrine of Representative Perception  
*Field of Specialization*: Philosophy
- Richard Francis Peter, Menomonie, Wis.  
A.B. (Holy Cross College); M.E. (Colorado State University)  
*Dissertation*: The Development of a Comprehensive Achievement Test for the World of Construction  
*Field of Specialization*: Education
- Robert Lewis Pilgrim, Urbana  
B.A. Sociology (Youngstown University); M.A.  
*Dissertation*: Crime and Justice in a Small City  
*Field of Specialization*: Sociology
- W. J. Pitman, Murray, Ky.  
B.S. (Murray State Teachers College); M.S.  
*Dissertation*: Neurosecretory Sites in Three Species of Copepods: *Diatomus Stagnalis*, *Diatomus Sanguineus*, ... and *Calanus Fimmarchicus*  
*Field of Specialization*: Zoology
- Helen Mary Pollock, Santa Monica, Calif.  
B.A. (University of Wisconsin); M.S.  
*Dissertation*: RNA Transfer of Immunity Between Inbred Strains of Mice  
*Field of Specialization*: Microbiology
- Klaus-Dieter Post, Strongsville  
B.A. (University of Bonn); M.A.  
*Dissertation*: Zum Verständnis des Eich' schen Werkes aus dem Begriff der Angst  
*Field of Specialization*: German
- Rashmiraj Balkrishna Prabhu, Bombay, India  
B.Sc. (Hons.), M.Sc. (University of Bombay)  
*Dissertation*: Theory of Superfluid Fermi Systems  
*Field of Specialization*: Physics
- Frederick William Preston, Toledo  
B.A., M.A.  
*Dissertation*: Red, White, Black and Blue; The Concept of Race in American Sociology: An Exploration in the Sociology of Knowledge  
*Field of Specialization*: Sociology

Sathyavathiamma Magadi Puttarudraiah, Bangalore, Mysore, India  
B.Sc. (Hons.), M.Sc. (University of Mysore)  
*Dissertation*: Operating Characteristics of Disc Focus Dense Plasma  
*Field of Specialization*: Physics

Dennis Charles Radabaugh, Hillsdale, Mich.  
B.A. (Albion College); M.S.  
*Dissertation*: A Comparative Study of Learning in Two Species of Centrarchid Fish  
*Field of Specialization*: Zoology

Martha Topp Radabaugh, Mt. Vernon  
B.S.C. (Ohio University); M.A.  
*Dissertation*: Locus of Control and Occupational Adequacy of Educable Mental Retardates  
*Field of Specialization*: Education

Dindial Vernon Ramsamooj, Georgetown, Guyana  
B.Sc. (University of London); M.S.  
*Dissertation*: Analysis and Design of the Flexibility of Pavements  
*Field of Specialization*: Civil Engineering

Russell Raymond Raney, Greenville  
B.S. Engr. (University of Michigan); M.B.A. (University of Chicago)  
*Dissertation*: An Explanation of Changes in the Number of Farms in the United States 1910-1964  
*Field of Specialization*: Agricultural Economics and Rural Sociology

Paul Wesley Rea, Grosse Point, Mich.  
B.A. (Eastern Michigan University); M.A. (Wayne State University)  
*Dissertation*: A Teacher's Guide to the Modern American Short Story  
*Field of Specialization*: Education

Richard Alan Reid, Cleveland  
B.S. in M.E. (Case Western Reserve University); M.B.A.  
*Dissertation*: An Evaluation of a Methodology for the Analysis of Time Series Behavioral Data  
*Field of Specialization*: Business Administration

Robert Lee Riegler, Columbus  
B.E.E., M.S.  
*Dissertation*: Adaptive Optimization of Signal to Noise Ratio in Receiving Arrays  
*Field of Specialization*: Electrical Engineering

Robert Earl Rogers, Columbus  
A.B. (Eton College); M. of Educ. (University of North Carolina at Chapel Hill)  
*Dissertation*: Classroom Verbal Behavior as Related to Teachers' Perception of Pupils in Fifth-Grade Science Classes  
*Field of Specialization*: Education

Lorne Rosenblood, Hamilton, Ont., Canada  
B.S. (Case Western Reserve University); M.A.  
*Dissertation*: Information Saliency; An Explanation of the Set Size Effect in Impression Formation and Similarity-Attraction Research  
*Field of Specialization*: Psychology

Theodore Ernest Rosengreen, Seattle, Wash.  
B.S., M.S. (University of Washington)  
*Dissertation*: The Glacial Geology of Highland County, Ohio  
*Field of Specialization*: Geology

Thomas Alan Rudy, Columbus  
B. S. in Phar., M.S.  
*Dissertation*: A Pharmacologic Evaluation of Temperature Regulation in the Cat: Effects of Cerebral Microinjection of Sympathomimetic Amines, Cholinomimetics and Chlorpromazine  
*Field of Specialization*: Pharmacy

Robert Anthony Sabatino, Maximo  
M.A. (University of Notre Dame)  
*Dissertation*: Parental Perceptions of the Public School: A Comparison of Parochial School Parents' Perceptions with Those of Public School Parents  
*Field of Specialization*: Education

Richard Lee Sagness, Emporia, Kan.  
B.A. (Iowa State Teachers College); M. of Science (Kansas State Teachers College)  
*Dissertation*: A Study of Selected Outcomes of a Science Pre-Service Teacher Education Project Emphasizing Early Involvement in Schools of Contrasting Environmental Settings  
*Field of Specialization*: Education

Mary Carol Schalk, Columbus  
B.S. in Educ. (Rosary Hill College); M.A.  
*Dissertation*: Predicting Articulatory Improvement of Kindergarten Children  
*Field of Specialization*: Speech

William Thomas Schmid, Toledo  
B.A., M.A. (Bowling Green State University)  
*Dissertation*: A Historical Analysis of the Educators' Request for Non-commercial Television Channel Reservations in the United States  
*Field of Specialization*: Speech

Sister Marilyn Schmit, Milwaukee, Wis.  
B.A. (Alverno College); M.A.  
*Dissertation*: Status Consistency and Organizational Context: A Study of Public School Teachers  
*Field of Specialization*: Sociology

Anthony Bernard Schmitt, II, Cincinnati  
B.S. (Xavier University); A.M. (Saint Louis University)  
*Dissertation*: *The Winter's Tale* in Production  
*Field of Specialization*: Theatre

Holly Lois Schrank, West Allis, Wis.  
B.S., M.S. (Stout State College)  
*Dissertation*: Fashion Innovativeness and Fashion Opinion Leadership as Related to Social Insecurity, Attitudes Toward Conformity, Clothing Interest and Socioeconomic Level  
*Field of Specialization*: Home Economics

David Eugene Scott, Columbus  
B.S., M.S.  
*Dissertation*: A Test of the Validity of Simplistic Models of Visual Discrimination  
*Field of Specialization*: Biophysics

Barbara Jean Sethney, Tulsa, Okla.  
A.B. (Washington University); M.S. (Oklahoma State University)  
*Dissertation*: The Impact of an Occupational Concepts Curriculum Unit on Secondary School Age Girls in a One-Year Pre-Post-Retest Situation  
*Field of Specialization*: Education

Leon Saul Shaskolsky, Dayton  
B.A., LL.B. (University of Cape Town); M.A.  
*Dissertation*: Perceptions of Parole by Pre-Parole Prisoners  
*Field of Specialization*: Sociology

Warren Donald Shea, Trotwood  
B.A., M.A.  
*Dissertation*: The Conception of Perception  
*Field of Specialization*: Psychology

Richard Lee Shew, Massillon  
B.S. in Agr., M.S.  
*Dissertation*: Visitor Types in the National Parks: A Q-Study of Public Wants and Needs in Outdoor Recreation  
*Field of Specialization*: Zoology

Robert Everett Shimp, Jr., Delaware  
B.A. (Theil College); M.A.  
*Dissertation*: The Parliament of 1625  
*Field of Specialization*: History

Ira Jay Silverman, New York, N. Y.  
B.A. (City College, New York); M.A.  
*Dissertation*: Compulsive Masculinity and Delinquency  
*Field of Specialization*: Sociology

Richard Dale Sjoerdsma, Kenosha, Wis.  
A.B.Educ. (Calvin College); M.Music (State University of South Dakota)  
*Dissertation*: The Instrumental Works of Franz Christoph Neubauer (1760-1795)  
*Field of Specialization*: Music

John Milton Smith, Lancaster  
B.S. (Asbury College); M.S.  
*Dissertation*: The Isolation and Characterization of an Extracellular Heteropolymer from a Highly Acid Tolerant Bacillus Species  
*Field of Specialization*: Microbiology

Mark H. Smith, Jr., Highland Park, Mich.  
B.S. in Edu., M.Edu. (Wayne State University)  
*Dissertation*: The Role of Preschool Education in Alleviating the Problems of the Culturally Disadvantaged Urban Black Child  
*Field of Specialization*: Education

William Herbert Spain, Jr., Columbus  
B.S. (Pennsylvania Military College); M.Ed. (Shippensburg State College, Pennsylvania)  
*Dissertation*: An Investigation of the Effect of Non-Normality on the Discriminant Weight of the Linear Discriminant Function  
*Field of Specialization*: Education

Gerhard Reiner Spory, Brooklyn, N. Y.  
A.B. (Marietta College); M.S.  
*Dissertation*: The Fine Structure of the Excretory System and the Lateral Chords of *Hystrignathus rigidus*, Leidy, (Nematoda: Oxyuroidea) from the Intestine of *Popilius disjunctus*, (Insecta: Passalidae)  
*Field of Specialization*: Zoology

John Raymond Springer, Columbus  
B.S., M.S.  
*Dissertation*: Ion Cyclotron Resonance and the Effect of Internal Fields on Plasma Heating  
*Field of Specialization*: Physics

William Dwight Staats, Columbus  
A.B., M.A. (Marshall University)  
*Dissertation*: Power Relationships Among the Principal Participants in Collective Negotiations  
*Field of Specialization*: Education

William Joseph Stager, Jr., Columbus  
B.S. (Case Western Reserve University); M.S.  
*Dissertation*: Construction and Properties of Hyper-Quasi-Uniformities on the Hyperspace  
*Field of Specialization*: Mathematics

Barbara Dern Stoodt, Mansfield  
B.S.Educ. (Ohio University); M.A.  
*Dissertation*: The Relationship Between Understanding Grammatical Conjunctions and Reading Comprehension  
*Field of Specialization*: Education

David Charles Sweet, Columbus  
B.A. (University of Rochester); M.A. (University of North Carolina)  
*Dissertation*: Development and Application of an Industrial Potential Model  
*Field of Specialization*: Geography

Peter Szerenyi, Angola, Ind.  
B.S. (Cornell University); M.S.  
*Dissertation*: Electron Magnetic Resonance Absorption by Oriented Phosphorescent Triphenylene-h<sub>12</sub> and Triphenylene -d<sub>12</sub> at Magnetic Fields Below ~30 G From ~4 to ~250 K  
*Field of Specialization*: Chemistry

Alex Thiry, Jr., Lakewood  
B.A. (Baldwin-Wallace College); M.A. (Kent State University)  
*Dissertation*: Regency of Archduke Ferdinand, 1521-1531: First Habsburg Attempt at Centralized Control of Germany  
*Field of Specialization*: History

Bruce Wallace Thomas, Yellow Springs  
B.A. (Hiram College); M.S. in L.S. (Case Western Reserve University)  
*Dissertation*: Selection of Professional Staff in a Group of College Libraries  
*Field of Specialization*: Education

- Paul Elbert Thomas, Columbus  
B.S. (Otterbein College)  
*Dissertation*: The Effect of Oxytetracycline on Protein Synthesis and Amino Acid Metabolism in *Escherichia Coli*  
*Field of Specialization*: Biochemistry
- Thomas Ross Tortoriello, Jr., Springfield, Mass.  
A.B. (Curry College); M.S. (Emerson College)  
*Dissertation*: An Audience Centered Case Study in Judicial Rhetoric  
*Field of Specialization*: Speech
- John Ellsworth Trent, Wabash, Ind.  
B.A. (Manchester College)  
*Dissertation*: The Solvolysis of Structurally Simple N-Chloramines  
*Field of Specialization*: Chemistry
- Josann Watkins Trusty, Columbus  
B.S., M.S.  
*Dissertation*: Measurement of the Electron Affinity of Organic Dyes  
*Field of Specialization*: Physics
- John Calvin Unrue, Columbus  
B.A., M.A. (Marshall University)  
*Dissertation*: *Hali Meidenhad* and Other Virginitate Treatises  
*Field of Specialization*: English
- Douglas R. Vander Yacht, New Wilmington, Pa.  
B.A. (Western Washington State College); M.S. (Purdue University)  
*Dissertation*: Queen Victoria's Patronage of Charles Kean, Actor-Manager  
*Field of Specialization*: Theatre
- Edward Nishan Vorperian, Beirut, Lebanon  
B.A., Ph.C. (American University of Beirut); M.S.  
*Dissertation*: Part I: Terpenes of *Melodinus Australis* Maider and Betche  
Part II: Aromatic Solvent Induced Chemical Shift Differences in Rigid Bicycle [2, 2, 1] Heptane Systems  
*Field of Specialization*: Pharmacy
- James Milton Waickman, Stow  
B.S., M.A. (Kent State University)  
*Dissertation*: Resource Units in English: A Comprehensive Rationale for Curriculum Reorganization in Secondary School English Classes  
*Field of Specialization*: Education
- Donald Lavonne Ware, Port Huron, Mich.  
B.A., M.A. (Michigan State University)  
*Dissertation*: The Effects of Cultural Bilingualism upon the Ability of Special Class Educable Mentally Retarded Children to Transfer Word Meanings from Non-Standard English to Standard English  
*Field of Specialization*: Education
- Jon Reyburn Weaver, Dauphin, Pa.  
B.A. (University of Pennsylvania)  
*Dissertation*: Vaticanus Ottobonianus Latinus 1210 and Vaticanus Palatinus Latinus 869 Ff. 62-69 of the *Bellum Civile* of Marcus Annaeus Lucanus  
*Field of Specialization*: Classics
- Gene Stephen Weiss, Columbus  
A.B. (Brandeis University); M.A. (New York University)  
*Dissertation*: The Establishment of a Rationale and a Set of Criteria for the Use of Art Films in the Educational Curriculum  
*Field of Specialization*: Speech
- Clyde Wendell Welter, Palmyra, Ind.  
B.S. in Bus., M.S. in Ed. (Indiana University)  
*Dissertation*: Personal Problems of Disadvantaged and Advantaged Secondary School Students  
*Field of Specialization*: Education
- Dennis Edward Wenger, East Canton  
B.S. in Edu., M.A.  
*Dissertation*: Toward a Comparative Model for the Analysis of Community Power: A Conceptualization and Empirical Application  
*Field of Specialization*: Sociology
- James Marion White, Timmonsville, S.C.  
B.S., M.Ag. Ed. (Clemson University)  
*Dissertation*: Studies on Ripening Disorder and the Mode of Inheritance of Internal Browning in Three Crosses of Tomato *Lycopersicon Esculentum* Mill.)  
*Field of Specialization*: Horticulture
- Leonard Anthony Whitney, Jr., Columbus  
B.S. in Ed. (Youngstown University); M.S. (Springfield College)  
*Dissertation*: The Energy Cost of Eccentric and Concentric Muscular Contractions  
*Field of Specialization*: Physical Education
- John Donald Williams, Columbia, S. C.  
B.S. (University of South Carolina); M.A.  
*Dissertation*: Memory Ensemble Selection in Human Information Processing  
*Field of Specialization*: Psychology
- Edward Lee Wingard, Xenia  
B.S. in Ed., M.Ed. (Miami University)  
*Dissertation*: A Role Perception Study of Student Teaching at Central State University  
*Field of Specialization*: Education
- Esther Ann Winterfeldt, Stigler, Okla.  
B.S., M.S. (Oklahoma State University)  
*Dissertation*: The Effects of Ascorbic Acid Treatment for Osteogenesis Imperfecta  
*Field of Specialization*: Home Economics
- David Edwin Wolfe, Grove City  
B.S. in Edu., M.A.  
*Dissertation*: A Study to Determine the Feasibility of Including the Direct Experiences of Microteaching and Team Teaching, and Interaction Analysis Training in the Pre-Service Training of Foreign Language Teachers  
*Field of Specialization*: Education
- Richard Edward Wyatt, Pleasant Ridge, Mich.  
B.A. (Western Michigan University); M.A.  
*Dissertation*: The Dramatic Imagination of Pascal: A Study of Techniques of Persuasion in the *Pensées*  
*Field of Specialization*: Romance Languages

Ram Kishore Yadava, Jaipur, Rajasthan, India  
B.Sc. (University of Gorkhpur); M.Sc. (Agra University)  
*Dissertation*: The Effect of Body Condition at Calving  
Upon the Productivity of the Dairy Cow  
*Field of Specialization*: Dairy Science

Kenneth Paul Yanosko, Cleveland  
B.A. (Xavier University); M.S. (University of Chicago)  
*Dissertation*: A Characterization of the Family of Finite  
Simple Groups  $Sp_n(q)$   $q$  Even  
*Field of Specialization*: Mathematics

Vance A. Yoder, Bluffton  
B.S. (Manchester College); M.Mus. (Indiana University)  
*Dissertation*: An Investigation of the Applicability of the  
Gaston Test of Musicality to College and University  
Students  
*Field of Specialization*: Music

Joseph George Yuhas, Defiance  
B.S. in Agr., M.S., B.Sc. in Edu.  
*Dissertation*: Effects of Chronic Dietary DDT  
Administration on Behavior of Laboratory Rats  
*Field of Specialization*: Zoology

**Master of Accounting**

One candidate

Stephen Michael Todd,  
Cleveland Heights  
B.S. (John Carroll University)  
*Field of Specialization:* Accounting

**Master of Architecture**

Two candidates

Steven Weinstein, Paterson, N. J.  
B.Arch. (University of Florida)  
*Field of Specialization:* Architecture

James Thomas West, McKinney, Tex.  
B. of Arch. (Texas Technological  
College)  
*Field of Specialization:* Architecture

**Master of Arts**

Four hundred and four candidates

Ann Divelbiss Ackerman, Bellville  
B.A. (College of Wooster)  
*Field of Specialization:* English

John Edward Adams, Millersport  
A.B. (Morehead State University)  
*Field of Specialization:* Education

Wayne Edward Alt, Chatham, N.J.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Philosophy

Elbert Allan Anderson, Euclid  
A.B. (University of Pittsburgh)  
*Field of Specialization:* History

Henry Webster Arbaugh, Jr.,  
Columbus  
A.B. (Ohio University); B.S. in Edu.  
*Field of Specialization:* English

Ethel Dodrill Armstrong, Columbus  
B.S. in Edu. (Marion College)  
*Field of Specialization:* Education

William Joseph Asher, Mansfield  
B.A. (Georgetown College)  
*Field of Specialization:* Theatre

Felice Azzola, Pradalunga, Italy  
B.A. (Ohio Dominican College)  
*Field of Specialization:* Classics

Don Raymond Baesel, Berea  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* History

Elizabeth Cecile Baird, Hilliard  
B.F.A.  
*Field of Specialization:* Art

Marilyn Ann Barchauski,  
Wethersfield, Conn.  
B.S. (University of North Carolina,  
Greensboro)  
*Field of Specialization:* Physical  
Education

Robert McVay Barr, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Journalism

Jacqueline Anne Barrow, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization:* Education

Eric Bartelt, Cincinnati  
B.F.A.  
*Field of Specialization:* Art

Mary Blair Bashford, Webster  
Groves, Mo.  
B.A. (Vanderbilt University)  
*Field of Specialization:* Psychology

George Robert Baughan, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* Education

Victoria Jean Beech, Howard Beach,  
N.Y.  
B.S. (Brooklyn College)  
*Field of Specialization:* Physical  
Education

Margot Beldon, Fort Wayne, Ind.  
B.A. (Hanover College)  
*Field of Specialization:* Physical  
Education

Marla Neighbarger Bell,  
Mt. Vernon  
B.S. in Edu.  
*Field of Specialization:* Education

Dennis Gerald Belle, Newscomerstown  
B.S. in Edu.  
*Field of Specialization:* Education

Terri Lynn Beller, Wilmette, Ill.  
B.S. in Ed. (University of Wisconsin)  
*Field of Specialization:* Education

Rita Sue Bennett, Columbus  
B.S. in Ed. (Ohio Dominican College)  
*Field of Specialization:* Education

Nieki Ellen Berman, Simsbury, Conn.  
B.S. (Skidmore College)  
*Field of Specialization:* Education

Alan Scott Berry, Lancaster  
B.Mus. Ed. (Capital University)  
*Field of Specialization:* Music

Judith Mary Besanceney, Dayton  
B.S. in Ed. (University of Dayton)  
*Field of Specialization:* Education

Christine Barbara Bielawski,  
Cleveland  
B.A. (Notre Dame College)  
*Field of Specialization:* English

Nancy Jane Blackford, Perrysville  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Education

Howard Melvin Bloom, Winnipeg,  
Man., Canada  
B.A. (Gen.), B.A. (Hons.)  
(University of Manitoba)  
*Field of Specialization:* Political  
Science

Janis Groover Boice, Columbus  
B.F.A. (Pratt Institute)  
*Field of Specialization:* Art

David Laurence Bolman, Cincinnati  
B.S. in Edu.  
*Field of Specialization:* Education

Bonnie Marie Boss, Grand Rapids,  
Mich.  
B.A. (California Western University)  
*Field of Specialization:* Education

John Edward Bower, Columbus  
B.S. (Rio Grande College)  
*Field of Specialization:* Education

Judith Freeman Braithwaite,  
Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Martha Brian, Columbus  
B. J. (University of Missouri)  
*Field of Specialization:* Journalism

Edmund Wayne Brookins, Jackson  
B.S. Ed. (Rio Grande College)  
*Field of Specialization:* Education

Cynthia Lou Brooks, Portsmouth  
B.S. in Edu.  
*Field of Specialization:* Education

Carol Evans Brown, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* History

Jean Miller Brown, Columbus  
B.S. in Edu.  
*Field of Specialization:* Journalism

Susanne Pedretti Brown, Genoa, Wis.  
B.A. (Viterbo College)  
*Field of Specialization:* English

William Francis Browne, Columbus  
B.S.  
*Field of Specialization:* Psychology

Frederick George Brunner, Alliance  
B.S. in Edu.  
*Field of Specialization:* Education

- John Herbert Bryant, Columbus  
B.S. Ed. (Capital University)  
*Field of Specialization: Education*
- Phyllis Baumgardner Burkhard,  
Worthington  
A.B. (Ohio University)  
*Field of Specialization: Education*
- Carnetta Jean Burroughs, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- David Bruce Buzzard, Wilmington  
B.A. (West Liberty State College)  
*Field of Specialization: Education*
- Deloris Ann Cain, Urbana  
A.B. (Glenville State College)  
*Field of Specialization: Education*
- Ruth Holmes Campbell, Delaware  
B.S. in H.E.  
*Field of Specialization: Education*
- Rivka Ushpiz Canneto, Tel Aviv  
Israel  
B.A. (Hebrew University, Israel)  
*Field of Specialization: Education*
- John Jay Carey, Collegeville, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Political  
Science*
- Harold Peter Carlson, Appleton, Wis.  
B.S. (University of Wisconsin,  
Milwaukee);  
M.S. (University of Wisconsin,  
Madison)  
*Field of Specialization: Art*
- Barbara Lorrie Caust, Bayside, N.Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization: Psychology*
- Bruce Paul Chapnick, Clarksburg,  
W. Va.  
B.S. (West Virginia University)  
*Field of Specialization: Speech*
- Elaine Marie Cilek, Marion  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*
- †Susan Ada Clark, Fairfield, Ia.  
B.A. (Cornell College)  
*Field of Specialization: Journalism*
- Mary Ellen Cochran, Hinsdale, Ill.  
B.A. (Hanover College)  
*Field of Specialization: English*
- David Nathan Cohen, Columbus  
B.A.  
*Field of Specialization: English  
(TESOL)*
- Elliott Howard Cohen, Columbus  
A.B. (Hunter College)  
*Field of Specialization: History*
- Lorraine Iris Cohen, East  
Meadow, N. Y.  
B.A. (State University College,  
Potsdam, New York)  
*Field of Specialization: Political  
Science*
- Mary Alice Colby, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Lynn Todd Colgan, Flemingsburg, Ky.  
A.B. (Morehead State University)  
*Field of Specialization: Economics*
- John Michael Conklin, Columbus  
A.B. (Ashland College)  
*Field of Specialization: Education*
- Alfred Lynwood Cooke, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Rebecca Gay Corner, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Education*
- Maureen Monske Cote, Columbus  
B.S. in Edu.  
*Field of Specialization: Slavic  
Languages*
- Mary Susan Crabtree, Springfield,  
Mass.  
A.B. (Oberlin College)  
*Field of Specialization: English  
(TESOL)*
- Sally Jean Crampton, Westfield, N. J.  
B.A. (Bucknell University)  
*Field of Specialization: Education*
- Charles Morris Crawford, Columbus  
B.A. (Greenville College)  
*Field of Specialization: Education*
- James Olin Criswell, Worthington  
B.S. in Edu.  
*Field of Specialization: Education*
- Martha Ragsdale Croft, Columbus  
B.A.  
*Field of Specialization: History*
- Maile Collins Cua, Westerville  
B.B.A. (Southern Luzon College,  
Philippines)  
*Field of Specialization: Education*
- Anthony Francis Davidauskis,  
Norwood, Mass.  
B.A. (Northeastern University)  
*Field of Specialization: Psychology*
- Judith Elaine Davis, South Britain,  
Conn.  
B.F.A. (Moore College of Art)  
*Field of Specialization: Art*
- Carol Stottlemeyer Dawson, Columbus  
B.S.  
*Field of Specialization: Psychology*
- Charlotte Downey DeFrece, Pueblo,  
Colo.  
B.S. (Southern Colorado State  
College)  
*Field of Specialization: Education*
- Gene Royce Delaplane, Upper  
Sandusky  
B.S. in Edu.  
*Field of Specialization: Education*
- Andrew Nelson Denman, Oxford  
B.Mus, B.S. in Edu.  
*Field of Specialization: Music*
- Barbara Walcott Denner, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Roger Maurice Dickey, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Suzanne Burgoyne Dieckman,  
St. Joseph, Mich.  
B.A. (Michigan State University)  
*Field of Specialization: Theatre*
- Paul Wesley Doles, New Carlisle  
B.S. in Edu. (University of Dayton)  
*Field of Specialization: Education*
- Kathryn Bentley Dreher, Virginia  
Beach, Va.  
A.B. (University of Miami)  
*Field of Specialization: Speech*
- Katherine Strickland Drenning,  
Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- John Harold Drury, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*
- Anne Patrizio Durette, Muncy, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Education*
- Charles Benton Dygert, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Donald Albert Eby, Columbus  
B.S. (Wilmington College)  
*Field of Specialization: Physical  
Education*

† Degree Awarded Posthumously

Stephen Orville Edwards, Fairfax, Va.  
B.S. (United States Military Academy)  
*Field of Specialization:* Journalism

Carol Beatrice Eisenmann, Valley City  
B.S. in Edu.  
*Field of Specialization:* English (TESOL)

Elaine Lewis Ellis, Marysville  
B.S. in Ed. (Otterbein College)  
*Field of Specialization:* Education

Nora Graver Eramo, Elmore  
B.S. Ed. (Capital University)  
*Field of Specialization:* Education

Ellen Rapp Farquharson, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Lucinda Pearce Fedak, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Elia Filippi, Columbus  
A.B. (West Liberty State College)  
*Field of Specialization:* Education

Karen L. Filoso, Dayton  
B.S. in Edu. (Miami University)  
*Field of Specialization:* Education

Norma Lois Flate, Cleveland Heights  
B.S. in Edu.  
*Field of Specialization:* Education

Delbert Arthur Fordham, Jr., Marietta  
B.A. (Marietta College)  
*Field of Specialization:* Political Science

Michael Lewis Freilich, Hanover, Pa.  
B.S. (Columbia University)  
*Field of Specialization:* Philosophy

Joel Bernard Friedman, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

James Delbert Fullen, Newark  
B.A.  
*Field of Specialization:* Education

Karen Joyce Fuller, Xenia  
B.S. in Edu. (Miami University)  
*Field of Specialization:* Education

Gregg Michael Furth, Lakewood  
B.S. in Edu.  
*Field of Specialization:* Education

Sharon Kay Garner, Columbus  
B.S.  
*Field of Specialization:* Education

Katherine Ellen Gartland, Washington, D.C.  
B.A. in Ed. (George Washington University)  
*Field of Specialization:* Education

William John Gasser, Poland  
B.S. in Bus. Adm.  
*Field of Specialization:* Economics

Eleanor Porter Gay, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Barbara Ann Geistweit, Williamsport, Pa.  
B.A.  
*Field of Specialization:* Anthropology

Corwin Augustin Georges, Jr., Clarksville  
A.B. (Morehead State University)  
*Field of Specialization:* Theatre

Anne Reed Gibson, Columbus  
B.A. (Stephens College)  
*Field of Specialization:* Education

George Allison Goehl, Columbus  
B.A.  
*Field of Specialization:* Education

John Ridgely Goral, Columbus  
B.S. (Purdue University)  
*Field of Specialization:* Psychology

Justin Paul Gorelik, Madison, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization:* Slavic Languages

Roger David Graber, Columbus  
B.S. (Bluffton College)  
*Field of Specialization:* Education

Theodore Grinvalds, Springfield  
B.A. (Wittenberg University)  
*Field of Specialization:* German

Bryan Allan Grove, Juneau, Alaska  
B.S. in Educ. (Kansas State Teachers College)  
*Field of Specialization:* Art

Eugene Clarence Guess, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Harold George Hager, Delaware  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization:* Music

Nicholas Owen Hainen, Fostoria  
B.S. in Edu.  
*Field of Specialization:* Education

Richard Lewis Hamilton, Mansfield  
B.S. in B.A. (Ashland College)  
*Field of Specialization:* Education

James Robert Hamm, Columbus  
B.S. in Ed. (University of Dayton)  
*Field of Specialization:* Education

Charles Herbert Hammond, Jr., Akron  
B.S. (United States Air Force Academy)  
*Field of Specialization:* Romance Languages

Kurt Hansen, Amlin  
B.S. in Edu.  
*Field of Specialization:* Physical Education

Judianne Courter Harbaugh, Powell  
B.S. in Edu.  
*Field of Specialization:* Education

Barbara Martin Hardy, Columbus  
B.A. (Michigan State University)  
*Field of Specialization:* Art

James Thomas Hardy, Columbus  
A.B. (College of Saint Charles Borromeo); B.A. (Ohio Dominican College)  
*Field of Specialization:* Education

Harold Dean Hart, Goshen  
B.S. (Cumberland College)  
*Field of Specialization:* Education

Rosemary Hart, Santa Barbara, Calif.  
B.A. in Political Science (University of California)  
*Field of Specialization:* Speech

Joseph Dale Hartman, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Joan Walker Hausrath, Euclid  
B.S. Ed., M.F.A. (Bowling Green State University)  
*Field of Specialization:* Art

Larry Stephen Haverkos, Cincinnati  
B.S. (University of Cincinnati)  
*Field of Specialization:* Education

Krista Dean Havill, Springfield  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education

Joice Arleen Hayden, Galion  
B.S. (Florida Southern College)  
*Field of Specialization:* Education

Kenneth Earl Heaps, Mount Vernon  
B.A. (College of Wooster); B.S. in Edu.  
*Field of Specialization:* Education

Douglas Bruce Henderson, Grand Island, N. Y.  
B.S. (Saint Lawrence University)  
*Field of Specialization:* Psychology

Joan Leslie Herzig, San Diego, Calif.  
A.B. (San Diego State College)  
*Field of Specialization:* Education

Margaret Talitha Hill, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Robert Lewis Hillis, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization*: History

Linda Gayle Hodel, Canton  
B.S. in Edu.  
*Field of Specialization*: English  
(TESOL)

Stanley William Hodge, San Bernardino, Calif.  
B.A. (California State College at San Bernardino)  
*Field of Specialization*: Political Science

Robert Michael Hofmann, Newark, N. J.  
B.A. (Seton Hall University)  
*Field of Specialization*: Psychology

Mary Patricia Holter, Cincinnati  
B.A. (Saint Mary-of-the-Woods College)  
*Field of Specialization*: Romance Languages

Diane Flory Hoie, Columbus  
B.S. in Educ. (Kent State University)  
*Field of Specialization*: Education

Ronald Ernest Hopkins, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Leona Castiglione Hotchkiss, Columbus  
B.A. (Eastern Michigan University)  
*Field of Specialization*: Education

Karin Allen Hoyt, Columbus  
B.A. (Case Western Reserve University)  
*Field of Specialization*: Art

Gwenyth Jill Hudnall, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Floyd Earl Hughes, Council Bluffs, Ia.  
A.B. (Grinnell College)  
*Field of Specialization*: Theatre

Cassandra Sharrock Hull, West Lafayette  
B.S. (Malone College)  
*Field of Specialization*: Education

Ruth Ann Hummel, Mt. Holly Springs, Pa.  
B.A. (Indiana University of Pennsylvania)  
*Field of Specialization*: Psychology

John Robert Hunt, Everett, Wash.  
B.A., M.A. (University of Washington)  
*Field of Specialization*: Art

Richard Allan Hutchins, Plymouth, N. H.  
B.Ed. (Plymouth State College)  
*Field of Specialization*: Physical Education

Evelyn Pfaff Hutchison, Columbus  
B.A. (Marietta College)  
*Field of Specialization*: Education

Lauren Jean Hyatt, State College, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization*: Education

Melvin Rodney Hyatt, Mt. Vernon  
B.S. in Edu.  
*Field of Specialization*: Education

Alicia Armas Iglesias, Worthington Dr. (University of Havana)  
*Field of Specialization*: Education

Barbara Taylor James, Croton  
B.S. in Edu.  
*Field of Specialization*: Education

Jayne Haynes James, Ashtabula  
B.S. in Edu.  
*Field of Specialization*: Education

Patricia Johnson Jannette, Cleveland  
B.A. (Bowling Green State University)  
*Field of Specialization*: English  
(TESOL)

Gary Charles Jaquay, Hamilton, N. Y.  
B.S. (State University College, Potsdam, New York)  
*Field of Specialization*: Music

Lynne Davis Jeffries, Brecksville  
B.S. in Edu. (Miami University)  
*Field of Specialization*: Education

Donald Floyd Jennings, Bearsville, N. Y.  
B.S., M.S. (State University College of New York, New Paltz)  
*Field of Specialization*: Art

Jane Lynne Jessup, Columbus  
B.S. in Edu. (Miami University)  
*Field of Specialization*: Education

Edith Louise Johnson, Lancaster  
B.S. Ed. (Ohio University)  
*Field of Specialization*: Education

Geraldine Ann Johnson, Geneva, Ill.  
B.S. Ed. (Ohio University)  
*Field of Specialization*: Physical Education (Health Education)

James Richard Johnson, Columbus  
B.A. (University of Akron)  
*Field of Specialization*: Education

Linda Mele Johnson, Lakewood  
B.A. (Cleveland State University)  
*Field of Specialization*: Education

Meredith Anne Johnson, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization*: Education

Richard Terrence Johnston, Toledo  
B.S. in Edu.  
*Field of Specialization*: Education

David Allen Jones, Avon Lake  
B.A.  
*Field of Specialization*: Journalism

Henry Tipton Jones, Baltimore, Md.  
B.F.A., M.F.A. (Maryland Institute, College of Art)  
*Field of Specialization*: Art

James Benjamin Jones, Columbus  
B.M.Ed. (University of Louisville)  
*Field of Specialization*: Music

Judy Gayle Jones, Jacks Creek, Tenn.  
B.A. (David Lipscomb College)  
*Field of Specialization*: Speech

Patricia Ann Jones, Milwaukee, Wis.  
B.S. (Agricultural, Mechanical and Normal College of Arkansas)  
*Field of Specialization*: Education

Ann Swertfeger Joseph, Columbus  
A.B. (Oberlin College)  
*Field of Specialization*: Education

Sister Ann Mary Jurka, Columbus  
B.S. (Our Lady of Cincinnati College)  
*Field of Specialization*: Education

John Albert Justus, Columbus  
B.S. in Edu.  
*Field of Specialization*: Music

Barbara Ann Kachmarik, Parma  
B.A. (Baldwin-Wallace College)  
*Field of Specialization*: Education

Barbara Arthur Kadunc, Euclid  
B.S. in Edu.  
*Field of Specialization*: Education

Carol Rachlin Kane, Columbus  
B.S. in Edu. (City College, New York)  
*Field of Specialization*: Education

Mary Katherine Karrer, Dublin  
B.S. in Edu.  
*Field of Specialization*: Education

Kathryn Gantzert Karsh, Mazon, Ill.  
A.B. (Oberlin College)  
*Field of Specialization:* Education

Larry Robert Keadey, Centerburg  
B.S. in Edu. (Capital University)  
*Field of Specialization:* Education

Linda Zimmers Keller, New Madison  
B.A. (Otterbein College)  
*Field of Specialization:* Romance Languages

Gerald Rene Kelley, Amherst  
B.A. (Otterbein College)  
*Field of Specialization:* Romance Languages

Marcia Overbeck Kepley, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Donald Amos Kessler, Billings, Mont.  
B.S. (Eastern Montana College of Education)  
*Field of Specialization:* Art

Patricia Jean King, Wheaton, Ill.  
B.A. (North Central College)  
*Field of Specialization:* English (TESOL)

Leslie Anne Klein, University Heights  
A.B. Ed. (University of Michigan)  
*Field of Specialization:* Education

James Earl Klinzing, West Allis, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Physical Education

Eugene Andrew Knight, Richmond  
B.S. Ed. (Kent State University)  
*Field of Specialization:* Education

Victor Nelson Knox, Columbus  
B.S. (Findlay College)  
*Field of Specialization:* Education

Joseph Bernard Kope, Youngstown  
A.B. (University of Pennsylvania);  
B.S. Ed. (Youngstown University)  
*Field of Specialization:* Education

Melissa Dell Krabill, Wadsworth  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education

Thomas Preston Kridler, Steubenville  
B.A.  
*Field of Specialization:* Political Science

Dale Marie Krizek, Oak Park, Ill.  
B.S. Des. (University of Michigan)  
*Field of Specialization:* Art

Karen Lee Lako, Rocky River  
B.A. (Michigan State University)  
*Field of Specialization:* Education

Patricia Jarosi Lance, Toledo  
B.S. in Edu.  
*Field of Specialization:* Education

Donna Alvarado Lane, Columbus  
B.A.  
*Field of Specialization:* Romance Languages

Frank Peter Lane, Columbus  
A.B. (Ohio Northern University)  
*Field of Specialization:* History

Susan Jane Laymaster, Waverly  
B.A. (Maryville College, Tennessee)  
*Field of Specialization:* Art

Stephanie Taylor Layton, Wilton, Conn.  
B.S. in Edu.  
*Field of Specialization:* Speech

Carol Bechtel Leatherman, Columbus  
B.A. (Anderson College)  
*Field of Specialization:* Education

Julie Spira Ledsky, Cleveland  
B.S. in Edu.  
*Field of Specialization:* Education

Laura Ann Leibowitz, Jersey City, N. J.  
B.A. (Jersey City State College)  
*Field of Specialization:* Education

Andrea Durham Lentz, Columbus  
B.A. (Denison University)  
*Field of Specialization:* History

Richard Allen Levin, Cleveland  
B.S. in Bus. Adm.  
*Field of Specialization:* Economics

Cynthia Burton Levy, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization:* Education

Ruth Ann Dodson Lewis, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Earl Elwood Linhart, Columbus  
B. Music Ed. (Capital University)  
*Field of Specialization:* Music

Donna Lipkowitz, Brooklyn, N. Y.  
B.A. (Brooklyn College)  
*Field of Specialization:* Political Science

Diane Lynn Liptack, Richmond Heights  
B.A. (Kent State University)  
*Field of Specialization:* Political Science

Joan Stanbridge Lomax, Edmonton, Alta., Canada  
B.S. in Edu.  
*Field of Specialization:* Education

Gary Roger Long, Edenton  
B.S. in Edu.  
*Field of Specialization:* Education

Amos John Loveday, Jr., Columbus  
B.S. in Edu.  
*Field of Specialization:* History

Claudia Jean Lowe, Akron  
A.B. (Asbury College)  
*Field of Specialization:* Theatre

Andrya Huffman Lowther, West Mansfield  
B.S. in Edu.  
*Field of Specialization:* Education

J. Hernan Lozano, Buga, Colombia  
*Field of Specialization:* Romance Languages

Patricia Anne Lyons, Astoria, N. Y.  
B.A. (Queens College)  
*Field of Specialization:* Education

Ralph Nikolas Macioci, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Luellen Mack, Gary, Ind.  
B.A. Ed. (Langston University)  
*Field of Specialization:* Education

Mary Ann Madura, Dayton  
B.S. (Our Lady of Cincinnati College)  
*Field of Specialization:* Education

John Howard Martin, Columbus  
B.S. in Edu. (Bowling Green State University)  
*Field of Specialization:* Education

Robert Howard Martin, Vermilion  
B.B.A. (Case Western Reserve University)  
*Field of Specialization:* Education

Pamela Wheeler Maxwell, Columbus  
B.S. (Memphis State University)  
*Field of Specialization:* Education

Kathleen Elizabeth McCarthy, Columbus  
B.A.  
*Field of Specialization:* Speech

Patricia Kathleen McCoy, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Winifred Stevens McFarland,  
Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Raymond Darrell McIntire, Marietta  
B.F.A.  
*Field of Specialization: Art*

Rhoda Cooper McIntyre, Hilliard  
B.S. (Monmouth College, Illinois)  
*Field of Specialization: Education*

Howard Cooper McKinley,  
Sewell, N. J.  
B.A. (Trouton State College)  
*Field of Specialization: Education*

Sidney Edward McLaurin, Wooster  
B.S. Ed. (Wilberforce University)  
*Field of Specialization: Music*

Mary Margaret McLean, Columbus  
B.A.  
*Field of Specialization: Education*

Richard Paul McMillan, Mt. Vernon  
B.A. (Otterbein College)  
*Field of Specialization: Education*

David Thomas McNamara, Delaware  
B.A. (Case Western Reserve  
University)  
*Field of Specialization: Education*

John Marshall Means, Washington  
Court House  
B.S. Sec. Ed., A.M. (West Virginia  
University)  
*Field of Specialization: English*

Ann Salts Mehaffey, Columbus  
B.A. (Notre Dame College)  
*Field of Specialization: Education*

Charles Arthur Mehaffey, Old Fort  
B.S. in Edu.  
*Field of Specialization: Education*

Carter David Mehl, Cuyahoga Falls  
B.A.  
*Field of Specialization: Psychology*

Cheryl Lynn Meredith, Bellbrook  
B.A. in Jour.  
*Field of Specialization: Journalism*

Barbara Ann Michelakis, Columbus  
B.S. Ed. (Bowling Green State  
University)  
*Field of Specialization: Education*

James Craig Milani, Hasbrouck  
Heights, N. J.  
B.S. (Iona College)  
*Field of Specialization: Psychology*

Carole Lewis Miller, Worthington  
B.S. in Edu.  
*Field of Specialization: Education*

David Ellis Miller, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Jayne Frederick Miller, Columbus  
B.S. in Edu. (Kent State University)  
*Field of Specialization: Education*

Richard Allan Miller, Spring  
Valley, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization: Political  
Science*

Stephen Malcolm Millett, Columbus  
B.A. (Miami University)  
*Field of Specialization: History*

Betty Ellen Minder, Cincinnati  
B.A. (Miami University)  
*Field of Specialization: Romance  
Languages*

Josephine Ondreyicka Moore,  
Caldwell  
B.S. in Ed. (Muskingum College)  
*Field of Specialization: Education*

Marcia Ruth Morgan, Fort Worth  
Tex.  
B.A. (Texas Wesleyan College)  
*Field of Specialization: Physical  
Education*

Suzanne Katz Morris, Columbus  
B.A.  
*Field of Specialization: Psychology*

Grace Anne Franklin Mullen,  
Fairborn  
B.A.  
*Field of Specialization: Political  
Science*

Thomas Patrick Murphy,  
Bronx, N. Y.  
B.A. (Fordham University)  
*Field of Specialization: English*

Barbara Walter Murtagh, Columbus  
B.A. (Oberlin College)  
*Field of Specialization: German*

Alberta Jones Myers, Mt. Sterling  
B.S. in Edu.  
*Field of Specialization: Education*

Winifred Kinsel Nagle, Mansfield  
A.B. (Ashland College)  
*Field of Specialization: Music*

Marian Merchant New, Mt. Vernon  
B.A. (University of Minnesota)  
*Field of Specialization: Education*

Harriet Kathryn Nied, Northfield  
B.A.  
*Field of Specialization: English  
(TESOL)*

Ronald Eugene Nocks, Westerville  
B.S. in Edu.  
*Field of Specialization: Theatre*

Sharon Haley Norman, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

David Neff Nungesser, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Clarice Alta Oberholzer, Columbus  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*

Jeannette Shor-Lerner Oeltjen,  
Madellin, Colombia  
*Field of Specialization: Romance  
Languages*

Kenneth Alfred Parker, Euclid  
B.S. (University of Massachusetts)  
*Field of Specialization: Agricultural  
Education*

Susan Helen Parris, Valley  
Stream, N. Y.  
A.B. (University of Rochester)  
*Field of Specialization: Philosophy*

Patricia Wagner Parsons,  
Washington Court House  
B.S. in Edu.  
*Field of Specialization: Education*

Richard Carl Paullin, Mansfield  
B.S. in Edu.  
*Field of Specialization: Education*

Victoria Paynter Pennington, Xenia  
B.A. (Pennsylvania State University)  
*Field of Specialization: Music*

Alice Jeanette Penrose, Columbus  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*

Gregory Lee Peters, Oxford  
B.A. (Miami University)  
*Field of Specialization: Psychology*

Richard Ronald Piech, Columbus  
B.S. in Edu. (New York State  
University College of Education at  
Buffalo)  
*Field of Specialization: Education*

Richard Cecil Pilsbury, Jr., Toledo  
B.A. in Jour.  
*Field of Specialization: Journalism*

William Frederick Pinar, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Darlene Karen Podgorski, Detroit,  
Mich.  
B.A. (Wayne State University)  
*Field of Specialization*: Speech

Dennis Ray Pollock, Columbus  
B.A. in Jour.  
*Field of Specialization*: Journalism

Thomas Jay Pollock, Columbus  
B.S.  
*Field of Specialization*: Education

Nancy Kay Popa, Columbus  
B.A. in Jour.  
*Field of Specialization*: Journalism

Ronald Norwood Ramey, Lancaster  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education

Jerome Thomas Rampelt, Parma  
B.S. in Edu.  
*Field of Specialization*: Education

William Hayward Randolph, Dayton  
B.A., B.S. in Edu.  
*Field of Specialization*: Education

Frederick Lee Rausch, Cambridge  
B.S. Ed. (Ohio Northern University)  
*Field of Specialization*: Education

Gregory Thomas Ray, Mammoth  
Lakes, Calif.  
B.S. (University of Wyoming)  
*Field of Specialization*: Journalism

Dolores Ann Recktenwald, Columbus  
B.M. (Nazareth College)  
*Field of Specialization*: Music

Marilyn Davis Reed, Milford  
B.F.A.  
*Field of Specialization*: Education

John Emerson Reeves, Akron  
B.A.  
*Field of Specialization*: Sociology

Cheri Florance Resler, Delaware  
B.A. (Muskingum College)  
*Field of Specialization*: Speech

Donna Dougherty Richey, Columbus  
B.Edu. (University of Toledo)  
*Field of Specialization*: Education

Katherine Gertrude Bach Ricketts,  
Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Frederick Lee Riley, Newcomerstown  
B.Mus. in Mus. Ed. (West Virginia  
University)  
*Field of Specialization*: Music

Jennifer Ross Rinehart, Columbus  
B. Mus. (Heidelberg College)  
*Field of Specialization*: Music

David Robert Ripper, Washington, Pa.  
B.A.  
*Field of Specialization*: English

David Carroll Roberts, Columbus  
A.B. (Asbury College)  
*Field of Specialization*: History

Janet Moats Roberts, Waverly  
B.S. Ed. (Ohio University)  
*Field of Specialization*: Art

Vernon Dean Roberts, Florence, Colo.  
B.A. (Southern Colorado State  
College)  
*Field of Specialization*: Art

Meta Yvonne Robinson, Memphis,  
Tenn.  
B.A. (Maryville College)  
*Field of Specialization*: English

Pamela Arlene Robinson, Columbus  
B.F.A.  
*Field of Specialization*: Art

Robert Blaine Robinson, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Victor Roessler, Jr., Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Sister Alberta Rohrkemper, Dayton  
A.B. (Trinity College, Washington,  
D. C.)  
*Field of Specialization*: Education

William Vincent Roll, Zanesville  
B.A.  
*Field of Specialization*: Psychology

Floyd Joseph Rotunno, Worthington  
B.A. (Don Bosco College)  
*Field of Specialization*: Education

Thomas William Roulston, Lorain  
A.B. (Bowdoin College)  
*Field of Specialization*: Theatre

Paula Jaquette Roush, Baltimore, Md.  
B.S.F.S. (Georgetown University)  
*Field of Specialization*: History

Marcia Jean Ruley, Columbus  
B.S. (Case Western Reserve  
University)  
*Field of Specialization*: Education

Rebecca Ruth Rumberger, Aldan, Pa.  
B.A. (Houghton College)  
*Field of Specialization*: Education

Thomas Joseph Sacco,  
Woodside, N. Y.  
B.S. in Edu.  
*Field of Specialization*: Education

Janet Nobuko Sakai, Honolulu,  
Hawaii  
Ed. B. (University of Hawaii)  
*Field of Specialization*: Education

John Paul Sammons, Seattle, Wash.  
B.A. (Seattle University)  
*Field of Specialization*: Journalism

Charles Frederic Sanford, Freeport  
A.B. (Hanover College); B.D.  
(McCormick Theological Seminary)  
*Field of Specialization*: Anthropology

Arnold Carl Sauter, Malone, N. Y.  
B.S. in Edu. (State University of  
New York at Buffalo)  
*Field of Specialization*: Art

Thomas Grant Scholl, Columbus  
B.S. in Edu.  
*Field of Specialization*: Physical  
Education

Roberta Federbush Schonemann,  
Columbus  
A.B. (Douglass College)  
*Field of Specialization*: Education

Sonja Simonsen Schrag, Columbus  
B.S. in Edu. (University of  
Wisconsin)  
*Field of Specialization*: English

Jerome Joseph Schultz, Columbus  
B.A.  
*Field of Specialization*: Education

Jerrold Joseph Schwartz,  
Philadelphia, Pa.  
B.S. in B.A. (Drexel Institute of  
Technology)  
*Field of Specialization*: History

Roberta Rae Seale, Dallas, Tex.  
B.A. (Colorado College)  
*Field of Specialization*: Speech

Frederick Lynn Shafer, Columbus  
B.A. (Capital University); M.S.  
(Columbia University)  
*Field of Specialization*: English

Louise Ritchie Shaw, Concord, Mass.  
B.S. in Ed. (Bouve-Boston School)  
*Field of Specialization*: Physical  
Education

Margaret Lynn Shaw, Tallmadge  
B.A.  
*Field of Specialization*: English

Deanna Darrow Shockney, Columbus  
B.S. in Edu.

*Field of Specialization* : Education

Mark Canon Sholander, Cleveland  
A.B. (Cornell University)  
*Field of Specialization* : Political  
Science

Avis Fortner Siber, Columbus  
A.B. (MacMurray College)  
*Field of Specialization* : Education

Angela-Rae Sicuro, Columbus  
B.S. in Edu. (Kent State University)  
*Field of Specialization* : Education

David Allen Siegfried, Brunswick  
B.S. in Edu.  
*Field of Specialization* : Theatre

Dianne Marie Sinnwell,  
Des Moines, Ia.  
B.A. (Dominican College)  
*Field of Specialization* : English  
(TESOL)

Wilson Vernon Skelton, Mansfield  
B.A. (College of Wooster)  
*Field of Specialization* : Education

Anne Gaston Slaughter, Columbus  
B.A. (Miami University)  
*Field of Specialization* : Education

Jeffrey Harold Slauson, Marion  
B.S. in Edu.  
*Field of Specialization* : Education

Marydell Smith, New Lebanon  
B.S. in Ed. (Miami University)  
*Field of Specialization* : Education

Ralph Leslie Smith, Jr., Columbus  
B.A. (Otterbein College)  
*Field of Specialization* : Education

Stephen Leonard Smith, Kettering  
B.A. (Wright State University)  
*Field of Specialization* : Geography

Thurston Alonzo Smith, III,  
Columbus  
B.A. (Louisiana State University)  
*Field of Specialization* : English  
(TESOL)

Janis McSpadden Sneed,  
Batesville, Ark.  
B.S.E. (State College of Arkansas)  
*Field of Specialization* : History

Linda Khatoon Soffer, Forest  
Hills, N. Y.  
B.A. (Adelphi University)  
*Field of Specialization* : English

Martin Soslosky, Brooklyn, N. Y.  
A.B., M.A. (Brooklyn College)  
*Field of Specialization* : Art

Troas Allene Sperling, Columbus  
B.A. (Olivet Nazarene College)  
*Field of Specialization* : Education

James William Spicer, Mt. Vernon  
B.A. (Muskingum College)  
*Field of Specialization* : Education

Maria Lidia Spinelli, Bahia Blanca,  
Argentina  
*Field of Specialization* : Romance  
Languages

Susan Merle Spitzer, New  
Rochelle, N. Y.  
B.A. (American University)  
*Field of Specialization* : Education

Horst Peter Stehmer, Columbus  
B.A.  
*Field of Specialization* : Political  
Science

Sister Elizabeth Ann Stock,,  
Charleroi, Pa.  
B.S. (Seton Hill College)  
*Field of Specialization* : Education

Hedwig Theresia Stocker, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization* : History

Jeanne Tesi Stoll, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education

Alfred Richard Stone, Springfield  
B.S. (Hampton Institute) ; B.S. in  
Edu.  
*Field of Specialization* : Education

Joseph Stotski, Carnegie, Pa.  
B.S. in Edu.  
*Field of Specialization* : Education

Doris McIntire Straley, Gahanna  
B.S. in Edu. (Ohio University)  
*Field of Specialization* : Education

Sister Patricia Ellen Sullivan,  
Passaic, N. J.  
B.A. (Mount Saint Mary College)  
*Field of Specialization* : Education

Allen Jerome Swaim, Columbus  
LL.B. (Ohio Northern University) ;  
B.A.  
*Field of Specialization* : Education

Donald Reuben Swanson, Boise, Idaho  
B.A. (College of Idaho)  
*Field of Specialization* : Art

Stephen Robert Swartz, Elba, N. Y.  
B. S. in Edu.  
*Field of Specialization* : History

Linda Masako Tani, Honolulu, Hawaii  
Ed.B. (University of Hawaii)  
*Field of Specialization* : Education

Eleanor Ann Taylor, Detroit, Mich.  
Ph.B. (Stena Heights College) ; M.A.  
(Wayne State University)  
*Field of Specialization* : Art

Ellen Schutte Taylor, Chagrin Falls  
B.S. (Miami University)  
*Field of Specialization* : Education

Patricia Jane Taylor, Dayton  
B.S. (Miami University)  
*Field of Specialization* : Education

Kay Garverick Teagardner, Galion  
B.S. in Edu.  
*Field of Specialization* : Education

Abigail Thistlewaite, Columbus  
B.A. (Waynesburg College)  
*Field of Specialization* : Education

David Alan Thompson, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education

David Earl Thompson, Columbus  
B.A. in Jour.  
*Field of Specialization* : Journalism

Graham Lee Thompson, Chillicothe  
B.S. in Ed. (Otterbein College)  
*Field of Specialization* : Education

Mary Beth Thompson, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education

Mary Flynn Tira, Worthington  
B.A. (Rosary College)  
*Field of Specialization* : Education

Michael Robert Toombs, Columbus  
B.A.  
*Field of Specialization* : English

Deno George Torges, Ostrand?  
B.A.  
*Field of Specialization* : English

George Emerson Troutman, Groveport  
B.S. in Ed. (Capital University)  
*Field of Specialization* : Physical  
Education

Irene Patricia Tully, Chicago, Ill.  
B.A. (Mundelein College)  
*Field of Specialization* : Education

Alexander MacCaul Turner, Jr.,  
Delaware  
B.A. (Wittenberg University) ; B.S.  
in Edu.  
*Field of Specialization* : Education

Mary Dustan Turner, Columbus  
B.A.  
*Field of Specialization* : English

Virginia Ruth Ulrich, Upper Sandusky  
B.S. in Edu. (Capital University)  
*Field of Specialization:* Education

Joanne Schneider Umlou, Columbus  
B.A. (University of Wisconsin)  
*Field of Specialization:* Education

Jessica Johnson VanOrman, Delaware  
B.S. in Edu.  
*Field of Specialization:* Education

Donna Marie Vaudrin, Barberton  
B.S. (Murray State University)  
*Field of Specialization:* Psychology

Judith Ann Vereruisse, Kenmore, N. Y.  
B.S. in Ed. (State University College, Buffalo, New York)  
*Field of Specialization:* Education

John Joseph Vetere, Worthington  
B.A. (Don Bosco College)  
*Field of Specialization:* Education

Lucia Silva Villalon, Columbus  
Doctor en filosofia y letras  
(Universidad de la Habana)  
*Field of Specialization:* Romance Languages

Carol Felling Volkens, Terre Haute, Ind.  
B.S. (Indiana State University)  
*Field of Specialization:* Education

Suzanne Haren Wadsworth, Greenville  
B.S. in Edu.  
*Field of Specialization:* Education

Eunice Mannette Ward, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Gordon Christian Warnes, Westerville  
B.A.  
*Field of Specialization:* Speech

Paul Victor Washburn, Boiling Springs, N. C.  
B.A. (Wake Forest University)  
*Field of Specialization:* Psychology

Margaret Berkenstock Watson, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Craig Martin Weaver, Columbus  
B.S. in Edu.  
*Field of Specialization:* Journalism

Sharon Patten Weber, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Albert James Wehrle, Bay Village  
B.A. (College of Wooster)  
*Field of Specialization:* Slavic Languages

Mary Shaker Weiss, Niles  
B.A. (Catholic University of America)  
*Field of Specialization:* Art

Kenneth Herbert Wenker, Camarillo, Calif.  
B.A. (Saint John's College)  
*Field of Specialization:* Philosophy

Anthony Francis Wentersdorf, Cincinnati  
B.A. (Xavier University)  
*Field of Specialization:* English

LeRoy Howard White, Van Wert  
B.Mus.Ed. (Mount Union College)  
*Field of Specialization:* Music

Adoria Henry Whittaker, Columbus  
B.S. Ed. (Capital University)  
*Field of Specialization:* Education

Edna Southerland Wieland, Columbus  
B.S. Ed. (University of Tennessee)  
*Field of Specialization:* Education

Karen Alexander Wilkens, Columbus  
B.S. in Edu.  
*Field of Specialization:* Speech

Janice Diane Williams, Marysville  
B.S. in Edu.  
*Field of Specialization:* Education

Jean Elaine Williams, Columbus  
B.A.  
*Field of Specialization:* Slavic Languages

Susan Jo Willis, Columbus  
B.F.A.  
*Field of Specialization:* Art

Susan Cox Wilson, Worcester, Mass.  
B.A. (Lake Erie College)  
*Field of Specialization:* Art

Linda Riskin Winger, Indianapolis, Ind.  
B.S. in Edu.  
*Field of Specialization:* Education

Marshall Winger, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Susan Shepard Wirenski, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Mary Ann Wisnieski, Elmwood Park, Ill.  
B.A. Ed. (School of the Art Institute of Chicago)  
*Field of Specialization:* Art

Raymond B. Wolford, Findlay  
B.S. in Edu.  
*Field of Specialization:* Music

James Scott Worley, Columbus  
B.S. in Occ. Ther.  
*Field of Specialization:* Education

Louisia BeLinda Wynn, Miami, Fla.  
B.Ed. (University of Miami)  
*Field of Specialization:* Education

Donna Peters Yaklevich, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Psychology

Terry Howard Yoakum, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Charles George Zeisser, Jr., Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Education

Marjorie Martha Ziegler, Southgate, Ky.  
A.B. (University of Cincinnati)  
*Field of Specialization:* Romance Languages

William Craig Zimpher, Piqua  
B.A.  
*Field of Specialization:* History

#### **Master of Business Administration** Thirty-two candidates

Howard Asa Baker, Jr., Palatine, Ill.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Business Organization

Landen Ray Blair, Columbus  
B.S. in Ed. (Concord College)  
*Field of Specialization:* Business Organization

William Bruce Bradford, Middleport  
B.S. (United States Military Academy)  
*Field of Specialization:* Business Organization

Percy Bismarck Brown, Jr., Covington, Tenn.  
B.S. (Tennessee Agricultural and Industrial State University)  
*Field of Specialization:* Business Organization

Richard Norman Carnegie, Williamsport  
B.S.M.E. (Ohio University)  
*Field of Specialization:* Business Organization

James Dwight Carroll, Dayton  
B.A. (Miami University)  
*Field of Specialization: Business  
Organization*

Ronald Ray Casteel, Worthington  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Organization*

Gary Mac Cunningham, Newark  
B.B.A. (Texas Technological College)  
*Field of Specialization: Business  
Organization*

Larry Wayne Cupp, Grove City  
B.Met.E.  
*Field of Specialization: Business  
Organization*

David Y. Handlir, Jr., Cleveland  
B.A. (Wittenberg University)  
*Field of Specialization: Business  
Organization*

Lawrence Burton Irwin, Lakewood  
B.S. (University of Illinois)  
*Field of Specialization: Business  
Organization*

John Frank Maiorano, Fairborn  
B.M.E. (University of Delaware)  
*Field of Specialization: Business  
Organization*

Himanshu Indravadan Mehta, Khadia,  
Ahmedabad, India  
B.E. (Gujarat University); M.S.  
(University of Kansas)  
*Field of Specialization: Business  
Organization*

Robert Allan Mendelsohn, Mentor  
B.S. (Syracuse University)  
*Field of Specialization: Business  
Organization*

Hal V. Miller, Dayton  
B.S.E.E. (University of Missouri)  
*Field of Specialization: Business  
Organization*

Kirk Nevin Minnis, Columbus  
B.A. (Pennsylvania State University)  
*Field of Specialization: Business  
Organization*

Richard Dennis O'Connell, Ponte  
Vedra Beach, Fla.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Business  
Organization*

William Johnstone Parr, Kent  
B.Met.E.  
*Field of Specialization: Business  
Organization*

Augustin Aguirre Perez, Guayaquil,  
Ecuador  
M.Adm. (Business and  
Administration School for Graduates,  
Peru)  
*Field of Specialization: Business  
Organization*

Evan Bruce Richards, Columbus  
B.S.E.E. (Ohio Northern University)  
*Field of Specialization: Business  
Organization*

Paul David Savko, Pittsburgh, Pa.  
B.S. in B.A. (Duquesne University)  
*Field of Specialization: Business  
Organization*

Inder Jeet Sethi, Meerut Cantt, India  
B.S. (Meerut College); B.S. in Mech.  
Engr. (Howard University); M.S.  
*Field of Specialization: Business  
Organization*

Wayne Leigh Shepherd, Tiffin  
B.S.M.E. (Ohio University)  
*Field of Specialization: Business  
Organization*

Robert Reid Simpson, Jr.,  
Charleston, W.Va.  
B.S. (Miami University)  
*Field of Specialization: Business  
Organization*

Russell William Sproull, University  
Heights  
B.B.A. (Ohio University)  
*Field of Specialization: Business  
Organization*

Richard Merle Suid, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Organization*

Charles David Thomas, Jr., Columbus  
B.A.  
*Field of Specialization: Business  
Organization*

Dan Ralph Edward Thomas,  
Westerville  
B.S. (United States Air Force  
Academy)  
*Field of Specialization: Business  
Organization*

Philip Robert Uhlin, Poland  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Organization*

Richard Anthony Virant, Columbus  
B.S. (Florida State University)  
*Field of Specialization: Business  
Organization*

Robert Philip Walker, Lancaster  
B.S. in B.A. (Xavier University)  
*Field of Specialization: Business  
Organization*

Roger Edwin Walters, Grove City  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Organization*

### **Master of City and Regional Planning** Three candidates

Bruce Alan Basemann, Flagstaff,  
Ariz.  
B.S. (Arizona State College)  
*Field of Specialization: City and  
Regional Planning*

William Frederick Hoyt, Shaker  
Heights  
B.A.  
*Field of Specialization: City and  
Regional Planning*

Robert Maunder Parry, Columbus  
B.F.A.  
*Field of Specialization: City and  
Regional Planning*

### **Master of Fine Arts** Twelve candidates

Mary Kathryn Adams, Larned, Kan.  
B.A. (Kansas State University)  
*Field of Specialization: Theatre*

Charles Roy Fender, Loveland, Colo.  
B.A. (Colorado State University);  
M.A.  
*Field of Specialization: Fine Arts  
(Ceramics)*

James Carroll Hogg, Columbus  
B.S. in Edu.  
*Field of Specialization: Fine Arts  
(Painting)*

Bruce William Horn, Columbus  
B.F.A. (Miami University)  
*Field of Specialization: Fine Arts  
(Graphics)*

William Clinton Hunt, Media, Pa.  
B.A. (College of Wooster)  
*Field of Specialization: Fine Arts  
(Ceramics)*

Joseph Robert LaChapelle, Allen  
Park, Mich.  
B.S. in Edu. (Wayne State  
University)  
*Field of Specialization: Fine Arts  
(Sculpture)*

Thomas Keith Lang, Wintersville  
B.S. in Edu., M.A.  
*Field of Specialization:* Fine Arts  
(Graphics)

Paul Kerry McDowell, Columbus  
B.S. in Edu., M.A.  
*Field of Specialization:* Fine Arts  
(Painting)

Carol Lynne Melchior, North  
Wales, Pa.  
B.F.A. (Temple University)  
*Field of Specialization:* Fine Arts  
(Ceramics)

Joanne Beaulieu Ruggles, Cuyahoga  
Falls  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Painting)

Bernard Leonard Schmidt, Jr.,  
Covington, Ky.  
A.B. (Villa Madonna College); M.A.  
(University of Notre Dame)  
*Field of Specialization:* Fine Arts  
(Sculpture)

Charles Edward Wissinger,  
Windber, Pa.  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization:* Fine Arts  
(Ceramics)

#### Master of Music

Four candidates

John Michael Dilkey, Anderson, Ind.  
B.M. (Butler University)  
*Field of Specialization:* Music

Brian Robert Gatchell, Mt. Vernon  
B.Mus.  
*Field of Specialization:* Music

Thomas James Ryan, Jr., Columbus  
B.Mus.  
*Field of Specialization:* Music

Genie Marie Wilch, Kenton  
B.S. in Edu.  
*Field of Specialization:* Music

#### Master of Science

One hundred and ninety-four candidates

Yogesh Krishna Agrawal,  
Lucknow, India  
B.Tech. (Indian Institute of  
Technology, Kampur, India)  
*Field of Specialization:* Electrical  
Engineering

Manmohan Ahuja, Chandigarh, India  
B.S. (Engr.) (Panjab University)  
*Field of Specialization:* Mechanical  
Engineering

William Austin Anderson, Columbus  
B.S. in Agr.  
*Field of Specialization:* Agronomy

Jolene Weinstein Appleman,  
Youngstown  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Chemistry

Kazushi Arata, Ishikari, Japan  
B.S., M.S. (Hokkaido University)  
*Field of Specialization:* Chemistry

Charold Lee Morris Baer, Columbus  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Bhawatosh Bagechi, Monghyr, India  
B.S. (Bihar University); M.S.  
(Patna University)  
*Field of Specialization:* Physics

Ronald Wilbur Bailey, Dickinson,  
N.D.  
D.D.S. (University of Minnesota)  
*Field of Specialization:* Dentistry

Ronald Joseph Baird, Kettering  
B.S.  
*Field of Specialization:* Chemistry

Ram Saran Bajpai, Allahabad, India  
B.S., M.S., M.S. (University of  
Lucknow)  
*Field of Specialization:* Mathematics

Robert Stephen Bar, Englishtown,  
N. J.  
B.S. (Tufts University); M.D.  
*Field of Specialization:* Physiological  
Chemistry

Judith Ann Besst, Grove City  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Eugene Clifford Birkner, New  
Athens, Ill.  
B.S. in Edu. (Southern Illinois  
University)  
*Field of Specialization:* Mathematics

Carol Craig Bixler, Lima  
B.S. in H.E.  
*Field of Specialization:* Home  
Economics

Benjamin Edgar Blumel, Cambridge  
A.B. (Bloomfield College); B.D.  
(Louisville Presbyterian Theological  
Seminary)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Andrew Stephen Bogus, Columbus  
B.S.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Russell Paxson Bonsall, Palmyra, Pa.  
B.A. (Lebanon Valley College)  
*Field of Specialization:* Mathematics

Bonita Boger Bozin, Akron  
B.S.  
*Field of Specialization:* Chemistry

Gregory George Bozin, Akron  
*Field of Specialization:* Mechanical  
Engineering

Raymond Joseph Braitsch, Jr.,  
Arlington, Va.  
B.S. (Cornell University)  
*Field of Specialization:* Industrial  
Engineering

Gerald David Brazier, San Antonio,  
Tex.  
B.S. (University of Dayton)  
*Field of Specialization:* Mathematics

Janice Kauffman Brenneman,  
De Graff  
B.S. Nurs. (Goshen College)  
*Field of Specialization:* Nursing

Mary Frances Brown, London  
B.S.  
*Field of Specialization:* Chemistry

Nancy Ferris Buchanan, Mansfield  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Home  
Economics

John Patton Burgess, Columbus  
A.B. (Princeton University)  
*Field of Specialization:* Mathematics

Jean Crowley Cambridge, Strongsville  
B.S. (H.Eq.) (Iowa State  
University)  
*Field of Specialization:* Home  
Economics

Rena Kirby Canipe, Lake Park, Fla.  
B.S. in Home Ec. (University of  
Tennessee)  
*Field of Specialization:* Home  
Economics

\* Also Bachelor of Mechanical Engineering,  
College of Engineering

- Neil Allan Carron, Ann Arbor, Mich.  
B.S. (University of Michigan)  
*Field of Specialization: Computer and Information Science*
- Roy Hudson Carwile, Columbus B.S.  
*Field of Specialization: Geology*
- Nicholas Joseph Cercone, Pittsburgh, Pa.  
B.S. (College of Steubenville)  
*Field of Specialization: Computer and Information Science*
- Ying-Hsueh Lin Chen, Tainan, Taiwan  
B.S. (Taiwan Chen Kung University)  
*Field of Specialization: Chemistry*
- Josephine Kuduk Chrysler, Fairview Park  
B.A. (Marietta College)  
*Field of Specialization: Zoology*
- Catherine Marie Clark, Gallipolis  
B.S. in H.E.  
*Field of Specialization: Home Economics*
- Marie Ethel Collart, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*
- David Alexander Corliss, Graniteville, Vt.  
B.A. (University of Vermont)  
*Field of Specialization: Physiological Optics*
- Deane Kenworthy Corliss, De Kalb Park, Pa.  
B.S. in Nurs. (Duke University)  
*Field of Specialization: Nursing*
- Moacyr Corsi, Socorro, S.P., Brazil  
Eng.Agr. (Universidade De Sao Paulo Escola Superior De Agricultura "Luiz De Queiroz")  
*Field of Specialization: Agronomy*
- Kristan Rinker Crosby, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Home Economics*
- Paul Edward Crouch, Hurricane, W. Va.  
B.S.E.E. (West Virginia University)  
*Field of Specialization: Electrical Engineering*
- \*Roy Kenneth Daum, Freehold, N. J.  
*Field of Specialization: Horticulture*
- Kenneth Merlyn Deeds, Columbus  
B.S., D.D.S.  
*Field of Specialization: Dentistry*
- George Edward Deichert, Fremont B.E.E.  
*Field of Specialization: Electrical Engineering*
- Gretchen Miksch Denton, Columbus  
B.S. H.Ed. (Iowa State University)  
*Field of Specialization: Home Economics*
- Stephen Roy Dillon, Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Jacqueline Adams Dolin, Chattanooga, Tenn.  
B.A. (Vanderbilt University)  
*Field of Specialization: Computer and Information Science*
- Ellen Lyle Douglas, Columbus  
B.S. in Edu. (Bowling Green State University)  
*Field of Specialization: Home Economics*
- Arthur William Draut, Jr., Middletown  
B.S.  
*Field of Specialization: Physics*
- Winfred S. Emmons, III, Beaumont, Tex.  
B.A. (University of Texas)  
*Field of Specialization: Mathematics*
- Donald Clay Erbes, Columbus  
B.S. (United States Military Academy)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Daniel Lane Fitzgerald, Fort Walton Beach, Fla.  
B.S. (Louisiana State University and Agricultural and Mechanical College)  
*Field of Specialization: Physics*
- Kenneth Michael Foos, Columbus  
B.S. in Edu.  
*Field of Specialization: Botany*
- William Harold Fournier, Jr., Columbus  
D.D.S. (West Virginia University)  
*Field of Specialization: Dentistry*
- Wayne Lamar George, Elysburg, Pa.  
B.S. Ed. (Bloomsburg State College)  
*Field of Specialization: Mathematics*
- Albert Franklin Gleim, Columbus  
B.S. in M.E. (Massachusetts Institute of Technology)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- James Frederick Golden, Chevy Chase, Md.  
B.S. (Yale University)  
*Field of Specialization: Electrical Engineering*
- Athanasios Sotirios Gotsis, Athens, Greece  
Engr. (Air Academy, Greece)  
*Field of Specialization: Industrial Engineering*
- \*\*Michael Edward Greene, Columbus  
*Field of Specialization: Electrical Engineering*
- Donald George Greiner, Columbiana  
B.S., D.D.S. (Case Western Reserve University)  
*Field of Specialization: Dentistry*
- \*David Carl Grulke, Berea  
*Field of Specialization: Chemical Engineering*
- Hani Rizk Guirguis, Cairo, Egypt  
B.C.E. (Cairo University)  
*Field of Specialization: Civil Engineering*
- Michael Dean Guthrie, Sidell, Ill.  
B.S. Educ. (Eastern Illinois University)  
*Field of Specialization: Mathematics*
- Richard Jay Haines, Jr., Camarillo, Calif.  
B.S., D.V.M. (Colorado State University)  
*Field of Specialization: Veterinary Medicine*
- Joanne Elizabeth Orr Hall, Granville  
B.S. in Nurs. (Arizona State University)  
*Field of Specialization: Nursing*
- Edwin Dane Harvey, Columbus  
A.B. (Oberlin College)  
*Field of Specialization: Physics*
- William Gary Heckathorn, Weirton, W. Va.  
B.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*

\* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics  
\*\* Also Bachelor of Electrical Engineering, College of Engineering  
\* Also Bachelor of Chemical Engineering, College of Engineering

Harris Eugene Heggerston, Dayton  
B.S. (University of Minnesota)  
*Field of Specialization: Mathematics*

Richard William Henning, Gahanna  
B.I.E.  
*Field of Specialization: Industrial Engineering*

\*Thomas Joseph Henry, Versailles  
*Field of Specialization: Mechanical Engineering*

Ronald Willard Hilwig, Tunkhannock, Pa.  
D.V.M. (Washington State University)

*Field of Specialization: Veterinary Physiology and Pharmacology*

Carleen Emily Hjortsvang, Eagle Creek, Ore.  
B.S. (East Carolina College)  
*Field of Specialization: Home Economics*

Charles Edward Holdsworth, Jr., Newcomerstown  
B.S.  
*Field of Specialization: Physiological Chemistry*

Roger Clark Inman, Baker, Ore.  
D.V.M. (Washington State University)  
*Field of Specialization: Veterinary Physiology and Pharmacology*

\*\*Matthew Richard Intihar, Geneva  
*Field of Specialization: Electrical Engineering*

Anil Kumar Jain, Lucknow, India  
B. Tech. (Indian Institute of Technology)  
*Field of Specialization: Electrical Engineering*

Alan Joseph Johnson, Columbus  
B.S.  
*Field of Specialization: Microbiology*

Ronald Jones, Richmond, B.C., Canada  
O.D. (College of Optometry of Ontario)  
*Field of Specialization: Physiological Optics*

Robert Louis Joseph, Utica  
B.S. in Food Tech.  
*Field of Specialization: Horticulture*

Jacqueline Loehr Kaesgen, Lakewood  
B.A. (Hiram College)  
*Field of Specialization: Zoology*

George Thomas Kaiser, Columbus  
B.S. in Agr.  
*Field of Specialization: Agronomy*

Charlotte Ann Kastner, Louisville  
B.S. in Edu.  
*Field of Specialization: Microbiology*

Alan Jeffrey Katz, Columbus  
B.S.  
*Field of Specialization: Genetics*

Carol Wylie Kennedy, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

John Halisey Kennedy, Newark  
B.S. (Denison University); M.D.  
*Field of Specialization: Physical Medicine*

Paul Allen Kerner, Westbury, N. Y.  
B.S. (Cornell University)  
*Field of Specialization: Computer and Information Science*

Lamar LaFayette Kerr, Englewood  
B.M.E. (University of Cincinnati)  
*Field of Specialization: Engineering Mechanics*

Judith Simpson Kieffer, Worthington  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Priscilla Margaret Jackson Kilman, Indianapolis, Ind.  
B.S. in Nursing (Indiana University)  
*Field of Specialization: Nursing*

\*Raymond Eugene Knotts, West Manchester  
*Field of Specialization: Mechanical Engineering*

Gabor Joseph Kovacs, Lakewood  
B.A. (Wittenberg University)  
*Field of Specialization: Chemistry*

David Stanley Kulow, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Jagdish Lal, Delhi, India  
B.S., B.S. (Engr.) (Panjab University)  
*Field of Specialization: Civil Engineering*

Craig Forsythe Landefeld, Massillon  
B.Met.E.  
*Field of Specialization: Metallurgical Engineering*

Margaret Anne LaSota, Columbus  
B.S. Nursing (University of North Dakota)  
*Field of Specialization: Nursing*

Virginia Ann Lehmenkuler, Louisville, Ky.  
B.A. (Ursuline College); B.S. in Nur. (Catherine Spalding College)  
*Field of Specialization: Nursing*

Young Lianz, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Engineering Mechanics*

Frederick Earl Livesay, Pickerington  
B.S. in Agr.  
*Field of Specialization: Animal Science*

Kathleen Rose Lodzinski, Stevens Point, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization: Nursing*

Jack Michael Lomano, Columbus  
B.S. in Edu., M.D.  
*Field of Specialization: Obstetrics and Gynecology*

Joyce Elaine Potts Ludy, Hamersville  
B.S. in H.E.  
*Field of Specialization: Home Economics*

Jane Marilyn LueChin, Chaguanas, Trinidad, West Indies  
B. Pharm. (Bath University of Technology, England)  
*Field of Specialization: Pharmacy*

Roy Schollaert Maize, II, Brownsville, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Home Economics*

Don LeRoy Manning, Pleasant Hill  
B.S. (Ohio Wesleyan University)  
*Field of Specialization: Botany*

Philip Anthony Marquez, Los Angeles, Calif.  
B.S. (Loyola University)  
*Field of Specialization: Mathematics*

Gordon Kenneth Marshall, Jr., Bridgeport, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Physics*

\* Also Bachelor of Mechanical Engineering, College of Engineering.  
\*\* Also Bachelor of Electrical Engineering, College of Engineering

Franklin Arthur Marting, Ironton  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

Lauren Ellis Mast, Honolulu,  
Hawaii  
B.S. in Ed., M.A. (Bowling Green  
State University)  
*Field of Specialization:* Computer  
and Information Science

Betty Ann Mathis, Columbus  
B.S.  
*Field of Specialization:* Computer  
and Information Science

David Franklin Mayer, Columbus  
B.S.  
*Field of Specialization:* Mathematics

Alan Jackson McAllister,  
Shelbyville, Ky.  
B.S. Ag. (University of Kentucky)  
*Field of Specialization:* Dairy Science

Donald Lawrence McBee, Rifle, Colo.  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Industrial  
Engineering

Jeffrey Dale McDaniel, Columbus  
B.S.  
*Field of Specialization:* Mathematics

Joyce Newman McDowell, Seaman  
B.S. in H.E.  
*Field of Specialization:* Home  
Economics

Robert McLean, Coronado, Calif.  
B.S. (United States Naval Academy)  
*Field of Specialization:* Geodetic  
Science

Larry Byron McMillen, Coshocton  
D.D.S.  
*Field of Specialization:* Dentistry

Susan Elizabeth McMillin,  
Colorado Springs, Colo.  
B.S. (Colorado College)  
*Field of Specialization:* Computer  
and Information Science

Tatia Ann McNair, New York, N. Y.  
B.S. (Columbia University)  
*Field of Specialization:* Microbiology

Ronald Eugene Mead, Greenwich  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical  
Engineering

Richard Harper Meeks, Columbus  
B.S. (Denison University)  
*Field of Specialization:* Physics

Howard Christian Meyer, Columbus  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

Don Wilson Miller, Westerville  
B.S., M.S., (Miami University)  
*Field of Specialization:* Nuclear  
Engineering

Robert Francis Miller, Columbus  
B.S. in Pharm. (University of  
Kansas)  
*Field of Specialization:* Pharmacy

Satish Ushakant Mody, Bombay,  
India  
B.E. (University of Bombay)  
*Field of Specialization:* Mechanical  
Engineering

Edward Allen Molnar, Lorain  
B.S. (Ohio University)  
*Field of Specialization:* Mathematics

\*Jay Bernard Morrison, Louisville  
*Field of Specialization:* Industrial  
Engineering

Kenneth Jove Myers, Akron  
B.S. in E.E., B.S. (University of  
Akron)  
*Field of Specialization:* Physics

Doris Patterson Nocera, Westerville  
B.S. in H.E.  
*Field of Specialization:* Home  
Economics

Daniel Raymond Nordlund, Xenia  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization:* Electrical  
Engineering

Engide Nwaiku, Obiaruku, Nigeria  
B.S. (Agr.) (University of  
Delaware)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

James Cyprian Nyankori, Lira,  
Uganda  
B.S. (Agr.) (University of East  
Africa, Uganda)  
*Field of Specialization:* Agricultural  
Economics

Jean Ann Oakes, Coshocton  
B.S. in Edu.  
*Field of Specialization:* Mathematics

Hardin Leonard Olson, Jr.,  
Orlando, Fla.  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Industrial  
Engineering

Mark Howard Palmer, Kettering  
B.Cer.E.  
*Field of Specialization:* Ceramic  
Engineering

Jar-Ming Pang, Taipei, Taiwan  
B.S. (Cheng Kung University)  
*Field of Specialization:* Chemistry

\*Merrill Dallain Phelan, Columbus  
*Field of Specialization:* Industrial  
Engineering

Robert Warren Pinker,  
North Miami, Fla.  
B.S. (Capital University)  
*Field of Specialization:* Geology

Linda Joy Porter, Orlinda, Tenn.  
B.S. in Nursing (University of  
Tennessee)  
*Field of Specialization:* Nursing

Mary Marquardt Power, Columbus  
B.S. in Nursing (University of  
Wisconsin)  
*Field of Specialization:* Nursing

William Howard Puckett, Jr.,  
Columbus  
B.S. in Phar.  
*Field of Specialization:* Pharmacy

Susan Johnson Pyles, Maysville,  
Ky.  
B.S. in H.E. (University of  
Kentucky)  
*Field of Specialization:* Home  
Economics

Mirjana Mira Radivich, Campbell  
B.S. (Youngstown State University)  
*Field of Specialization:* Astronomy

William Anthony Ragland, Richmond,  
Va.  
B.S. (University of Virginia)  
*Field of Specialization:* Nuclear  
Engineering

William Edward Ratz, Milwaukee,  
Wis.  
B.A. (Miami University)  
*Field of Specialization:* Nuclear  
Engineering

Sue Ellen Reed, Louisville, Ky.  
B.S. in H.E.  
*Field of Specialization:* Home  
Economics

Hee Min Rhee, Choongnam, Korea  
B.S.Ph. (Chungang University)  
*Field of Specialization:* Pharmacology

\* Bachelor of Industrial Engineering,  
College of Engineering

Jeanette Marie Riker, Toledo  
B.S. (University of Toledo)  
*Field of Specialization: Chemistry*

Patrick Gilley Saunders, Norwalk  
B.S. in Agr., B.S. in Edu.  
*Field of Specialization: Natural Resources*

Edwin Eugene Schoenberger, Upper Sandusky  
B.S. (United States Naval Academy)  
*Field of Specialization: Nuclear Engineering*

Richard Franklin Sellers, Jr., Salisbury, N. C.  
B.A. (University of Arizona)  
*Field of Specialization: Pathology*

Russell Gerard Setzer, Columbus  
B.S.E.E. (Polytechnic Institute of Brooklyn)  
*Field of Specialization: Electrical Engineering*

John Laird Shannon, Geneva  
B.A., D.D.S.  
*Field of Specialization: Dentistry*

Robert Joseph Shaw, Lisbon  
B.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Harry Simon Shepherd, Jr., Heath  
B.S. (Muskingum College)  
*Field of Specialization: Physics*

Stanley Herman Siegel, Englewood, N. J.  
B.A. (New York University)  
*Field of Specialization: Allied Medicine*

\*Jack Richards Silsby, Mansfield  
*Field of Specialization: Mechanical Engineering*

Ed Smith, Memphis, Tenn.  
B.S. (Lemoyne College)  
*Field of Specialization: Mathematics*

Shirley Ann Smith, Columbus  
B.S. in H.E.  
*Field of Specialization: Home Economics*

Renee Maria Sordian, Akron  
B.A. (University of Akron)  
*Field of Specialization: Home Economics*

Paul Donald Stachour, Sibley, Iowa  
B.S. (Iowa State University)  
*Field of Specialization: Computer and Information Science*

Karen Lennis Stamm, Kenosha, Wis.  
B.S.H.E. (University of Wisconsin)  
*Field of Specialization: Home Economics*

Virginia Lynn Stansbury, Reno, Nev.  
B.S. in Med. Tech.  
*Field of Specialization: Pathology*

Marguerite Rae Steele, Mt. Vernon  
B.S. in H.E.  
*Field of Specialization: Home Economics*

Carolyn Rae Stemple, Mount Zion, W. Va.  
A.B. (Glenville State College)  
*Field of Specialization: Botany*

Stephanie Stein Stewart, Columbus  
B.S. in H.E.  
*Field of Specialization: Home Economics*

James Nathan Stone, Florence, Ky.  
B.S. Ed. (Cumberland College)  
*Field of Specialization: Mathematics*

Marilynn Weidner Strayer, Allentown, Pa.  
B.S. (Bluffton College); M.D.  
*Field of Specialization: Psychiatry*

Susan Strong, Washington, D. C.  
B.S. in Nurs.  
*Field of Specialization: Nursing*

William Brendan Sullivan, Jr., Campbell, Calif.  
B.S. (San Jose State College)  
*Field of Specialization: Electrical Engineering*

Maria Majda Tavcar, Cleveland  
B.S. in H.Ec. (Seton Hill College)  
*Field of Specialization: Home Economics*

Richard K. Thatcher, Columbus  
B.S., B.S.E.E. (Ohio University)  
*Field of Specialization: Electrical Engineering*

Chyau Tuan, Tainan, Taiwan  
B.S. (Taiwan Provincial Chung Hsing University)  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Victor James Turk, Euclid  
*Field of Specialization: Metallurgical Engineering*

Ann Heslar Tweddle, Columbus  
B.S. in H.E.  
*Field of Specialization: Home Economics*

Beverly Tollefson Uhlenberg, Columbus  
B.A. (Augsburg College)  
*Field of Specialization: Home Economics*

Daniel Warren Umberger, Jr., Columbus  
B.I.E.  
*Field of Specialization: Industrial Engineering*

Pandej Vejhrurai, Bangkok, Thailand  
B.Poli.Sci. (Chulalongkorn University)  
*Field of Specialization: Agricultural Economics and Rural Sociology*

John Vizcarrondo, Rio Piedras, Puerto Rico  
B.S. (University of Puerto Rico)  
*Field of Specialization: Electrical Engineering*

Victoria Lea Voith, Columbus  
D.V.M.  
*Field of Specialization: Veterinary Medicine*

\*\*John William Walz, Columbus  
*Field of Specialization: Electrical Engineering*

Sang Wang, Hsinchu, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Physics*

\*\*\*Charles Michael Weber, Marietta  
*Field of Specialization: Welding Engineering*

Roberta Schwartz Weber, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Barbara Lewis White, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Thomas George Whitney, Lima  
B.S. in Edu.  
*Field of Specialization: Astronomy*

Leslie Haslip Wibberley, Canterbury, Conn.  
B.S. (Heidelberg College)  
*Field of Specialization: Computer and Information Science*

Robert Gifford Wickliff, Jr., Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*

\* Also Bachelor of Mechanical Engineering, College of Engineering.  
\*\* Bachelor of Electrical Engineering, College of Engineering.  
\*\*\* Also Bachelor of Welding Engineering, College of Engineering.

Raymond Felix Wilkinson, Cheyenne,  
Wyo.  
D.D.S. (Creighton University)  
*Field of Specialization: Dentistry*

° Ned William Wilson, Newark  
*Field of Specialization: Horticulture*

William Olin Winchell, Columbus  
B.M.E. (General Motors Institute)  
*Field of Specialization: Mechanical  
Engineering*

Steven Clay Wirth, Columbus  
B.A. (Wabash College); A.M.  
(Washington University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Paul Leo Wright, Trinway  
B.S. in Agr.  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

John Dana Youger, Jr., Covington,  
Ky.  
B.S. (University of Kentucky)  
*Field of Specialization: Botany*

Chong Long Yu, Taipei, Taiwan  
B.S. E.E. (University of Kansas)  
*Field of Specialization: Electrical  
Engineering*

Philip Roy Zimmer, Neoga, Ill.  
B.S.Ed. (Eastern Illinois University)  
*Field of Specialization: Mathematics*

John Eric Zimmerman, Oberlin  
B.A. (College of Wooster)  
*Field of Specialization: Anatomy*

**Master of Science  
in Public Administration**

One candidate

John Mahlon Pettibone, Reynoldsburg  
A.B., A.M. (University of Michigan)  
*Field of Specialization: Political  
Science*

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

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Dean for Undergraduate Programs: Lawrence J. R. Herson

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur Adams

### College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### College of Social and Behavioral Sciences

Acting Dean: Dr. James G. Martin

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Eight candidates

Vicki Ann Barnhouse, Columbus  
Bernard Ingmire Castell, Logan  
Judith Ellen Christopher,  
Russells Point  
Susan Dias, Dayton  
Marshal David Jacobs,  
University Heights  
Kay Kistler Metz, Coshocton  
Michael Eric Moss, Columbus  
Georgia Anne Voytko, Lakewood

### Bachelor of Fine Arts

Twenty-eight candidates

Michael Francis Allen, Columbus  
George Alspach, Toledo  
Constance Marie Barnhard,  
Columbus  
Lawrence Joseph Bondi, Jr.,  
Cincinnati  
Carol Potts Brusco, Columbus  
Florence Welch Cebular, Mansfield  
Susanna Lavada Copeland, Columbus  
Shirley Mae Creasy, Fairmont, W.Va.  
Lana Barnes Dragon, Columbus  
Elizabeth Smith Falk, Columbus  
Silvera Auston Grant, Brooklyn, N. Y.

Mary Williams Green, Galion  
Robert Henderson Gregg, Grove City  
Warren Charles Hansen, Columbus  
Claudia Catherine Kassouf,  
Bay Village  
Deborah Newton Knight,  
Balboa, Canal Zone  
Marye Jean Knight, Columbus  
Janice Irene Logan, Columbus  
William Emmet Long, Columbus  
Eric Mehl, Columbus  
Melahna Marie Miller, Columbus  
Nancy Anne Pfahl, Independence  
Christine Payne Rooney,  
South Vienna  
Michael Robert Seiler, Toledo  
Julia Carr Sherman,  
Cleveland Heights  
Shirley Lucas Sowards, Columbus  
Carol Lee Taylor, Worthington  
\*Andy Louis Trohanis, Cincinnati

### Bachelor of Music

One candidate

John Borys Sadowsky, Parma

### Bachelor of Science in Industrial Design

One candidate

Sheldon David Peskin, Youngstown

### 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 eighty

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Three candidates

Mark Irwin Mentser, Columbus  
Paul David Ruff, Lancaster  
Gregory Stuart Uhl, Worthington

### Bachelor of Science

Thirty-one candidates

James Lee Adams, II, Columbus  
Fred Mason Bagley, Chesterland  
Robert Laverne Beckford, Fostoria  
Paula Jean Cotton Bretz, Gallipolis  
Richard Kenneth Burger,  
Red Bank, N. J.  
Merlene May Cross, Bedford  
Richard Scott Davis, Tipp City  
John Duffy DeWalt, Hebron  
Gail Keith Douce, Caledonia  
Gregory Paul Eggert, Cincinnati  
Joseph Michael Ferrara, Kent  
Robert Wilson Fiser, Jr.,  
Canal Winchester  
Dolores Rojas Fuller, Columbus  
Donald Steven Hang, Worthington  
Edwin Jon Harris, Greenwich  
Keith Eric Johnson, Cincinnati  
Gregory Alan Kirsch, Columbus  
Gary Dean Lowe, Delaware  
Frank Mason Maloit, Chagrin Falls  
Milton Cornell Mason, Waterford  
Bruce Guthrie Penske, Toledo  
Jonina Schwartz, Youngstown  
Margarete Sielicki, Perrysburg  
Thomas Mark Spetnagel, Chillicothe  
Barry Martin Taylor, Columbus  
Nash Ray Uebelhart, Canton  
Wayne Guy Wamer, Leavittsburg  
Harry Ralph Wheat, Canton  
Steven Douglas White, Wapakoneta  
James Michael Wolinski, Bedford  
Marilyn Rose Zipkes, Cincinnati

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

Ninety-eight candidates

Bert Scott Arant, Lima  
Armand Franklin Archer, Jr.,  
Columbus  
Julie Kay Baber, Columbus  
Robert Charles Bishop, Columbus  
Michael Paul Booth, Mason  
\*Keith Michael Bossard,  
Richmond Heights  
Charles Christopher Bowlus,  
Columbus

\* Also Bachelor of Art Education, College of Education

Mark Christopher Brown, Cincinnati  
Marie Lucile Buchholz, Wooster  
B.S. in Edu.

Susan Burrows, Worthington  
Dennis Michael Cahill, Jr., Columbus  
Marlene Sue Carnes, Columbus  
Raymond Edwin Cleary, III,  
Cincinnati

Alison West Dailey, Columbus  
Patricia Aileen Donahue, Rocky River  
Clyde Charles Edwards, Berea  
Paul Gregory Fletcher, Columbus  
Steven Fotheringham, Columbus  
Paula Vukovich Frankel, Columbus  
Katherine Fugina, Euclid  
Robert Stephen Gaylord, III,  
Worthington

Linda Marie Gigliotti, North Canton  
Terry Lynn Gladman, Saint Paris  
David Mark Grassbaugh, Mansfield  
William Paul Gray, Columbus  
William James Hackett, London  
Judith Elizabeth Higgins, Cincinnati  
Eva Lapczynski Janecek, Dublin  
Pamela Huntington Jones, Columbus  
Joel Lee Kaufher, Columbus  
Thomas Howard Kearns, Columbus  
B.S. in Edu.

William Sean Kelleher, Bay Village  
Jacqueline Lynne Krause, Cincinnati  
Robert Joseph Kroeger, Delphos  
Joel Lackey, Youngstown  
James Edwin Laipply, Columbus  
Donald Louis Lamantia, Lima  
Martin Jay Lichtesien, Norwalk  
Christopher Lilburn, Avon Lake  
Maureen Ellis Lippert, Lancaster  
Paul Malcolm Logsdon, Marion  
Christopher Dix Masoner, Columbus  
Diane Susan Mathless, Columbus  
Stephen Larry McElroy, Marion  
Donna Yvonne McIntyre, Cleveland  
Diana Aileen Meyer, Akron  
John Fred Meyer, Columbus  
B.S. in Edu.

Timothy Arthur Michael, Columbus  
Constance Victoria Miller,  
Carpentersville, Ill.

Earl Wayne Miller, Springfield  
Richard Earl Morrison, Newark  
James Frederick Mosier, Columbus  
Robert Mulcahy, Youngstown  
Pamela Anne Nall, Columbus  
Herman Henry Neuman,  
Cleveland Heights

Brenda Jo Owens, Dayton  
Janet Faye Patterson, Farmersville  
Sheryl Hope Phillips, Cincinnati  
Paul Edward Plymale, Chardon

Benjamin John Polny, Jr., Columbus  
Robert Louis Queisser, IV, Lyndhurst  
Sheryl Smith Redpath,  
Barboursville, W. Va.

Horst Renz, Shelby  
Matthew Riak,  
Rumbek, South Sudan, Africa  
Robert William Rice, Columbus  
David Nathan Rickey, Columbus  
Lucinda Dial Ritter, Euclid  
Candace Loy Roberson, Newark  
Diane Cheryl Root, Bay Village  
\*Stephen John Ryan,  
Columbus

David Otto Salzer, Columbus  
Mark Alan Schieber, Findlay  
Stephen Joseph Schlairet, Marion  
Ronald Allan Sears,  
University Heights

Dorothy Lamar Seward, Columbus  
Cynthia Lou Shoemaker, Lima  
Richard Edward Siferd, Lima  
Kathleen Vian Spangler, Columbus  
Leon Stallworth, Shaker Heights  
Edward Ernest Summers, Celina  
Lawrence Howard Tannenbaum,  
East Meadow, N. Y.  
Michael Stanley Thomas, Lima  
Steven Landis Toms, Mansfield  
Patrick Arthur Toner, Columbus  
Joanne Linda VerBurg, Columbus  
David Robert Walter, Rittman  
Timothy Lee Walters,  
East Troy, Wis.

Carlos Gerardo Wehby, Miami, Fla.  
Peter Allen Weiss, Bayside, N. Y.  
Linda Ann Wiles, Hubbard  
Daniel Bruce Wolf, Cleveland Heights  
David James Wood, Lima  
Gregory Alan Woods, Portsmouth  
Robert Scott Wynn, Rome  
Diane Elizabeth Yassenoff,  
Columbus  
Bruce Stanley Zaveloff,  
Yonkers, N. Y.

Betsy Jean Ziemke, Sandusky  
Julie Williams Zintsmaster, Columbus

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Four candidates

Gary Lee Grau, Amelia  
John Mason Leith, East Cleveland  
Jerry Edward Speakman, Columbus  
William Philip Whalen, Lima

### Bachelor of Science

Thirty-nine candidates

Gerald Raymond Ayres, Cleveland  
James Allen Beck, Columbus  
Joyce Charlotte Brockwell,  
Cambridge  
Karl Edward Burr, Jr., London  
Jeffrey Martin Cox, Columbus  
Annamaría Toselli Firrao, Bari, Italy  
Murvin Dean Fitzgerald,  
Albuquerque, N. M.  
Helene Rose Francus, Fairborn  
Frank-Harald Julian Gebel, Dayton  
Charles Fredrick Grafton, Wooster  
John Thomas Grasso, Columbus  
Walter Daniel Hardee, Jr., Columbus  
Thomas Norbert Helget,  
Rochester, N. Y.  
John Francis Herold, Mansfield  
Dan Leroy Hickman, Marion  
John Gustav Hoffman, Oberlin  
Robert Hatcher Johnson, Jr.,  
Columbus  
Paul Albert Kannapel, Jr.,  
St. Louis, Mo.  
Andrew Pentland Komin, Lyndhurst  
Edward Leon Loechler, Columbus  
Jerome Morrow Mason, Lisbon  
Walter Eugene Megown, Painesville  
James Ellis Miller, Delaware  
Michael Harold Mitchell, Atlanta, Ga.  
Elden Leroy Mullet, Brinkhaven  
Christine Meier Nees, Columbus  
Philip Alan Newbold, Dayton  
Maxine Jane Ogino, Seattle, Wash.  
John Alan Parrish, Gnadenhutten  
Leon Ralph Prout, Lima  
Arvind Rana,  
Kurukshetra, India  
B.Sc. (Kurukshetra University)  
Frank Stanley Schwartz, Jr.,  
Cincinnati

\* Also Bachelor of Science in Education,  
College of Education

Thomas Rex Unkefer, Minerva  
Curtis B. VanCarter, Arlington, Va.  
Michael Andrew Walby, Lakeside  
Connie Sue Webb, Columbus  
Don Kerne Weber, Beaver  
Larry Gordon Wilson, Thompson  
William Daniel Wintringham, Marion

## College of Social and Behavioral Sciences

Acting Dean: Dr. James G. Martin

### Bachelor of Arts

One hundred and twenty-two candidates

David Lynn Abshire, Columbus  
Anthony John Allen, Minerva  
Walter Stephen Anderson, Columbus  
Richard Jeffrey Appel, Columbus  
James Edward Barrington, Columbus  
Victor Maxbert Belskie, Columbus  
Cheryl Kaye Betz, Hamilton  
Jerry Alden Boling, Mt. Vernon  
Michael Foss Boyd, Elyria  
Don Louis Brown, Jr., Columbus  
Jerry Wayne Burleson, Portsmouth  
\*Joseph Gale Burns, Barberton  
Kathleen Anne Bush, Dayton  
John Edwin Cameron, Westerville  
Cathy Sue Capper, Minerva  
David Wesley Carpenter, Canton  
Jeffrey Richard Clark, Columbus  
Dale Edward Clymer, Barberton  
Maria Regina Coccia, Columbus  
Joseph Linn Colburn, Jr., Columbus  
Phillip Russel Compton, Columbus  
Phyllis Ellen Condit, Columbus  
Donald Wayne Conley, Columbus  
Linda Sue Cooper, Dayton  
Linda Sue Curtis, Tulsa, Okla.  
James Thomas Cypher,  
Florissant, Mo.  
Jeffrey Lynn Danhauer, Zanesville  
Karen Maureen David, Columbus  
Marsha Jean DeLor, Sandusky  
Virginia Jane Denney, Port Clinton  
Terry Robert Disbro, Shaker Heights  
Sharon Lynn Douce, Columbus  
Larry Stewart Everhart, Columbus  
Madeline Carol Feinberg,  
Edison, N. J.  
Vincenzo Ferranti, Columbus  
Marilyn Ely Finn, Columbus  
B.S. in Edu.  
Virginia Edith Fish, Cleveland

Linda Sue Flowers,  
Huntington, W. Va.  
Martha Cicchinelli Folmar, Massillon  
Richard Paul Galler, Fort Lee, N. J.  
Frank Eugene Garver, Columbus  
B.S. in Bus. Adm.  
David Dorsey Garwood, Columbus  
Ernest Weller Gilchrist, South Euclid  
Sterling Everard Gill, II, Columbus  
Elizabeth Kay Goldstein, Chicago, Ill.  
Andrew Costas Goresh,  
Weirton, W. Va.  
Philip Charles Green, Vandalia  
Matthew Louis Hablitzel,  
Port Clinton  
David LeRoy Harnett, Kinsman  
Stanley Duane Hershberger,  
Sugarcreek  
Ritner Franklin Holdren,  
New Matamoras  
Philip Lee Howard, Springfield  
Kathy Ann Hudson, Romulus, N. Y.  
Eileen Marie Johnston, Columbus  
Lyle Ray Jones, Brunswick  
Vernon Ray Jones, Marion  
Barbara Diane Kaitz, Malverne, N. Y.  
Phyllis Adele Karner, Youngstown  
Scott Thomas Kelso, Dayton  
Ronald Jack Klein, Mansfield  
Robert Lain Knapp, Columbus  
Stephen Eugene Kunk, Springfield  
Jacquelyne Sue Lalonde, Defiance  
Ellis Saul Landset, Utica, N. Y.  
Robert Thomas Lane, Columbus  
James Jerel Lawrence, South Euclid  
Allyson Archer Lewis, Columbus  
Vincent Anton Malaska, Mansfield  
David Joseph Marson, Shaker Heights  
James Joseph Martin, Columbus  
Cathryn Blake Mayers,  
East Liverpool  
Charles Richard McClure, Troy  
Nelson Grant McCray, Pataskala  
Howard Robert McMunn, Columbus  
John Ivan Merz, Columbus  
John Owen Micha, Lima  
Kathleen Jeanne Miller, New London  
Richard Wayne Miller, Canton  
Thomas Rupert Miller, Elyria  
Jerry James Mines, Columbus  
John Steven Misitigh, East Liverpool  
John Frederick Mitchell, Tigaro, Ore.  
David Allan Monroe, Findlay  
Jerry Wilse Moore, Toledo  
Karen Sue Mount, Milford  
Frank Gerald Munyan, Columbus  
Charles Joseph Niemeyer,  
Fort Jennings  
Roberta Palley, Worcester, Mass.

Shirley Marie Pasholk, Columbus  
Martha Mair Pope, Maplewood, N. J.  
Alan Stanley Pressman, Columbus  
DeLois Reed, Cleveland  
Donald James Robinson, Columbus  
Gary Samuel Roush, Sardinia  
Randy Sheila Ruder, Johnstown, Pa.  
Susan Mary Schafer, Columbus  
Marie Teresa Schirtzinger, Columbus  
Vernon Lamont Schisler,  
North Jackson  
Steven Lloyd Silverman,  
Albany, N. Y.  
Jodelle Marye Sims, Dublin  
Robert Lewis Sims, Fairborn  
Hyla Ann Solganick, Rochester, N. Y.  
Robert George Stephens, Tiffin  
Howard Jonathon Stiles, Wapakoneta  
Herbert Lee Stout, Gahanna  
John Edward Strater, Eson  
John Ulrich Stucki, Wilmot  
Richard Louis Tellier, Westerville  
Andrew Lloyd Turner, Columbus  
Michael Richard Ulicky, Parma  
Anthony Belgrano vanFossen,  
Columbus  
Larrie Frank Varnes, Cleveland  
Donna Rose Wahl, Columbus  
Marsha Ann Waldman, Skokie, Ill.  
Lynda Fincher Warren, Dayton  
Roger Alan Weber, Archbold  
Suzanne Weber, Columbus  
Mary Jane Wharton, Dayton  
Stephen Leslie Williams, Columbus  
John Woodrow Wilson, Reynoldsburg  
Shannon Ray Young, Jr., Brunswick  
Judith Ann Zimmerman, Fairborn

### Bachelor of Science

Twenty-seven candidates

Dallas Blevins, Jr., Middleport  
Leslie Joan Boyle, Cambridge  
Carol Lee Bracken, Columbus  
Robert Edward Broadley, Brunswick  
Hector A. Buch, Lima  
Timothy Allen Burcham, New Albany  
Terry Mahaley Burns, Akron  
Paul Dennis Castro, Richmond  
Robert Eugene Chapman, Lorain  
Richard Eric Epstein,  
Westbury, N. Y.  
Robert Lewis Frazier, III, Orient  
Eugene Edward Hanacek, Cleveland  
David Lawrence Heitmeyer, Westlake

\* Also Bachelor of Science in Education,  
College of Education

## College of Administrative Science

Dean: James R. McCoy

Susan Grace Holman, Galloway  
Robert Arther Howells, Bay Village  
Diane Huey, Bay Village  
Mary Campbell Jansen, Columbus  
John Steven Kubish, Chesterland  
James Roy Land, Xenia  
Kenneth Ralph Lynch,  
White Plains, N. Y.  
Gregory Francis Mondini, Dayton  
James Russell Moore, Hamilton  
Daniel Leroy Musgrave, Westerville  
Mary Virginia Pippa, Fairview Park  
William John Roelle, Galion  
Robert Arthur Rupe, Youngstown  
James Jarman Stern,  
Rockville Center, N. Y.

### School of Journalism

#### Bachelor of Arts in Journalism

Thirteen candidates

Robert Dale Buelow, Columbus  
Thomas Ellsworth Burroughs, Jr.,  
Euclid  
Maureen Toye Decker, Marion  
Pamela Rae Huth, Barberton  
Susan Grace Jarrell,  
St. Anthony, Idaho  
Cheryl Louise Meadows,  
Gassaway, W. Va.  
Hampton Rudolph Pearson, Jr.,  
Columbus  
John Bryan Saul, Liberty Center  
Gail Helen Scarbrough, Piqua  
Donna Kay Schrake, Reynoldsburg  
John Eldon Switzer, Columbus  
Robert Julius Tamasy, Somerset, N. J.  
Marianne Ramaekers Zegers,  
Columbus

#### Bachelor of Science in Business Administration

One hundred and sixteen candidates

Leonard Irvin Anderson, Kirtland  
Harry John Apostolos, Canton  
Randall Glenn Applegate, Hillsboro  
Joseph Michael Arnett, Galion  
Edward Eugene Ault, Galion  
James Patrick Bandy, Youngstown  
Ronald Allen Banig, Bellaire  
Joseph Barcik, Jr., Pittsburgh, Pa.  
Steven Robert Becker, Columbus  
Ted Thomas Bender, Canton  
Walter Joseph Berry, Westerville  
Stephen Rupert Bishop, Fostoria  
Linda Marcia Brotkin, Piqua  
†Timothy Edgar Brown, Coshocton  
Ervin James Bruntz, Columbus  
Harlan Eugene Burnside, Richwood  
Jeffery Alan Cabot, West Lafayette  
Douglas Charles Chase, Dayton  
David James Chrisman, Columbus  
John Lewis Christman, Woodsfield  
Edward Lawrence Cisek, Youngstown  
Carl David Clauss, Steubenville  
Donald David Coyne, Cincinnati  
Robert James Crocetti, Columbus  
David Patrick Cutlip, Jeromesville  
Richard Dameron, Columbus  
Edward Bruce Dennison, Columbus  
Ronald Allen Dwyer, Grove City  
William Anthony Earl, Columbus  
William Lehman Eichman, Jr., Xenia  
Alan Robert Fetter, Columbus  
Phillip James Fleming, Van Wert  
Mark Alan Folk, Worthington  
Robert Harry Gille, Dayton  
Steven Mark Goldman, Columbus  
Rebecca Alice Gould, Worthington  
Maceo Grigsby, Jr., Cleveland  
Michael Walter Grumblatt, Marion  
Arthur Henry Haer, II, North Canton  
William Burke Hall, Jr.,  
Plainfield, N. J.  
Michael Chaim Hennenberg,  
Cleveland  
Michael Howard Hiland, Cincinnati  
Walter Steven Howdyshell,  
New Lexington  
William Gordon Hoyt,  
East Brunswick, N. J.  
Thomas Michael Hunter, Hamilton  
Donald William James, Amherst  
James Allen Keckler, Eldorado  
Melvin Alan Krasney, Toledo  
Stephen Earle Laird, Marion  
Ronald Lee Lantz, Mansfield

Clyde John Lasch, Plymouth  
Robert Barry Launer,  
Port Chester, N. Y.  
Jack David Lewis, Girard  
Albert Richard Lucci, Jr., Rome, N. Y.  
James Dale Maldinger, Gahanna  
Richard Vahan Manoukian,  
Mamaroneck, N. Y.  
Roger Earl Marksberry, Cincinnati  
Jeffrey Del Marshall, Columbus  
Robert Lawrence McBrearty,  
Cincinnati  
Paul Harding McClain, Lima  
Douglas MacArthur McCort,  
St. Clairsville  
Thomas Joseph McGannon, Marion  
Roy David McKinley, Coshocton  
Christopher Alexander Mealy,  
Springfield  
William James Meese,  
New Philadelphia  
Richard Gordon Meninger, Marion  
Roger Lee Merritt, Columbus  
Jeffery Jon Moisiso, Bay Village  
Robert Lee Morris, Dayton  
Richard James Murdock, Akron  
James Lee Myers, Columbus  
William Grant Nelle, Jr., Columbus  
Dennis Samuel Neroda, Painesville  
Scott John Nicholson, Euclid  
Howard Jay Novak, South Euclid  
Terry Lynn Owens, Greenfield  
Peter Gordon Paris, Cincinnati  
George Elliott Peters, Jr., Columbus  
William Lawrence Peters,  
East Meadow, N. Y.  
Gregory Flinn Pilgrim, Lakewood  
James Dennis Pinckard, Columbus  
Timothy John Pucky, Massillon  
Roger Lewis Purcell, Leesburg  
Jerald Stephen Radebaugh, Findlay  
Michael Radtke, Wayne, N. J.  
Charles Edward Ratliff, Columbus  
Thomas David Rector, Columbus  
Douglas Gene Reineke, Bellevue  
Robert David Reuting, Columbus  
Jack J. Rinehart, Fremont  
Dean Edwin Robertson, Wooster  
David Alan Rubin,  
University Heights  
Albert Edward Sampson, St. Marys  
Edward George Schantz, Dayton  
Bruce L. Schockett, Levittown, N. Y.  
Walter Stanley Schwartz,  
Cleveland Heights  
Donald Michael Shells,  
North Ridgeville

† Degree Awarded Posthumously

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Brian Stanley Shorr  
Valley Stream, N. Y.  
Edwin Warren Solomon,  
Warrens ville Heights  
David Lowell Sorenson, Findlay  
Andrew Michael Sova, Elyria  
Ann Elizabeth Sterner, Columbus  
Richard Wayne Stewart, Fostoria  
Michael John Terry, Fremont  
Frank Brian Thurkettle, Jr.,  
Columbus  
Arthur Reid Vacca, Columbus  
Thomas Alois Vennemeyer, Cincinnati  
Earl Alan Vogt, Ocean City, N. J.  
John Clinton Waggoner, Columbus  
Wayne Wallace Ward, Mansfield  
Robert Charles Wayman, Dayton  
Gregory Carl Weiss, Fairfield  
Robert LeRoy White, Lima  
Warren Allen White, Millersburg  
William Charles Williams, Dayton  
Steven Allan Wolf, Columbus

### School of Social Work

#### Bachelor of Science in Social Welfare

Thirty-one candidates

Sharon Kay Asbury, Columbus  
Joseph Bachmann, Westerville  
Margaret Lucille Baughman,  
Mt. Vernon  
Benjamin George Bower, Frankfort  
Donald Phillip Chandler, Columbus  
Betty Diane Dey, Niantic, Conn.  
Gerard Vergon Docherty, Grove City  
Stephen Cleveland Fretz, Marion  
Marsha Jean George, Columbus  
Lennell Jacqueline Grant,  
South Bend, Ind.  
Nancy Marie Harsh, Pataskala  
Kathleen Anderson Holden, Columbus  
Asenath Marie Johnson, Columbus  
Fred Morris Lauer, Jr.,  
Fort Collins, Colo.  
Helen Patricia Legg, Columbus  
Wayne John Lewis, Newark  
Robert Paul Maier, Massillon  
Michael Jan McDermott, Lima  
Michele Christine McElwee, Lima  
Timothy Edward Meyer, Troy  
Mollie Elizabeth Neff, Worthington  
Barbara Sue Randall, Toledo  
Janet Darlene Renner, Cincinnati  
Bonnie Lynne Robinson, Merion, Pa.  
Sarah Louise Rohrer, Mansfield

Gloria Vinell Sanders, Canton  
Sandra Lee Schnelker, Galion  
Melvin Bruce Smith, Newark  
Barbara Jo Taylor, Athens  
Diana Raney Williams, Chillicothe  
Susan Weinberg Yarger,  
Roslyn Heights, N. Y.

#### Bachelor of Science in Agriculture

Forty-five candidates

Lundy Joseph Adelsberger, Danville  
Adrienne Lorraine Blanke,  
Pavilion, N. Y.  
Robert John Bohland, North Canton  
Jeffrey Joe Burky, New Philadelphia  
Larry Lee Craft, St. Marys  
† Roy Kenneth Daum, Freehold, N. J.  
June Alice Davis, Newbury  
Dennis Wayne Duncan, Coshocton  
Larry Lee Edwards, Quincy  
Thomas Claude Fetzer,  
Sardinia, N. Y.  
Richard William Gilmore,  
Westboro, Mass.  
George Arthur Ginther, Middletown  
Jonathan Goodson,  
East Concord, N. Y.  
Michael Bruce Grapevine, Wilmington  
Edwin James Hammett,  
Fairview Park  
William Bernard Hay, Jr., Brooklyn  
Thomas Eugene Honecker, Arlington  
James Lee Hull, Hubbard  
James Melvin Hunter, Springfield  
Michael Allan Johnson, Ashland  
Wilbur Henry Justi, Worthington  
Robert Charles Kapper, Dalton  
Kathryn Sue Kennedy, Mansfield  
Dean Martin Krauskopf,  
Lockbourne  
Ronald Eugene Lantz, Urbana  
William H. Leed, II, North Canton  
Jacob Wilbur Lehman, Reynoldsburg  
David Edwin Ludwick, Hillsboro  
B. General Studies  
(University of Omaha)  
John Kelly Lynam, Bethel  
Phillip Michael Maggard, Mansfield  
† Patrick Edward Maher, Findlay  
Michael Charles McClung, Columbus  
James Donald McElroy, Marysville  
Nathan Wayne McNeal, Prospect  
James Edward Miller, Columbiana  
J. Randolph Mott, Tipp City  
Jerald William Pfister, Shiloh  
Frank Eugene Postle, Delaware  
Daniel Martin Rohe, Columbus  
John Mattison Stark,  
Glens Falls, N. Y.  
James Carroll Tuttle, Sycamore  
Jay William Vance, Galloway  
Henry Alvin Vaughan, Dayton  
James Robert Vavra, Cuyahoga Falls  
\* Ned William Wilson, Newark

\* Also Master of Science, Graduate School  
† Degree Awarded Posthumously

## College of Dentistry

Dean: John R. Wilson

### Bachelor of Science in Food Technology

Two candidates

William Hamilton Craig, Cincinnati  
James Daniel Hone, Jr.,  
North Canton

### Bachelor of Science in Nutrition

One candidate

Gerald Gene Pope, Bloomville

## School of Home Economics

### Bachelor of Science in Home Economics

Thirty candidates

Donna Brooke Bartholomae, Fairborn  
Linda Marie Bartlett, Fredericktown  
Karen Sue Behm, Groveport  
Carol Ann Bethel, Urbana  
Dian Claire Bower, Columbus  
Kathryn Marie Bucher, Elida  
Cheryl Dian Cihlar, Doylestown  
Sandra Kay Faber, Jackson  
Jean Louise Funk, Wooster  
Dianne Dodds Godfrey, Lima  
Linda Kay Hawkins, Columbus  
Janet Wallace Herdman, Mansfield  
Patricia Douce Janes,  
Washington Court House  
Virginia Bell Johnson, Zanesville  
Judith Schott Keil, Lima  
Judith Kuntz King, Dayton  
Jill Susette Lawrence, Wauseon  
Bonnie Lou Leistner, Cincinnati  
Joyce Marie Loeblein, Strongsville  
Barbara Jean Lumsden, Youngstown  
Linda Sue McKenna, Marietta  
Patricia McCall Mooney, Columbus  
Patricia Ann Nettleship, Columbus  
Cynthia Nicholson Nye, Newark  
Mary Elizabeth O'Malley, Girard  
Linda Lou Peterman, St. Marys  
Dayle Ann Washtak, Vermilion  
Janice Rigo Wehner, Lorain  
Susan Hunter White, Hamilton  
Barbara Jean Witten, Lowell

### Doctor of Dental Surgery

Three candidates

Stephen John Doelker, Dayton  
B.S. (University of Dayton)  
Murr Roy Oettinger, Cincinnati  
B.S. (University of Cincinnati)  
Bruce Harris Trusler, Solon  
B.S.

### Certificate of Graduate Dental Hygienist

One candidate

Rita Lynn Engelman, Columbus  
B.A. (Miami University)

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Two hundred and seventy-three candidates

Rebecca Ann Alkire, Circleville  
Judith McDonald Allers, Columbus  
JoAnn Amos, Mansfield  
Bruce Eben Anderson,  
Pittsburgh, Pa.  
Denise Lynn Anderson, Ashtabula  
Carol Barlowe Arthur, Lima  
Bruce Martin Axner, Akron  
Ruth Marie Baird, Edison  
Deborah Smith Baker, Richwood  
Joseph Louis Barretta, Mansfield  
Sharon Lynne Bass,  
University Heights  
Alice Kay Bauer, Mansfield  
Bonnie Wilcoxon Beach, Bartlett  
Penny Jo Beech, Cridersville  
Sam K. Beetham, Jr., Columbus  
Virginia Ann Beilharz, Elida  
Elena Eustoquia Bejarano, Columbus  
Colby Lincoln Biggs, Dayton  
Mary Bernadette Biggs, Centerburg  
\*Keith Michael Bossard,  
Richmond Heights  
Richard David Bossart, Columbus  
Ronald Gary Bowman, Orrville  
Marilyn Ann Braun, Troy  
David Gene Brenner, Lewisburg  
Linda Denise Briggs, Columbus  
Cora Lucille Brown, Columbus  
Robert Eugene Brown, Columbus  
Caroline Engelhardt Bruggeman,  
Oregon  
Rebecca Yount Brunsman,  
Yellow Springs  
Kathleen Genevieve Buchholz,  
Wooster  
Mary Susan Ott Bunce, Lebanon  
Jerry Dean Bunn, Columbus Grove  
\*Joseph Gale Burns, Barberton  
Mary Ellen McAllister Burns,  
Columbus  
Arthur Frederick Burton, Fostoria  
Judy Langstaff Butler, Lima  
Pamela Louise Butler, Mansfield  
Steven Davis Butler, Lima  
Mary Casner Buzby, Grove City  
Murmur Lonella Calhoun, Savannah  
Thomas Alan Camm, Columbus  
Katherine Ogden Carr, Galena  
Ellen Joy Casper, Englewood, N. J.  
Mary Cudmore Castro, Columbus  
Jane Elizabeth Clarridge, Marysville  
Pamela Mae Clements,  
Cockeysville, Md.  
Julianna R Cochran, Fredericktown

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences

Jerald Alan Cohen, Shaker Heights  
Stephanie Chaplin Cohen,  
University Heights  
Carol Buschbacher Cole, Terrace Park  
Dianna Bauer Collins, Marion  
Michael Richard Cothran, Columbus  
Andrea Lee Cowan, Dayton  
Emily Clarke Davidson, Columbus  
Edna Hoam Davis, Mt. Gilead  
William John Davis, III,  
Louisville, Ky.  
James Alan Dibert, Ohio City  
Leo DiFrancesco, Columbus  
Mary Kay Dorn, South Solon  
Sally Ann Duckwall, Alexandria, Va.  
Delores Elaine Durie, Wooster  
Judith Kae Duris, Blacklick  
Janis Bloom Eldredge, Columbus  
Betty Ballard Ellwood, Columbus  
Peggy Lindsay Erhardt,  
West Burlington, Ia.  
Barbara Jeanne Etter, Dayton  
David Franklin Farler, Lima  
Cheryl Elaine Fee, Columbus  
Sally Ann Fiscus, Massillon  
Bruce Robert Flack, Cleveland  
Kathleen Rager Fleming, Van Wert  
Sara Bryant Foreman, Bucyrus  
Sharon Kay Frank, Bryan  
Raymond Eugene Funk, Jr., Willard  
Joan Young Galbreath, Columbus  
Lawrence H. Gantvreg,  
University Heights  
Stephen Warner Gaston,  
St. Clairsville  
Kathleen Hughes Gatto, Columbus  
Deborah Joy Geichman, Columbus  
William Jeffrey Gerberick, Mansfield  
James Clinton Geyer, Roseville  
Charlotte Faye Goins, Columbus  
Larry Norman Gold,  
University Heights  
Mary Ann Gormin,  
West St. Paul, Minn.  
Kenneth Dean Gould, Columbus  
ValDoris Ann Grella, Grafton  
Larry Lee Griffith, Mt. Sterling  
Karen Slagle Grimshaw, Vandalia  
Lloyd Thomas Grinston, Columbus  
Jean Ann Grogan, Columbus  
Barbara Jean Gunter, Delphos  
Georgia Laule Hackett, London  
Deborah Filkill Haer, Canton  
William Mark Hanna, Dayton  
Jan Shelva Hardy, Columbus  
Donald Mathew Harlow, Kettering  
Nancy Lee Harper, Norwood  
Walter Joseph Harper, Columbus  
Sandra Michale Harte, Columbus  
Ruth Campbell Hartman, Plymouth

Barbara Hauer, Dublin  
Darrel Timmons Henderson,  
Columbus  
Mary Kathryn Herd, East Liberty  
Charlene Reese Hess, Austinburg  
Ronald Allen Hibbard, Newark  
Connie Klenzman Hickman, Marion  
Michael Steven Hobbs, Columbus  
Diane Smith Hodson, Columbus  
Katherine Hoefler Hoffeld, Cincinnati  
Diana Hoover Hoffman, Marysville  
Sandra Lee Holcombe, Sunbury  
Betty Lou Carpenter Holmes,  
Newark  
Barbara Lynn Holt, Chicago, Ill.  
Marsha Lynn Houston, Columbus  
Mary Sue Howdyshell,  
New Lexington  
Shirley Ann Hutchinson, Arcanum  
Robert John Jackson, Columbus  
Marie Agnes Jancar, Elyria  
Susan Jenkins, Jackson  
Marjorie Gibbons Jewett, Hilliard  
Cynthia Anne Johns, Parma  
Jerry Keith Jones, Reynoldsburg  
Linda Gaye Jones, Radnor  
Maryann Bellman Kane, Columbus  
Renee Marcia Kaplan, Cincinnati  
Janis Ann Keller, Sandusky  
Roberta Ramskill Keller, Attica  
Donna Rae Kelley, Columbus  
Linda Fox Kerr, Newark  
Linda Donnels Kessel, Columbus  
Donald David Ketteler, Columbus  
Michael Bruce Kimball, Enon  
Mary Golden Kimble, Columbus  
Gordon Otto Kime, Columbus  
Kathy Anne Kirk, Bellefontaine  
Susan Lynn Kjellman,  
Allison Park, Pa.  
Pamela Bratton Knapp, Columbus  
Borys Peter Korduba, Parma  
Candace Durbin Korthals, Euclid  
B.A.  
Mary Frances Lamont, Bellaire  
Debra Smith Lee, Park Forest, Ill.  
Jerry Glen Leonard, Pickerington  
Diane Romaine Linder, Cincinnati  
Rose Marie Urban Ling, Mansfield  
Sondra Flowers Loacker, Columbus  
Marcia Moore Lockhart, Columbus  
Charlotte Rondy Maggard, Mansfield  
Robert Francis Mahek, Crestline  
Nancy Mosher Maily, Marion  
Howard Joseph Mann, Columbus  
Dan Peter Marshall, Columbus  
Margaret Julia Martin,  
Columbia Station  
Patricia Ann Maughlin, Columbus

Kathleen Marie McAndrew, Columbus  
Regina Church McArtor, Thornville  
Linda Hawk McClanahan, Bellville  
Linda Sue McGeorge, Hilliard  
James Memphis McGhee, Hamilton  
Stephanie Harnett Mendelson,  
Columbus  
Phyllis Prizant Mentser, Cleveland  
Charles Robert Miller, Waynesville  
Dianne Kay Miller, Galloway  
Gary Lee Miller, Newcomerstown  
Jan Goldstein Miller, Lorain  
Gwen Joan Mintz, Dayton  
Marilyn Faye Moeller, Fairview Park  
Fern Diane Morrison, Cleveland  
James Michael Mudd, Dayton  
Danny Ray Murray, Columbus  
Nancy Sue Mutchler, Ashland  
Carolyn Anglin Myers, Westerville  
Martin Albert Myers, Huron  
B.A. (The Pontifical College  
Josephinum)  
Mary Lynn Nash, Gallipolis  
Ise Hawkins Nathan, Warsaw  
Christine Goddard Naughton,  
Columbus  
Michael David Nethero, Columbus  
Marvin Albert Neubig, Columbus  
Emily Ruth Newman, North Canton  
Steven Cloyde Nigh, Galion  
Virginia Lee Novine, Euclid  
Judith Korn Oppenheimer, Columbus  
Nancy Esselstein Osborn, Columbus  
Margene Lee Pallos, Columbus  
Renate Brigitte Papenhausen,  
Mansfield  
Christine Marie Parenti, Dayton  
Helen Mary Parker, Trenton, N. J.  
Shirley Davidson Paul, Lakewood  
John Andrew Paulus, Westerville  
Linda Poelking Paxton, Dayton  
Margaret Louise Perl, Mansfield  
Virginia Mary Ann Piersant,  
Brunswick  
Jacqueline Louise Pierson, Delaware  
Luvonne Lawson Pitts, Gratiot  
Ann Elizabeth Poelking, Rocky River  
Carmel Jean Precario, Cleveland  
Stephen Pierce Putnam, Worthington  
Katherine Goss Rambo, Columbus  
Jerri Ann Rapp, Mt. Sterling  
Diana Marlene Redman, Columbus  
Lynn Lundholm Reichenbach,  
Elyria  
Timothy Lloyd Reno, London  
Pamela Jane Renshaw, Columbus  
Thomas Alan Romack, Leavittsburg  
Rodney Roscoe, Marion  
Judith Wilson Ross, Worthington

Lillian Helen Roth,  
Middleburg Heights  
Carolyn Smith Roush, Springfield  
Kristine Louise Roush, Lima  
Charlotte Johnson Rudd, Columbus  
\*Stephen John Ryan, Columbus  
Gala Sue Saber, Cambridge  
Joseph Robert Sadelfeld, Cincinnati  
Karen Sue Satenstein,  
Newburyport, Mass.  
Veronica Schenker, Bellmore, N. Y.  
Phyllis Stewart Schlotterer, Fremont  
Nancy Louise Schmidt, Sidney  
Jo Anne Schor, Shaker Heights  
Connie Katterheinrich Schwabero,  
New Knoxville  
Debbie Ellen Schwartz,  
Paterson, N. J.  
Mark Alan Schweickart, Columbus  
Richard Barry Scott, Cleveland  
Harry Searles, Westerville  
Marianne Barbee Seeley, Grove City  
Gail Anne Sells, Cleveland Heights  
Wendell Wilson Shaffer, Jr., Canton  
Robert Condon Shauck, Mansfield  
John Edward Skulski, Mansfield  
Michael Leiby Smith,  
University Heights  
John Joseph Sondej,  
Garfield Heights  
Kathy Ilene Sowalsky, Columbus  
Jonna Parrish Stall, Columbus  
Joeann Waters Standley, Galion  
Daniel Robert Stanovich, Crestline  
Marilyn Reiss Stout, Fredericktown  
Theodore Howard Sutton, Columbus  
Marianne Bruell Tepper,  
Shaker Heights  
Jeffery David Thompson, Newark  
Richard Kevin Thorpe, Marion  
Jacqueline Booth Traini, Columbus  
Daniel Herschel Trease, Jr.,  
Upper Sandusky  
Michael Charles Tripp, Columbus  
Lynn Cheryl Vandiver,  
Plymouth, Mich.  
George Endrai Vargo, Lyndhurst  
Dennis Lee Vogel, St. Marys  
Jane Kavanaugh Wagner, Dayton  
Raymond Clifford Walker, III,  
Columbus  
B.A.  
Agneta Marianne Wall, Loudonville  
Jennings Allen Ward, Columbus  
Paul Dryden Warfield, Beachwood  
Walter David Warren, Columbus  
Karel Linda Weir, Cleveland  
Barbara Bessey Weiss, Columbus  
Rosalie Wamack Welch, Columbus

Suzan Snavely Wellman, Bellville  
Barbara Joan Wetzler, Columbus  
Joseph David Whitcomb, Mansfield  
Mary Ernst White, Santa Ana, Calif.  
Patricia Colleen White, Alliance  
Margaret Lane Whitehead, Marion  
Stephen Douglas Whitt, Milford  
Russell William Whittenburg,  
Wilmington  
Eunice Wren Wickersham,  
Bellefontaine  
Elizabeth Ann Wigton, Perrysville  
Donald Eugene Wilgus, Hilliard  
Deborah Ellen Willis, Flushing, N. Y.  
Norma Jean Burr Wilson,  
Washington Court House  
Todd Theron Wise, Columbus  
Carol Jaffray Woodriff,  
Bethesda, Md.  
Linda Ann Woolard, Newark  
Myron Lowell Yates, Columbus  
Steven LaRoy Yeoman, Marion  
Lee James Zimmerman, Worthington  
Janet Lea Zook, Wapakoneta

#### **Bachelor of Art Education**

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

Eight candidates

Timothy Dale Demyan, Lorain  
Marianne Kayes Gilliam, Columbus  
David Karl Grumbach, Fairview Park  
Linda Christine Nettleship,  
Coshocton  
LeAnn Hadley Riley, Columbus  
B.F.A.  
\* Andy Louis Trohanis, Cincinnati  
Katherine MaryAnn Wiegand,  
Mansfield  
Pamela Sue Wilson, Bowling Green

#### **Bachelor of Music Education**

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

Six candidates

Delbert Maurice Gittinger, Sandusky  
Richard Neil Green, Columbus  
William Robert Hall, Canal Fulton  
John Walter Medley, Coshocton  
Charles August Schulz, Ashtabula  
Ronnie Wayne Wells,  
North Ridgeville

## **College of Engineering**

Dean: Harold A. Bolz

#### **Bachelor of Aeronautical and Astronautical Engineering**

One candidate

James Harold Wood, Martins Ferry

#### **Bachelor of Ceramic Engineering**

One candidate

John Wayne Wingert, Canton

#### **Bachelor of Chemical Engineering**

Five candidates

\*\*\*David Carl Grulke, Berea  
Michael Shea Lerch, Canton  
Walter Robert Nixon, Painesville  
William Paul Skinner, Columbus  
Danley Bryan Wolfe, Columbus

#### **Civil Engineer**

One candidate

Francisco Javier Godoy-Arriaza,  
Guatemala, Guatemala  
Ing.Civil (University of San Carlos,  
Guatemala)

#### **Bachelor of Science in Civil Engineering**

Four candidates

Anthony Lee Allion, Bloomdale  
Glenn Welden Dunkelberger, Jr.  
Kutztown, Pa.  
Anthony Joseph Manch, Utica, N. Y.  
Thomas David Tyson, Columbus

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

Six candidates

Andrew George Gockel, Chagrin Falls  
Rodney Merrill Hacker, Worthington  
Martha Wagstaff Loughlin,  
Binghamton, N. Y.  
Richard Dale Maron, South Euclid  
Kent Evans Taylor, Columbus  
Deward Russell Watts, Columbus

\* Also Bachelor of Arts, Colleges of the  
Arts and Sciences  
\*\* Also Bachelor of Fine Arts, Colleges of  
the Arts and Sciences  
\*\*\* Also Master of Science, Graduate School

## College of Medicine

Dean: Richard L. Meiling

### Bachelor of Electrical Engineering

Thirteen candidates

Craig McClain Chectham, Columbus  
\*Michael Edward Greene, Columbus  
Bruce Carroll Huntzinger, Sandusky  
\*Matthew Richard Intihar, Geneva  
Robert Earl King, Kenton  
Bruce Rockwell Kinney, Columbus  
James Daniel Kuebler, Lorain  
Marshall Neal Kurfiss, Germantown  
David Mark Lachman, Lorain  
James Dominic Mieskoski,  
Seven Hills  
Michael Joseph Spires, Columbus  
\*John William Walz, Columbus  
Hsuehiao Yeh, Columbus

### Bachelor of Science in Electrical Engineering

Two candidates

Roy Dean Hibbs, Jr., Reynoldsburg  
William Elbra Nowlin, Columbus

### Bachelor of Industrial Engineering

Nine candidates

Stephen Joseph Carr, Columbus  
David Howard Glick, Massillon  
Robert Blaine Huguenard, Cincinnati  
Michael Curtis McBrayer, Columbus  
\*Jay Bernard Morrison, Louisville  
\*Merrill Dallain Phelan, Columbus  
Paul Ray Reusser, Orrville  
Allen Dale Smith, Lima  
John James Sweeney, Amsterdam

### Bachelor of Science in Industrial Engineering

One candidate

James Louis Meyer, Lima

### Mechanical Engineer

One candidate

Kenneth Lee Kanouse, New Carlisle  
B.S.A.E. (Purdue University)

### Bachelor of Mechanical Engineering

Seven candidates

Michael Eugene Balmert,  
Pittsburgh, Pa.  
\*Gregory George Bozin, Akron

Albert Myron Dickerson, Columbus

\*Thomas Joseph Henry, Versailles

\*Raymond Eugene Knotts,

West Manchester

\*Jack Richards Silsby, Mansfield

John Edward Swenson, Akron

### Bachelor of Science in Mechanical Engineering

One candidate

Leslie Strand, Columbus

### Bachelor of Metallurgical Engineering

Three candidates

Robert Clark Amos, Scio

Ronald Lee Hughes, London

Joseph Michael Vanecko,

St. Clairsville

### Bachelor of Science in Physics

One candidate

Michael Kovar, Shelby, N. C.

### Bachelor of Science in Engineering Physics

Four candidates

Ralph William Ballmer, Cincinnati

Donald Lee Cullen, Columbus

Lawrence Edward Katonak,

Painesville

Robert Steven Kish, Cleveland

### Bachelor of Welding Engineering

Three candidates

Jay Martin Collins, Columbus

Charles Douglas Somers, Alliance

\*Charles Michael Weber, Marietta

### School of Architecture

#### Bachelor of Science in Architecture

One candidate

Karl Raymond Mrozek,

Mountainside, N. J.

### Doctor of Medicine

Five candidates

Robert Joseph Keck, Columbus  
B.S.

Kenneth Charles Lang,  
New Philadelphia  
B.S.

Ronald Phillip White, Youngstown  
B.S. (Westminster College)

Aian Cecil Wine, Youngstown  
B.S.

Judith Braslow Zacher, Columbus  
B.A. (University of California  
at Riverside)

### School of Allied Medical Professions

#### Bachelor of Science in Medical Illustration

One candidate

Ruth Legg Krabach, Columbus

#### Bachelor of Science in Medical Technology

Six candidates

Nancy Vaughan Benjamin, Columbus

Tamzan Ann Davis, Columbus

Carolyn Sue Freet, Springfield

Phylis Ann Hinaman, Marion

Patricia Ann Hunter, Warren

Arlene Cecile Marx, Pittsburgh, Pa.

#### Bachelor of Science in Occupational Therapy

Eleven candidates

Pamela Smith Barnett,

Waretown, N. J.

Rebecca Ann Mullins Caufield,

Hiram

Christine Marie Davis,

West Hurley, N. Y.

Nancy Jean Fischer, Galion

Dixie Ann Goodwin, Columbus

Marilyn Polster Katzel,

Shaker Heights

Mary Lee Lippert, Wyoming

\* Also Master of Science, Graduate School

Marsha Goodwin Mitchell,  
Youngstown  
Pamela Kay Schmenk, Enon  
Nancy Wallace Tidrick,  
Westwood, Mass.  
Joyce Kaylene Troyer, Elida

**Bachelor of Science in  
Physical Therapy**

One candidate

Sheila Rae Ludwig, East Liverpool

**Certificate of Nurse Anesthetist**

Two candidates

Luella Gertrude Rapp, Ironton  
Gloria Jean Turner, Bellaire

**Certificate of  
Graduate Physical Therapist**

Thirteen candidates

Paula Leigh Bell, Morgantown, W.Va.  
B.S.P.E. (West Virginia  
University)  
Joseph Harold Daly, Elyria  
B.S.  
Susan Lee Hay, Dayton  
B.A. (Ohio Wesleyan University)  
Karen Ann Hune,  
Williamstown, W. Va.  
B.A. (Muskingum College)  
Elisabeth Ann Lohrman,  
Grand Rapids, Mich.  
B.S. (Michigan State University)  
William Toshio Maebori,  
Auburn, Wash.  
B.S. (Washington State University)  
Raymond Stanley Metzger, III, Toledo  
B.A. (University of Toledo)  
Marilyn Ann Mount, Columbus  
B.A. (Miami University)  
Sister Nancy Marie Neely,  
Columbus  
B.A. (Ohio Dominican College)  
Donna Faye Redman, Columbus  
B.S. (Pennsylvania State  
University)  
Gretchen Rudolf, Madison  
B.A. (Miami University)  
Judith Lorretta Stoecker,  
Chicago, Ill.  
B.S. (Quincy College)  
Donald Wayne Wick,  
Powell Butte, Ore.  
B.S. (Oregon College of Education)

**School of Nursing**

**Bachelor of Science in Nursing**

Thirteen candidates

Karen Miller Ahijevych, Columbus  
Harlene Ann Caroline, Dayton  
Susan Cullen, Southport, Conn.  
Margaret Straka Dragonette,  
Fairview Park  
Sarah Linn Endsley, Cuyahoga Falls  
Janet Marie Fleming, West Salem  
Carol Margaret Kopesos, Youngstown  
Barbara Gorman Markwood,  
Columbus  
Billie Lee Persohn, East Liverpool  
Sharon Lee Rigdon, Cincinnati  
Louise Ann Riggle, Wooster  
Elaine Claire Smith, Fremont  
Mary Jeanne Wilson, Wilmington

## Graduates with Honors

### Summa Cum Laude

Karen Miller Ahijevych, Columbus  
Jay Martin Collins, Columbus  
Mary Kay Dorn, South Solon  
Betty Ballard Ellwood, Columbus  
Debra Smith Lee, Park Forrest, III.  
Maureen Ellis Lippert, Lancaster  
Carolyn Anglin Myers, Westerville  
Terry Lynn Owens, Greenfield  
Billie Lee Persohn, East Liverpool  
Paul David Ruff, Lancaster  
Joyce Kaylene Troyer, Elida  
Walter David Warren, Columbus  
Charles Michael Weber, Marietta  
Roger Alan Weber, Archbold  
Larry Gordon Wilson, Thompson

### Cum Laude

Michael Eugene Balmert,  
Pittsburgh, Pa.  
Penny Jo Beech, Cridersville  
Jerry Aiden Boling, Mt. Vernon  
Charles Christopher Bowlus,  
Columbus  
Leslie Joan Boyle, Cambridge  
Ervin James Bruntz, Columbus  
Kathryn Marie Bucher, Elida  
Thomas Ellsworth Burroughs, Jr.,  
Euclid  
Susan Burrows, Worthington  
Mary Casner Buzby, Grove City  
Stephen Joseph Carr, Columbus  
Craig McClain Cheetham, Columbus  
Susan Dias, Dayton  
Elizabeth Smith Falk, Columbus  
Michael Edward Greene, Columbus  
Thomas Joseph Henry, Versailles  
Bruce Carroll Huntzinger, Sandusky  
Raymond Eugene Knotts,  
West Manchester  
Marshall Neal Kurfiss, Germantown  
Michael Curtis McBrayer, Columbus  
Phyllis Prizant Mentser, Cleveland  
John Fred Meyer, Columbus  
James Frederick Mosier, Columbus  
Richard James Murdock, Akron  
Nancy Esselstein Osborn, Columbus  
Mark Alan Schweickart, Columbus  
Jack Richards Silsby, Mansfield  
John Edward Swenson, Akron  
Nash Ray Uebelhart, Canton  
William Philip Whalen, Lima  
Danley Bryan Wolfe, Columbus  
Linda Ann Woolard, Newark  
Robert Scott Wynn, Rome

### Summa Cum Laude and with Distinction in Accounting

Melvin Alan Krasney, Toledo

### Summa Cum Laude and with Distinction in German

Kathleen Vian Spangler, Columbus

### Summa Cum Laude and with Distinction in Horticulture

Ned William Wilson, Newark

### Cum Laude and with Distinction in Agricultural Economics

John Kelly Lynam, Bethel

### Cum Laude and with Distinction in Home Economics

Patricia Douce Janes,  
Washington Court House

### With Distinction in Economic Anthropology

Anthony Belgrano vanFossen,  
Columbus

### With Distinction in Horticulture

Roy Kenneth Daum, Freehold, N. J.

Page 84 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND FIFTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 10, 1970

The Board of Trustees met at its regular monthly meeting on Thursday, September 10, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, James W. Shocknessy, Don M. Hilliker,  
John H. Dunlap, Jack G. Gibbs and Frederick R. Eckley.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

September 10, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Honorary Degree

Pursuant to Section 3, Rule 11.05, of Rules for the University Faculty, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, the honorary degree--Doctor of Public Administration--was conferred upon John A. Volpe, Secretary of Transportation, at the September 4, 1970 Commencement.

It was recommended that the action of the President be ratified.

Upon motion of Mr. Eckley, seconded by Mr. Dunlap, the Board of Trustees approved the said action by unanimous voice vote.

B. Joseph Sullivant Medal Award

The Joseph Sullivant Medal is awarded once every five years as a memorial to the eminent services of Mr. 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.

Pursuant to the authority of the Board of Trustees, nominations for the award were referred through the Dean of the Graduate School and the final selection of an individual for the award was made by the Board of Award appointed by the President. This Board carefully reviewed the candidates' qualifications and selected Dr. John D. Kraus, Professor of Electrical Engineering and Director of the Radio Observatory at The Ohio State University. The Medal was awarded at the September 4, 1970 Commencement Convocation.

President Fawcett requested that the action in granting the Joseph Sullivant Medal be ratified.

Upon motion of Mr. Eckley, seconded by Mr. Dunlap, the Board of Trustees approved the said action by unanimous voice vote.

C. Revision of Article I, Section 1, of the Bylaws of the Board of Trustees of The Ohio State University

At the request of the majority of the Trustees, President Fawcett recommended that Article I, Section 1, of the Bylaws of the Board of Trustees of The Ohio State University be revised as follows to provide for a new date for Board meetings:

Unless otherwise specified by the Chairman, regular meetings of the Board of Trustees shall be held on the first Friday of each month except the month of August, during which there will be no regular meeting.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

September 10, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Establishment of the Degree, Doctor of Arts

The Faculty Council on September 1, 1970, approved the proposal from the Council on Academic Affairs for the establishment of the degree, Doctor of Arts.

The Doctor of Arts degree is proposed as the alternate degree for the preparation of the college teacher. The Graduate School is to have responsibility for administering this degree. It is intended that the Doctor of Arts degree will provide an alternative to the Ph. D. degree, particularly for those who wish a career in teaching.

President Fawcett recommended that the action of the Faculty Council be approved. Pursuant to Section 3333.04 of the Revised Code of Ohio, it was recommended further that this proposal be forwarded to the Board of Regents for approval; and subject to this approval that this action become effective as programs are approved for various departments of the University.

Upon motion of Mr. Eckley, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendations by unanimous voice vote.

E. Establishment of New Rules 11.12 and 29.2731 and Revision of Rules 11.11, 11.13, 29.25, 29.2701 and 29.2707

The Faculty Council on September 1, 1970, approved two additional Rules for the University Faculty to provide for the creation of the Office of Ombudsman (Rule 11.12) and for establishment of the Advisory Committee on Campus Grievances (Rule 29.2731). The creation of this office requires the revision of Rules 11.11 (President's Cabinet), 11.13 (Principal Administrative Officials) and 29.25 (Records of the University Faculty) to incorporate "the University Ombudsman" in the list of persons having access to the records of the President's Cabinet, administrative officials and the University Faculty.

Rules 29.2701 (Council on Academic Affairs) and 29.2707 (Research Council) have been modified to provide for student membership on these bodies. (See Appendix II for complete text of Rule changes, page 141.)

President Fawcett recommended that the action of the Faculty Council be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing additions in the next printing of the Rules for the University Faculty.

September 10, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University

President Fawcett presented the following statement pertaining to the reorganization of the University:

A university to be vital must have a responsiveness to the evolving needs of the people which it serves. For this University to fulfill this responsibility, particularly in a time of great enrollment pressures, the knowledge explosion, the ever-expanding needs for new and improved programs, the greatly increasing demands for service, as well as the generally higher expectations of society, requires constant reevaluation and realignment of administrative structure. It is my responsibility as President to continue to effect realignments in this structure which I believe will be most responsive to the needs of the University.

During this past summer I have completed such a reevaluation and I am now convinced that this University is at a point where an administrative realignment is not only highly desirable but also necessary. I should now like to take a few minutes to set forth the essential aspects of this realignment which, with your approval, I propose to implement at the earliest possible date. (See page 89, Organization of the Ohio State University.)

First, as a further extension of the concept established last year of assigning the Vice President for Academic Affairs and Provost and the Vice President for Administrative Operations directly to the Office of the President, I am now proposing that the authority of these two officers be modified so as to act, with some alteration in title, as my deputies; in the case of the Provost and Vice President for Academic Affairs for matters relating to the academic program of this University, and in the case of the Executive Vice President for Administrative Operations for matters relating to the administrative operations of this University.

There is a need at this time for additional recognition and concomitant authority in two of the most rapidly developing and critical areas of the University--Regional Campuses and University College, and Medical Affairs. Through the creation of new vice presidencies with cabinet-level status in each of these areas it is hoped that they can best realize their fullest potential.

The Vice President for Regional Campuses and University College will have the assigned responsibility for the continued development and coordination of this University's four regional campuses, Lima, Mansfield, Marion and Newark, and University College including the facilities as well as the resources.



September 10, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

President Fawcett's Statement (continued)

The Vice President for Medical Affairs will be charged with the responsibility for the continued planning, development and management of the University Medical Center including the present University Hospital and the \$51 million of new facilities, the responsibility for the coordination of the Affiliated Hospitals Program, the new Mental Retardation Facility, Animal Laboratories, Regional Medical Programs, the Medical Library and the nonacademic aspects of the College of Medicine.

I am also proposing a realignment of several administrative areas which should result in better coordination with other closely allied administrative offices as well as a greater consistency of responsibility. These include the following reassignments:

- Alumni Records Office to the Office of University Development which now represents the President in the coordination of the Alumni Association and the Development Fund.
- Mershon Auditorium to the Office of University Development since this office presently is charged with the administration of special events on this campus.
- University Housing to the Office of Business and Finance which already has the responsibility for the operation, maintenance and debt service of all University residential facilities.
- The Office of Admissions and the Office of the Registrar to the Executive Vice President for Administrative Operations so as to bring these activities more closely in line with the administrative systems developmental activities of the University.
- The Traffic Department and the Traffic and Parking Commission to the Executive Vice President for Administrative Operations so as to place the Vice President for Student Affairs in a stronger student advocacy role.

September 10, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

President Fawcett's Statement (continued)

With this transfer of responsibility as well as the others previously mentioned, a greater opportunity should be provided the person in this role to work directly with student organizations and student government as well as on an individual student basis.

-- And, finally, I have the view that the person appointed Ombudsman for the University should have direct access to the Office of the President. I am also convinced that I must have direct access to the person occupying the position of Director of Public Safety. Accordingly, I have provided for the direct reporting of both of these officers along with the Director of the University Budget and Director of Administrative Research and Systems.

In a limited time I have attempted to outline some of the more major aspects of the realignment in central administration which I am proposing. Obviously many hours have been spent in discussions and reflection of all of the various aspects and ramifications of these changes. And many more hours will have to be spent in discussions before all of these changes can be effected. Finally, I am convinced that this structure will be more responsive than the present alignment in administering this University's various programs.

I am now recommending for your action the necessary revisions in the Statutes, By-Laws and Rules of the University Faculty in support of this realignment. Upon favorable action on these recommendations I will implement the necessary personnel actions as rapidly as possible to achieve this administrative structure.

11.1101. Provost and Vice President for Academic Affairs.\*

Section 1. The Provost and Vice President for Academic Affairs shall be the executive head of the Office of Academic Affairs, Office of Research and Sponsored Programs, and the Office for the Coordination of Minority Affairs. The Provost and Vice President for Academic Affairs is the principal

---

\*Rule initiated by Board of Trustees.

September 10, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1101. Provost and Vice President for Academic Affairs.\* (continued)

academic officer of the University responsible directly to the President of the University for all matters relating to the academic program of the University.

Section 2. The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents of the University which relate to the academic program of the University.

Section 3. The principal administrative officials of the Office of Provost and Vice President for Academic Affairs shall include such associates as may be authorized from time to time.

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1102. Executive Vice President for Administrative Operations and Secretary of the Board of Trustees.\*

Section 1. The Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall serve as chief operating officer responsible directly to the President for all matters relating to the administrative functions of the University.

Section 2. The major area of responsibility and authority for the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the conduct and evaluation of all administrative operations and procedures of the University; for the Secretaryship of the President's Cabinet, the Administrative Council and the Board of Trustees; the University staff function; the direct administration of the Division of Campus Planning, the University Archives, admissions, registrations, the "affirmative action programs" of the University; coordination of traffic and parking facilities and the regulations pertaining thereto; the coordination of computer operations of the University; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents of the University which relate to the administrative operations of the University.

Section 3. The principal administrative officials of the Office of the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall be the Director of Campus Planning, Director of Admissions, Registrar, Administrator of the University's Affirmative Action Program, Archivist, and such other associates as may be authorized from time to time.

11.1103. Vice President for Business and Finance.\*

Section 1. The Vice President for Business and Finance shall be the executive head of the Office of Business and Finance.

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1103. Vice President for Business and Finance.\*  
(continued)

Section 2. The major area of responsibility and authority of the Vice President for Business and Finance shall be that of the business and finance functions of the University. Without limiting the generality of the foregoing, the Vice President for Business and Finance shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be the Treasurer and the Chief Fiscal Officer of the University and be responsible and have the requisite authority for: the business management of the University; the architectural planning and construction of new buildings; the operation and maintenance of all buildings and the care and maintenance of grounds; the purchasing, warehousing, and distribution of supplies and equipment; the maintenance of all equipment; the recruitment of non-instructional personnel; the preparation and processing of all payrolls; the administration of sick leave and vacation policies of all employees of the University except instructional personnel; the administration of contracts and grants with federal and state agencies including financial reports, overhead studies and negotiation thereof; the administration of all University housing facilities including program, operation and maintenance; and the establishment of investment policies with the concurrence of the President and the approval of the Board of Trustees.

Competitive bids shall be sought in all cases wherein the best interests of the University and the State of Ohio will be served by such competition, notwithstanding the fact that competitive bidding may not be required by any provision of law. The foregoing requirement of competitive bidding shall not apply to personal services and may be waived by the Vice President for Business and Finance in emergencies or where it is not practical to have competitive bidding.

Section 3. The Vice President for Business and Finance may serve as the Treasurer of The Ohio State University Development Fund and the Student Loan Fund.

Section 4. The principal administrative officials of the Office of Business and Finance shall be the Assistant Vice President for Finance, the Assistant Vice President and Business Manager, the Assistant Vice President for Physical Facilities, the University Architect, the Director of

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1103. Vice President for Business and Finance.\*  
(continued)

Construction, the Director of Physical Plant, the Director of Nonacademic Personnel, the Director of University Housing, and such other associates as may be authorized from time to time.

11.1104. Vice President for Student Affairs.\*

Section 1. The Vice President for Student Affairs shall be the executive head of the Office of Student Affairs.

Section 2. The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling and testing, student financial aids and scholarships, off-campus student housing; nonacademic scheduling of University facilities, student orientation program, and student statistical services.

Section 3. The principal administrative officials of the Office of Student Affairs shall be the Dean of Students, Executive Dean for Student Statistical Services, Director of University Health Service, Director of Student Financial Aids, Director of Off-Campus Housing, Director of Athletics, Director of the Ohio Union, and such other associates as may be authorized from time to time.

11.1105. Vice President for University Development.\*

Section 1. The Vice President for University Development shall be the executive head of the Office of University Development.

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1105. Vice President for University Development.\*  
(continued)

Section 2. The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records, governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the management of Mershon Auditorium.

Section 3. The principal administrative officials of the Office of University Development shall be a Director of Public Relations, Director of University Publications, Director of News, Director of the Alumni Information Center, Manager of Mershon Auditorium, and such other associates as may be authorized from time to time.

11.1106. Vice President for Educational Services.\*

Section 1. The Vice President for Educational Services shall be the executive head of the Office of Educational Services.

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; and the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science.

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1106. Vice President for Educational Services.\*  
(continued)

Section 3. The principal administrative officials of the Office of Educational Services shall be the Assistant Vice President for Continuing Education; the Director of the Telecommunications Center, the Director of the University Libraries, the Director of the Department of Photography and Cinema, the Director of the Listening Center, and the Director of the Teaching Aids Laboratory; and the Chairman of the Department of Air Force Aerospace Studies, the Chairman of the Department of Military Science, and the Chairman of the Department of Naval Science and such other associates as may be authorized from time to time.

11.1107. Vice President for Medical Affairs.\*

Section 1. The Vice President for Medical Affairs shall be the executive head of the Office of Medical Affairs.

Section 2. The major area of responsibility and the authority of the Vice President for Medical Affairs shall be that of medical affairs at the University. Without limiting the generality of the foregoing, the Vice President for Medical Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of the University Hospitals, the Animal Laboratories, and the Medical Library; the development of a comprehensive master plan for the Medical Center in cooperation with the University's Office of Campus Planning; the coordination of the Mental Retardation Facility and of radiation safety activities on the campus; the development of and overall supervisory authority for various regional medical programs; the development of agreements and cooperative arrangements with various regional and governmental hospital facilities; and the administration of all nonacademic aspects of the College of Medicine and the Schools of Allied Medical Professions and Nursing through the Dean of Medicine.

Section 3. The principal administrative officials of the Office of Medical Affairs shall be the Dean of Medicine in all nonacademic matters, the Administrator of the

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1107. Vice President for Medical Affairs.\*  
(continued)

University Hospitals, the Director of Medical Center Planning, the Director of Animal Laboratories, the Director of the Medical Library, the Director of the Regional Medical Programs, and such other associates as may be authorized from time to time.

11.1108. Vice President for Regional Campuses and Dean of the University College.\*

Section 1. The Vice President for Regional Campuses and Dean of the University College shall be the executive head of the Office of Regional Campuses and the University College.

Section 2. The major area of responsibility and the authority of the Vice President for Regional Campuses and Dean of the University College shall be that of the general administration of the regional campuses of the University and the University College. Without limiting the generality of the foregoing, the Vice President for Regional Campuses and Dean of the University College shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for each of the regional campuses of the University and the University College; the coordination of the academic programs offered through these units with the administrative officials of the Colleges of the University; and the coordination of nonacademic matters with the principal administrative officials who have University-wide responsibility for such matters.

Section 3. The principal administrative officials of the Office of Regional Campuses and the University College shall be the Director of the Lima Campus, the Director of the Mansfield Campus, the Director of the Marion Campus, the Director of the Newark Campus, and such other associates as may be authorized from time to time.

---

\*Rule initiated by Board of Trustees.

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.13. Principal Administrative Officials.\*

Section 1. The principal administrative officials in the Offices of the Cabinet Members shall be appointed by the Board of Trustees upon the nomination of the President. Recommendations regarding these appointments will be made to the President through the appropriate coordinating deputy, either the Provost and Vice President for Academic Affairs or the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees of the University following appropriate consultation.

Section 2. Each principal administrative official shall have such responsibility and shall exercise such authority as may from time to time be delegated to him by the Cabinet Member to whom his office is attached. He shall be responsible to his Cabinet Member for the activities of his office and shall report directly to that Cabinet Member.

Section 3. Appropriate records shall be kept by all of these administrative officials and shall be available to the President, to the University Ombudsman, or the appropriate Cabinet Member upon request.

Section 4. Unless otherwise specified, all assigned responsibilities shall be on a University-wide basis including the Regional Campuses of the University.

Section 5. In the rules following this section specific responsibilities are assigned to the Director of Libraries, Registrar, Director of Admissions, and Director of Athletics. Further responsibilities may be assigned from time to time in accordance with Section 2 of this Rule 11.13.

---

\*Rule initiated by Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Board of Trustees by unanimous roll call vote approved the reorganization and realignment of the Central Administrative Structure of The Ohio State University and the changes in the Rules for the University Faculty to accomplish this purpose; the Secretary of the Board of Trustees was instructed and given authority to make the appropriate changes in the next printing of the Rules for the University Faculty.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the July 9, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

Madison H. Scott from Assistant Director of Personnel and Equal Employment Opportunity Officer to Director of the University's Affirmative Action Program, effective October 1, 1970, at a salary of \$15,168.00 per annum.

Thomas B. Smith from Associate Director of the Physical Plant to Assistant Vice President - Facilities, The Ohio State University, effective September 10, 1970, at a salary of \$24,768.00 per annum.

B. Appointment

Donald G. Hanna, Director of Public Safety, effective as soon as practicable, at a salary of \$24,768.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Marian E. Hermance, Associate Professor (Extension Food Service Specialist), effective January 1, 1971 through June 30, 1971, to participate in a program of professional improvement at Michigan State University.

Kenneth E. Ackerman, Instructor (County Extension Agent, Agriculture) Athens County, effective October 1, 1970 through March 15, 1971, to participate in a program of professional improvement at Ohio University.

T. Roy Bogle, Instructor (County Extension Agent, Agriculture) Coshocton County, effective September 1, 1970 through January 31, 1971, to participate in a program of professional improvement at Purdue University.

Franklin D. Findley, Instructor (County Extension Agent, Agriculture, 4-H) Wayne County, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Rodney A. Petteys, Instructor (Area Extension Agent, 4-H), effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

September 10, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Joe D. Pittman, Instructor (Area Supervisor, McConnelsville Area Center), effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

David L. Reed, Instructor (Area Extension Agent, Animal Industry) Defiance Area Center, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at Bowling Green State University.

Richard E. Young, Instructor (Associate State Leader, 4-H), effective July 1, 1970 through November 30, 1970, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Glenn W. Miller, Professor, Department of Economics, effective October 1, 1970 through October 31, 1970, to continue on the faculty at Wichita State University.

Glenn O. Schwab, Professor, Department of Agricultural Engineering, effective August 1, 1970 through August 31, 1970, to serve as a Consultant to the Dean, College of Agricultural Engineering, Ludhiana, Punjab, India.

Hans L. Zetterberg, Professor and Chairman, Department of Sociology, effective October 1, 1970 through September 30, 1971, to assist in the integration of survey research organizations in Europe.

Rudolf Ahlswede, Associate Professor, Department of Mathematics, effective October 1, 1970 through September 30, 1971, to serve as a Visiting Associate Professor at the University of Illinois.

Hugh C. Atkinson, Associate Professor, University Libraries, effective August 3, 1970 through August 14, 1970, to accept a teaching assignment at the State University of New York at Genesco, New York.

Arno Cronheim, Associate Professor, Department of Mathematics, effective October 1, 1970 through September 30, 1971, to serve as a Visiting Associate Professor at the Institute for Higher Education in the Negev, Beer Sheva, Israel.

September 10, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

William E. Gill, Associate Professor (Extension Agricultural Engineer), Cooperative Extension Service, effective September 16, 1970 through December 15, 1970, to serve as a Consultant to the Dean, College of Agricultural Engineering, Ludhiana, Punjab, India.

David A. Knapp, Associate Professor, College of Pharmacy, effective September 1, 1970 through June 30, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

Demetrius Vakaleris, Associate Professor, Department of Dairy Technology, effective July 6, 1970 through September 6, 1970, for personal reasons.

Alma L. Wittmeyer, Associate Professor, School of Nursing, effective July 1, 1970 through September 30, 1970, for personal reasons.

Mary Montei Andrian, Assistant Professor, School of Home Economics, effective October 1, 1970 through September 30, 1971, for personal reasons.

M. Jean Daubenmire, Assistant Professor, School of Nursing, effective July 24, 1970 through August 31, 1970, for personal reasons.

Elmer L. Good, Assistant Professor, School of Social Work, effective July 1, 1970 through June 30, 1971, to pursue studies for his doctoral degree.

Joan E. Herr, Assistant Professor, School of Home Economics, effective July 1, 1970 through September 30, 1970, to accompany her husband while he is on duty at the Punjab Agricultural University, Punjab, India.

Deanne E. Knapp, Assistant Professor, College of Pharmacy, effective September 1, 1970 through June 30, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

Clair J. Lehr, Assistant Professor, School of Home Economics, effective October 1, 1970 through September 30, 1971, for personal reasons.

September 10, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Dennis Richard Preston, Assistant Professor, Department of English, effective October 1, 1970 through September 30, 1971, to conduct research at the Santa Clara Valley Skills Center, Sunnyvale, California.

T. Roy Bogle, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective February 1, 1971 through June 30, 1971, to participate in a program of professional improvement at Purdue University.

Gregory A. Briggs, Instructor (County Extension Agent, 4-H) Trumbull County, Cooperative Extension Service, effective September 1, 1970 through June 15, 1971, to participate in a program of professional improvement at The Ohio State University.

Suzanne Croci, Instructor, School of Nursing, effective July 1, 1970 through September 30, 1970, for personal reasons.

Helen E. Genco, Instructor, School of Nursing, effective July 1, 1970 through December 31, 1970, for personal reasons.

Judith A. Graves, Instructor, School of Nursing, effective July 1, 1970 through September 30, 1970, for personal reasons.

Philip L. Grover, Instructor (County Extension Agent, Agriculture) Fayette County, Cooperative Extension Service, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Ann Helburn, Instructor, University Libraries, effective July 1, 1970 through July 31, 1970, for professional travel.

Joanna H. Kister, Instructor, School of Home Economics, effective August 1, 1970 through January 31, 1971, for personal reasons.

Beverly Ann McClure, Instructor, College of Dentistry, effective October 1, 1970 through December 31, 1970, for personal reasons.

Byron H. Nolte, Instructor (Extension Agricultural Engineer), Cooperative Extension Service, effective October 1, 1970 through June 30, 1971, to continue studies at The Ohio State University.

September 10, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Lois Irene Rowell, Instructor, University Libraries, effective August 17, 1970 through August 28, 1970, for travel.

A. Joseph Warner, Instructor (County Extension Agent, 4-H) Mahoning County, Cooperative Extension Service, effective September 1, 1970 through June 30, 1971, to participate in a program of professional improvement at North Carolina State University.

Francis M. Whitaker, Instructor, Marion Campus, effective October 1, 1970 through December 31, 1970, to pursue a program of professional improvement leading to an advanced degree.

E. Emeritus Titles

Ruth M. Beard, School of Home Economics, with the title Professor Emeritus, effective September 1, 1970.

A. Ross Milner, Cooperative Extension Service and Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective August 1, 1970.

Roy J. Secrest, Department of Surgery, with the title Professor Emeritus, effective July 1, 1970.

Marshall K. Whisler, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1970.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
June 20, 1970 - August 18, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	22	\$1,460,306.00
Industrial and Other Research	9	160,262.00
<u>Grants</u>		
Government Research - Federal	24	907,436.00
Government Research - State	1	54,000.00
Industrial and Other Research	9	<u>101,899.58</u>
Totals	65	\$2,683,903.58

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, U. S. Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Project No. 2228 - Mod. #8 - College of Education - Science and Mathematics Education).  
Gross Value - \$71,274.00.
- b. Department of Air Force, Systems Engineering Group, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Project No. 2443 - Amend. #12 - Research Foundation).  
Gross Value - \$250,000.00.
- c. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Advanced Radar Reflector Investigation (U) (to be known as Project No. 2584 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$24,600.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. U. S. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-B1 - Mod. #2-1 - Department of Chemistry).  
Gross Value - \$17,200.00.
- e. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Project No. 2726 - Mod. #P00003 - Department of Metallurgical Engineering).  
Gross Value - \$16,236.00.
- f. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Antennas with Solid State Circuitry (to be known as Project No. 2744 - Mod. #P003 - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- g. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Antennas with Solid State Circuitry (to be known as Project No. 2744 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$45,000.00.
- h. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Project No. 2819 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$36,000.00.
- i. U. S. Army Mobility Equipment Research and Development Center, Research and Development Procurement Office, Fort Belvoir, Virginia, Near Field Antenna Components for Mine Detectors (to be known as Project No. 2857 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$27,263.00.
- j. Agency for International Development, Office of Procurement, Contract Services Division, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDCs (to be known as Project No. 2871 - Amend. #3 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$286,173.00.

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- k. Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of 10.6 Micron Propagation Phenomena (U) (to be known as Project No. 2880 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$189,943.00.
- l. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in Iron-Nickel-Chromium Alloy (to be known as Project No. 2958 - Step #2 - Department of Metallurgical Engineering).  
Gross Value - \$110,000.00.
- m. Naval Regional Procurement Office, U. S. Navy Base, Philadelphia, Pennsylvania, Development of a Method to Produce Pictures with Acoustic Energy (to be known as Project No. 2976 - Mod. #P004 - Department of Welding Engineering).  
Gross Value - \$3,025.00.
- n. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Transpiration Cooling (to be known as Project No. 2977 - Mod. #P002 - Department of Mechanical Engineering).  
Gross Value - \$5,050.00.
- o. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Transpiration Cooling (to be known as Project No. 2977 - Mod. #P00003 - Department of Mechanical Engineering).  
Gross Value - \$36,950.00.
- p. U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior of National Samples of Men (45-59), Women (30-44) and Male and Female Youth (14-24) (to be known as Project No. 3038-A1 - Mod. #1 - College of Social and Behavioral Sciences - Center of Human Resource Research).  
Gross Value - \$24,928.00.
- q. U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Program to Apply in the Gas Diagnostics in the AFFDL (Air Force Dynamics Laboratory) (to be known as Project No. 3040-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$33,200.00.

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Determinants of Population Growth Study (to be known as Project No. 3055-A1 - New - Department of Economics).  
Gross Value - \$52,700.00.
- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research Into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - New - Department of Preventive Medicine).  
Gross Value - \$105,000.00.
- t. Department of Air Force, Aeronautical Systems Command, Wright Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$33,284.00.
- u. Department of Health, Education and Welfare, Public Health Service, Consumer Protection and Environmental Health Service, Food and Drug Administration, Rockville, Maryland, Contract Orientation Course for Project Officers (to be known as Project No. 3067-A1 - New - College of Administrative Science - Division of Continuing Education).  
Gross Value - \$2,444.00.
- v. Department of Health, Education and Welfare, U. S. Office of Education, Contracts and Grants Division, Planning, Research and Evaluation Branch, Washington, D. C., To Design New Patterns for Training Research, Development, Demonstration, Dissemination and Evaluation Personnel (to be known as Project No. 3068-A1 - New - College of Education).  
Gross Value - \$50,036.00.

TOTAL - Government Research Contracts - Federal \$1,460,306.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #22 - Department of Metallurgical Engineering).  
Gross Value - \$11,244.00.

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- b. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350-B - New - Department of Metallurgical Engineering).  
Gross Value - \$6,000.00.
- c. Industrial Sponsor, Study of Dental Caries (to be known as Project No. 2065 - Ren. Ltr. Dated 6/23/70 - College of Dentistry).  
Gross Value - \$20,500.00.
- d. Industrial Sponsor, Study of Dental Caries (to be known as Project No. 2065-A - Ext. #4 - College of Dentistry).  
Gross Value - \$60,139.00.
- e. Industrial Sponsor, Study of Dental Calculus (to be known as Project No. 2070 - Ren. Ltr. Dated 6/1/70 - College of Dentistry).  
Gross Value - \$29,528.00.
- f. The Metal Properties Council, United Engineering Center, New York, New York, A Survey of Mechanical and Corrosion Properties of Selected Alloys (to be known as Project No. 3069-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$18,000.00.
- g. The University of Michigan, Sponsored Research Purchasing, Ann Arbor, Michigan, The Optimal Regulation of Water Flows in the Great Lakes (to be known as Project No. 3070-A1 - New - Department of Economics).  
Gross Value - \$6,461.00.
- h. Worthington Board of Education, Worthington, Ohio, IACP Demonstration Program with the Worthington Board of Education (to be known as Project No. 3082-A1 - New - College of Education - Industrial-Technology Education).  
Gross Value - \$3,750.00.
- i. Robert F. Kennedy Youth Center, Greenbag Road, Morgantown, West Virginia, IACP Demonstration Program with Robert F. Kennedy Youth Center, Morgantown, West Virginia (to be known as Project No. 3083-A1 - New - College of Education - Industrial-Technology Education).  
Gross Value - \$4,640.00.

TOTAL - Industrial and Other Research Contracts \$160,262.00

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as Project No. 1404-H - Rev. #1 - Department of Physiological Chemistry).  
Gross Value - \$1,250.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-G - Ext. #7 - College of Biological Sciences - Biochemistry and Molecular Biology).  
Gross Value - \$41,697.00.
- c. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-F - Ext. #6 - College of Pharmacy).  
Gross Value - \$16,159.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as Project No. 2060-E - Ext. #6 - Department of Otolaryngology).  
Gross Value - \$19,829.00.
- e. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Project No. 2361 - Mod. #7 - College of Education).  
Gross Value - \$128,938.00.
- f. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bureau of Health Services, Division of Community Health Services, Bethesda, Maryland, Primary Prevention of Coronary Heart Disease (to be known as Project No. 2511-B - Sup. #1 - Department of Preventive Medicine).  
Gross Value - \$37,577.00.

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- g. National Aeronautics and Space Administration, Washington, D. C., Data Analysis of Geodetic Science (to be known as Project No. 2514 - Sup. #2 and Sup. #3 - Department of Geodetic Science).  
Gross Value - \$52,000.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as Project No. 2516-C - Ext. #3 - Department of Chemistry).  
Gross Value - \$30,756.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as Project No. 2901 - Ext. #1 - Department of Veterinary Pathology).  
Gross Value - \$1,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A1 - New - College of Pharmacy).  
Gross Value - \$30,766.00.
- k. National Science Foundation, Washington, D. C., The Adaptation of National Societies (to be known as Project No. 3064-A1 - New - Department of Political Science).  
Gross Value - \$92,300.00.
- l. U. S. Department of Interior, Federal Water Quality Administration, Office of Research and Development, Washington, D. C., Toxicity of Selected Metals to Conditioned Fish (to be known as Project No. 3065-A1 - New - Department of Preventive Medicine).  
Gross Value - \$55,789.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Health Manpower Educational Services, Bethesda, Maryland, Development of Occupational Therapy Job Descriptions and Curricula Through Task Analysis (to be known as Project No. 3071-A1 - New - School of Allied Medical Professions).  
Gross Value - \$95,569.00.

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Blood Estradiol Levels for Assessment of Fetal Status (to be known as Project No. 3073-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$26,529.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Asparate Carbamyl-transferase of Reproductive Tissues (to be known as Project No. 3074-A1 - New - Department of Physiology).  
Gross Value - \$18,197.00.
- p. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Chronic Chlorpromazine Administration to Macacus Rhesus (to be known as Project No. 3075-A1 - New - Department of Medicine).  
Gross Value - \$29,631.00.
- q. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, The Evaluation of a Treatment Program (to be known as Project No. 3077-A1 - New - Department of Psychology).  
Gross Value - \$6,221.00.
- r. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Non-Verbal Reactions to Ambiguous Stimuli (to be known as Project No. 3078-A1 - New - Department of Psychology and Division of Art Education).  
Gross Value - \$6,569.00.
- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A1 - New - College of Biological Sciences - Institute of Nutrition and Food Technology).  
Gross Value - \$32,359.00.
- t. National Science Foundation, Washington, D. C., Mechanism of Photophosphorylation (to be known as Project No. 3081-A1 - New - College of Biological Sciences - Biochemistry and Molecular Biology).  
Gross Value - \$30,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- u. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography (to be known as Project No. 3086-A1 - New - Department of Geography).  
Gross Value - \$3,900.00.
- v. National Science Foundation, Washington, D. C., Application of Chlorosulfonyl Isocyanate to the Study of Carbonium Ion Intermediates and to the Preparation of Unusual Heterocyclic Molecules (to be known as Project No. 3087-A1 - New - Department of Chemistry).  
Gross Value - \$74,300.00.
- w. National Science Foundation, Washington, D. C., Ribonucleic Acid Synthesis During Limb Regeneration (to be known as Project No. 3088-A1 - New - College of Biological Sciences - Population and Environmental Biology).  
Gross Value - \$34,000.00.
- x. National Science Foundation, Washington, D. C., Intermediate Boron Hydrides and Their Derivatives (to be known as Project No. 3090-A1 - New - Department of Chemistry).  
Gross Value - \$42,100.00.

TOTAL - Government Research Grants - Federal \$907,436.00

4. Government Research Grant - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-E - Ext. #5 - Department of Pediatrics).  
Gross Value - \$54,000.00.

5. Industrial and Other Research Grants

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Project No. 1395 - Checks Nos. C-0733-187, C-0733-188, J-140270, C-0741-153 - Department of Surgery).  
Gross Value - \$3,384.58.
- b. American Otological Society, St. Louis, Missouri, The Morphology and Mineralization of Osteosclerosis: A Scanning Electron Microscopic and Electron Microprobe Analytical Study (to be known as Project No. 2789-A - Ext. #1 - Department of Otolaryngology).  
Gross Value - \$6,750.00.

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- c. The State Library of Ohio, Columbus, Ohio, Financing Public Libraries in Ohio (to be known as Project No. 3062-A1 - New - College of Administrative Science - Division of Research).  
Gross Value - \$12,000.00.
- d. Institute for Social Research, Survey Research Center, University of Michigan, Ann Arbor, Michigan, ICFP Data Confrontation Seminar (to be known as Project No. 3063-A1 - New - Department of Political Science).  
Gross Value - \$15,000.00.
- e. American Heart Association, New York, New York, Macrophage Histocompatibility Test System (to be known as Project No. 3072-A1 - New - Department of Medicine).  
Gross Value - \$15,400.00.
- f. Damon Runyon Memorial Fund, New York, New York, Reticuloendothelial Function in Neoplasia (to be known as Project No. 3076-A1 - New - Department of Medicine).  
Gross Value - \$15,000.00.
- g. American Chemical Society, The Petroleum Research Fund, Washington, D. C., High Energy Polycyclic Hydrocarbons (to be known as Project No. 3080-A1 - New - Department of Chemistry).  
Gross Value - \$20,000.00.
- h. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Cytochemistry of Myocardial Enzymes (to be known as Project No. 3084-A1 - New - Department of Pathology).  
Gross Value - \$7,487.00.
- i. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Coronary and Aortic Smooth Muscle Response to Amyl Nitrate (to be known as Project No. 3085-A1 - New - Department of Physiology).  
Gross Value - \$6,878.00.

TOTAL - Industrial and Other Research Grants \$101,899.58

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.



III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contracts (continued)

EES 363X	Removal of Trace Metals from Water by Ion Flotation, U. S. Department of the Interior, Washington, D. C. Gross Value - \$8,380.00.
EES 364X	Coagulation of Clays with Hydrolyzing Metals, U. S. Department of the Interior, Washington, D. C. Gross Value - \$10,400.00.
EES 365X	Chemical and Sediment Movement from Agricultural Land to Lake Erie, U. S. Department of the Interior, Wash- ington, D. C. Gross Value - \$10,500.00.
EES 368X	Interactions Between Microparticulates and Representative Heterotropic Microorganisms from Lake Erie Using Batch and Continuous Culture Techniques, U. S. Department of the Interior, Washington, D. C. Gross Value - \$5,880.00.
EES 369X	Formation of Denser Settled Sludge by Lime Treatment of Synthetic Acid Mine Drainage, U. S. Department of the Interior, Washington, D. C. Gross Value - \$9,975.00.
EES 370X	Stream Pollution from Cattle Feed Lot Runoff, U. S. Department of the Interior, Washington, D. C. Gross Value - \$5,300.00.
EES 371X	Role of Fungi and Algae in Formation and Hydrolysis of Lake Erie Sediments, U. S. Department of the Interior, Washington, D. C. Gross Value - \$8,700.00.
EES 372X	Water Resources Center - Director's Office Account, U. S. Department of the Interior, Washington, D. C. Gross Value - \$24,397.00.
EES 373X	The Ecologic Impact of the Interactions Among Micro- Organisms and Aquatic Contaminants in Lake Erie, U. S. Department of the Interior, Washington, D. C. Gross Value - \$50,200.00.
EES 374X	Field Test of the OSU/ODH Ultrasonic Pavement Thick- ness Gage, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$28,000.00.

TOTAL - Government Research Contracts \$390,702.00

September 10, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

2. Industrial Research Contracts

EES 324X      Effects of the Atmosphere on the Propagation of Laser  
Ext. #2        Radiation, North American Rockwell Corporation,  
                 Columbus, Ohio.  
                 Gross Value - \$28,614.00.

EES 327X      Design Study of Blowdown Rings, Aquatrol, Inc.,  
Ext. #3        Chicago, Illinois.  
                 Gross Value - \$5,000.00.

EES 375X      Analytical and Experimental Study of Safety-Relief  
                 Valve Ratings When Subjected to Saturated Liquids,  
                 National Board of Boiler and Pressure Vessel  
                 Inspectors, Columbus, Ohio.  
                 Gross Value - \$5,000.00.

TOTAL - Industrial Research Contracts \$38,614.00

C. Agreements Between the Division of Vocational Education of the  
State Department of Education and The Ohio State University

President Fawcett recommended that the agreements between The Ohio State University and the State Department of Education, Division of Vocational Education, be continued on a year-to-year basis, and that the contracts for teacher training and special services in the following areas be approved:

Business and Office Education  
Distributive Education  
Guidance Services  
Trade and Industrial Education  
Vocational Education  
Vocational Agriculture  
Vocational Home Economics

It was recommended further that the President of the University and the Secretary of the Board of Trustees be authorized to sign the agreements on behalf of the University on a year-to-year basis.

Upon motion of Mr. Eckley, seconded by Mr. Gibbs, the above recommendations were approved by unanimous roll call vote.

\*

\*

\*

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 9, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance	\$2,004,468.50
Received Through The Ohio State University Development Fund	358,834.47

A. Administered Through the Office of Business and Finance

1. \$241,605.00 granted by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 G03 RM 00022-02)
2. \$170,580.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1970 through August 31, 1971. (RSA Grant No. 151-T-71)
3. \$151,993.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading/Language Arts," under the direction of the College of Education. This project extends through July 31, 1971. (Grant No. OEG 0-70-2057, Revision No. 1)
4. \$132,064.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program - Long-Term Academic - Training Grant," under the direction of the School of Nursing, for the period September 1, 1970 through August 31, 1971. (Grant No. 2 A11 NU 00029-14)
5. \$121,385.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Program in Comprehensive Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 55503-02-70)
6. \$93,750.00 granted by Ohio Law Enforcement Planning Agency, Department of Urban Affairs, 50 West Broad Street, Columbus, Ohio, to the University as a discretionary grant award in accordance with provisions of Part C of Title I of the Omnibus Crime Control and Safe Streets Act of 1968, P. L. 90-351.

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

7. \$90,332.00 granted by U. S. Department of Transportation, Federal Highway Administration, National Highway Safety Bureau, Washington, D. C., to the University for "Expansion of Vocational-Technical School Programs to Accommodate Highway Safety Manpower Requirements," under the direction of The Center for Vocational and Technical Education, for the period June 1, 1970 through May 31, 1971. (Contract No. FH-11-7507)
8. \$85,769.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training - Medical," under the direction of the Department of Surgery, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T12 CA08110-05)
9. \$70,456.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland, to the University for undergraduate nursing student loans and nursing scholarships, under the direction of the Student Financial Aids Office, for the period July 1, 1970 through June 30, 1971. (Grant No. 8 7 45 0430 15 1)
10. \$69,064.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, to the University for "Pharmacology - Training Grant," under the direction of the Department of Pharmacology, for the period July 1, 1970 through June 30, 1971. (Grant No. 2 T01 GM01417-06)
11. \$50,010.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of the Department of Speech, for the period September 1, 1970 through August 31, 1971. (RSA Grant No. 222-T-71)
12. \$41,330.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 AM05403-08)
13. \$41,311.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH08254-08)

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

14. \$39,910.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Professions, for the period September 1, 1970 through August 31, 1971. (RSA Grant No. 209-T-71)
15. \$39,366.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH08526-07)
16. \$35,856.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy," under the direction of the Department of Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 2 T01 CA05192-05)
17. \$34,809.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental - Training Grant," under the direction of the College of Dentistry, for the period July 1, 1970 through June 30, 1971. (Grant No. 2 T12 CA08129-04)
18. \$34,716.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., to the University for "Teaching Grant and Traineeships in Sociology," under the direction of the Department of Sociology, for the period September 1, 1970 through August 31, 1971. (RSA Grant No. 473-T-71)
19. \$31,280.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Language and Area Center for Slavic and East European Studies," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1970 through June 30, 1971. (Contract No. OEC-0-70-3744)
20. \$30,283.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Augmentation," under the direction of the Department of Preventive Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 D04 AH 00525-05)

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

21. \$29,700.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - GP Residency Training," under the direction of the Department of Psychiatry, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH08386-07)
22. \$29,129.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Physiological Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH06748-13)
23. \$28,000.00 granted by U. S. Department of Labor, Washington, D. C., to the University for "The Development of an Interdisciplinary Program of Instruction and Research in Human Resource Policy," under the direction of the Department of Economics, for the period August 1, 1970 through July 31, 1971. (Grant No. 31-37-70-05)
24. \$27,676.50 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Field Services in Speech and Language for Aphasics," under the direction of the Department of Speech, for the period July 1, 1970 through June 30, 1971.
25. \$25,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Special Project in the Area of Mentally Retarded," under the direction of the College of Education, for the period June 1, 1970 through August 31, 1971. (Grant No. OEG-0-70-4812)
26. \$25,000.00 granted by Battelle Memorial Institute, Columbus, Ohio, to the University for the Battelle Professorship of Metallurgy in the Department of Metallurgical Engineering.
27. \$24,879.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Developmentally Delayed Infant Training Project," under the direction of the College of Medicine, for the period June 30, 1970 through June 29, 1971. (Grant No. OEG-0-70-4708)
28. \$24,859.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for a workshop for teachers in Adult Basic Education, under the direction of the College of Education, for the period June 22, 1970 through July 10, 1970.

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

29. \$24,300.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., to the University for Law Enforcement Education Program, under the direction of the Student Financial Aids Office, for the period July 1, 1970 through June 30, 1971. (Transaction No. 003090-71)
30. \$20,985.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., to the University for "Teaching Grant and Traineeships in Occupational Therapy," under the direction of the School of Allied Medical Professions, for the period September 1, 1970 through August 31, 1971. (RSA Grant No. 176-T-71)
31. \$20,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "A Developmental Model for New Careers in Education," under the direction of the College of Education. (Grant No. OEG-0-70-4214)
32. \$16,732.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology Field Training," under the direction of the Department of Psychology, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH10778-04)
33. \$13,600.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1970 through July 31, 1971. (Grant No. 5 D10 NU 00319-03)
34. \$11,999.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "Advanced Driver Education Teacher Training," under the direction of the College of Education, for the period June 1, 1970 through August 31, 1970.
35. \$10,510.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Editors Seminar," under the direction of the School of Journalism, for the period July 1, 1970 through June 30, 1971. (Grant No. 3 R13 DH 00129-06)
36. \$10,461.00 granted by National Science Foundation, Washington, D. C., to the University for "In-Service Institute in Physics for Secondary School Teachers," under the direction of the Department of Physics. This grant terminates on July 31, 1972. (GW-5787)

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

37. \$10,223.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland, to the University for graduate nursing student loans and nursing scholarships, under the direction of the Student Financial Aids Office, for the period July 1, 1970 through June 30, 1971. (Grant No. G 7 45 0430 15 1)
38. \$10,120.00 additional grant by National Science Foundation, Washington, D. C., to the University for 1970 National Science Foundation Graduate Traineeship Program under the direction of the Graduate School. (GZ-1688, Amendment No. 1)
39. \$9,982.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work - Training Grant," under the direction of the School of Social Work, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 T01 MH11981-02)
40. \$9,491.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Annual Meeting of Midwest Professors," under the direction of the Department of Psychiatry, for the period July 1, 1970 through June 30, 1971. (Grant No. 1 T14 MH12346-01)
41. \$6,290.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Graduate Fellowship Program, under the direction of the Office of Academic Affairs - International Program, for the period July 1, 1970 through February 29, 1972. (Grant No. OEG 0-70-0220-824)
42. \$3,897.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Community Services Administration, Washington, D. C., to the University for Child Welfare Training Grant, under the direction of the School of Social Work, for the period July 1, 1970 through June 30, 1971. (Grant No. 70-45)
43. \$3,141.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for the "College Library Resources Program," under the direction of University Libraries - Mansfield Campus, for the period April 30, 1970 through June 30, 1971. (Grant No. OEG-0-70-6403)
44. \$2,625.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Faculty Research/Study Program, under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1970 through February 29, 1972. (Grant No. OEG 0-70-0328-824)

TOTAL - Administered Through the Office of Business and Finance  
\$2,004,468.50

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$40,000.00 from G. D. Searle & Company for the G. D. Searle & Company Research in Medicine Fund.
2. \$23,000.00 from Parke-Davis and Company--\$20,000.00 for the Parke-Davis Rotary Research Fund and \$3,000.00 for the Parke-Davis and Company Fellowship.
3. \$21,000.00 from the Bremer Foundation, Youngstown, Ohio, (In the name of Mrs. Marie Bremer), for the Bremer Foundation Fund in the College of Medicine.
4. \$19,700.00 from Eli Lilly and Company for the Infectious Disease Research Fund.
5. \$15,200.00 from Ohio Turfgrass Foundation for the Golf Course Superintendents Association of America Research Fund.
6. \$15,000.00 from The Upjohn Company for the Infectious Disease Research Fund.
7. \$14,867.00 from the Arthur Young Foundation, (In the names of Messrs. Harold H. Bach, Harmon W. Beyer, Robert H. Birkhold, Charles C. Crumley, James B. Gwilym, Ernest L. Hicks, David L. James, Duane L. Marx, William C. Merrick, Donald N. Payne, William B. Sellers and John M. Waterman), for the Arthur Young Professorship of Accounting.
8. \$14,340.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
9. \$11,430.34 from the American Medical Association for the College of Medicine Memorial Fund.
10. \$10,065.50 from relatives, friends, doctoral graduates and former students and colleagues of Dr. Thomas C. Holy for the establishment of the Thomas C. Holy Fellowship Fund.

Thomas C. Holy Fellowship Fund

The Thomas C. Holy Fellowship Fund was established September 10, 1970, by the Board of Trustees of The Ohio State University by gifts through The Ohio State University Development Fund from his doctoral graduates and other former students and colleagues, both at Ohio State and elsewhere, and from relatives and friends throughout the United States, to honor Dr. Thomas C. Holy, Professor Emeritus of Education at the University (1927-1951) and Director Emeritus of the University's Bureau of Educational Research (1942-1951), now residing in Prairie City, Iowa.

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. Thomas C. Holy Fellowship Fund (continued)

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

The annual income from this fellowship, established during the University's Centennial, is to be used to provide one or more fellowships for doctoral students at The Ohio State University in the field of Education whose major professional interest is in one of these fields: public school administration, higher education, educational research and development, or school plant facilities.

Should the need for this fellowship cease to exist or so diminish as to provide unused income, or should the College of Education cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Education in the fields of public school administration, higher education, educational research and development, or school plant facilities.

11. \$10,000.00 from the University's YMCA and YWCA Advisory Board for the establishment of The Ohio State University YMCA-YWCA Scholarship.

The Ohio State University YMCA-YWCA Scholarship

The Ohio State University YMCA-YWCA Scholarship was established September 10, 1970, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the University's YMCA and YWCA Advisory Board.

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 income is to be used annually to provide one or more scholarships to students. The awardees are to be selected by the University's Scholarship Committee. Academic potential or proven record, financial need and personal character are to be considered by the Committee in the selection of these students.

Should the University Scholarship Committee cease to exist through any reorganization of the University, or should the need for scholarships so diminish as to leave unused income, then the annual income from this endowment fund 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 aids.

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

12. \$10,000.00 from CPC International for the CPC International Dairy Technology Graduate Research Fund.
13. \$10,000.00 from Sandoz-Wander, Incorporated, Hanover, New Jersey, for the Antihyperlipemic Drug Research Fund.
14. \$9,500.00 from the Lubrizol Foundation, Cleveland, Ohio--\$4,000.00 for the Lubrizol Foundation Fellowship Fund for Chemical Engineering, \$4,000.00 from the Lubrizol Foundation Fellowship Fund for Chemistry and \$1,500.00 for the Lubrizol Foundation Scholarship Fund.
15. \$9,400.00 from Charles Pfizer and Company, Inc., for the Infectious Disease Research Fund.
16. \$9,350.00 from the Refractories Institute, Pittsburgh, Pennsylvania--\$9,000.00 for the Refractories Institute Research Fund and \$350.00 for the Refractories Institute Research Fund - Ceramic Engineering.
17. \$9,181.25 from the Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
18. \$8,400.00 from IBM Corporation for the IBM Corporation Fellowship Fund.
19. \$7,062.50 from Dr. William H. Havener--\$4,000.00 for the Ophthalmology Teaching Fund, \$2,062.50 for the Operation Eye Research Fund and \$1,000.00 for the Ophthalmologic Center Fund.
20. \$6,200.00 from Ross Laboratories, Columbus, Ohio, for the Ross Laboratories Graduate Research Fund - Dairy Food Chemistry.
21. \$5,500.00 from National Machinery Foundation, Inc., (In the names of Mr. and Mrs. Robert G. Friedman), for the National Machinery Foundation Fund for Mechanical Engineering.
22. \$5,000.00 from Armco Foundation for the Armco Professorship of Metallurgy.
23. \$5,000.00 from Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.
24. \$5,000.00 from the Estate of Janet McConnell for the Presidents Club Special Fund.
25. \$5,000.00 from the Synod of Ohio for the Ohio Synod New Dimensions Program Fund.
26. \$4,870.00 from Procter and Gamble Company for the Procter and Gamble Fellowship in Chemical Engineering.

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

27. \$4,000.00 from the Central Ohio Heart Association, Columbus, Ohio, for the Central Ohio Heart Chapter Heartmobile Fund.
28. \$4,000.00 from Industrial Nucleonics Corporation for the Center for Tomorrow Fund.
29. \$4,000.00 from the Edward Orton, Jr., Ceramic Foundation for the John L. Carruthers Fellowship in Ceramic Engineering.
30. \$3,500.00 from the Dow Chemical Company--\$2,500.00 for the Dow Chemical Company Scholarship and Fellowship - Chemical Engineering and \$1,000.00 for the Dow Chemical Company Scholarship and Fellowship - Chemistry.
31. \$3,500.00 from the Seven-Up Bottling Company, (In the names of Henry M. O'Neill, Sr., and Henry M. O'Neill, Jr.), for the Student Athlete Grant-in-Aid Fund.
32. \$3,335.88 from Alpha Kappa Gamma for the Alpha Kappa Gamma Student Loan Fund.
33. \$3,298.00 from friends and colleagues of David F. Baker for the establishment of the David F. Baker Memorial Fund.

David F. Baker Memorial Fund

The David F. Baker Memorial Fund was established September 10, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and colleagues of David F. Baker, B.I.E. '52, M.S. '52, Ph.D. '57, Professor and Chairman of the Department of Industrial Engineering, late of Columbus, Ohio.

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

The annual income is to be used to aid faculty members and students in the Department of Industrial Engineering, as recommended by the Chairman of the Department, for such items as: visiting lectureships, purchase of research and other special equipment, publishing scholarly works, travel and awards for meritorious service.

Should the Department of Industrial 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 recommendations from the appropriate administrative official of the University who is then directly responsible for industrial engineering education.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

34. \$2,500.00 from the Forging Industry Education and Research Foundation, (In the names of David E. and Earl M. Tilton, Mrs. Ann T. King and Mrs. Martha T. Reissig)--\$1,250.00 for the Earl M. Tilton Professorship in Mechanical Metallurgy and \$1,250.00 for the FIE&R Foundation Fund.
35. \$2,080.00 from the family and friends of Robert K. Richards for the establishment of the Robert K. Richards Memorial Scholarship Fund.

Robert K. Richards Memorial Scholarship Fund

The Robert K. Richards Memorial Scholarship Fund was established September 10, 1970, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from the family and friends of Robert K. Richards, B.Sc. in Jour. '34, late of Washington, D. C.

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

The annual income is to be used for one or more scholarships to undergraduate students enrolled in the School of Journalism. Students are to be selected by the University Scholarship Committee, upon the recommendation of the Director of the School of Journalism.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Journalism cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism education.

36. \$2,000.00 from the Wilbur K. Jones Foundation, (In the name of Wilbur K. Jones), for the Wilbur K. Jones Student Aid Fund.
37. \$2,000.00 from Lybrand, Ross Bros. and Montgomery, Columbus, Ohio, for the Lybrand Foundation Fund.
38. \$2,000.00 from Marathon Oil Foundation, Inc., Findlay, Ohio--\$1,000.00 for the Faculty of Finance - Marathon Oil Foundation, Inc., Fund and \$1,000.00 for the Faculty of Accounting - Marathon Oil Foundation, Inc., Fund.
39. \$1,550.00 from Floyd W. Bell for the Trudy Bell Memorial Cancer Research Fund.
40. \$1,500.00 from the Hildreth Foundation, Inc., (In the name of Gordon H. Hildreth), for the Student Athlete Grant-in-Aid Fund.

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

41. \$1,500.00 from the Estate of Isadore Topper, (In the name of Mrs. Isadore Topper), for the Isadore and Ida Topper Fund.
42. \$1,420.00 from Joseph A. Jeffrey, Jr., for the Cancer-Leukemia Research Fund.
43. \$1,358.00 from Dr. Lionel E. Dorfman for the Fund for Progress in Urology.
44. \$1,226.00 from Dr. Ronald B. Berggren for the Plastic Surgery Fund.
45. \$1,000.00 from Donald C. Chapman for the Donald C. Chapman Fund.
46. \$1,000.00 from Raymond D. Hammond for the Raymond D. Hammond Chemical Engineering Fund.
47. \$1,000.00 from The Heer Foundation, (In the name of Walter F. Heer, Sr.)--\$500.00 for the Operation Eye Research Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.
48. \$1,000.00 from the Jack N. Meeks Foundation, (In the name of Jack N. Meeks), for the Neurology Research Fund.
49. \$1,000.00 from Richard M. Ross--\$500.00 for the School of Art Special Fund and \$500.00 for the Ohio Dairy Products Research Fund.
50. \$1,000.00 from the Rusoff Foundation, (In the name of Maurice B. Rusoff), for the Maurice B. Rusoff Award Fund.
51. \$1,000.00 from William P. Rutherford for the Artificial Football Turf Fund.
52. \$1,000.00 from Stryker Corporation, (In the name of William B. Campbell, Jr.), for the Stryker Corporation Bioceramic Research Fund.
53. \$1,000.00 from members of the Medical Class of 1970 for the establishment of the Medical College Class of 1970 Fund.

Medical College Class of 1970 Fund

The Medical College Class of 1970 Fund was established September 10, 1970, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from members of the Medical Class of 1970, in memory of Samuel A. Marable, M.D., Professor of Surgery, late of Columbus, Ohio.

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

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

53. Medical College Class of 1970 Fund (continued)

The annual income is to be used in the College of Medicine to perpetuate the memory of Dr. Marable and his interests in medical education, student programs, patient care and research. The principal may also be used if necessary. Expenditures are to be made upon the recommendation of the Dean of the College of Medicine.

54. \$1,000.00 from members of the faculty of the School of Architecture for the establishment of the Elliot L. Whitaker Traveling Fellowship.

Elliot L. Whitaker Traveling Fellowship

The Elliot L. Whitaker Traveling Fellowship was established September 10, 1970, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from members of the faculty of the School of Architecture, in recognition of Mr. Whitaker's twenty years of service to the School of Architecture as its Director and upon his retirement from that position.

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

The annual income is to be awarded to a student enrolled in degree programs offered by the School of Architecture for use in financing travel related to his academic program. Selection of the student is to be made upon the recommendation of the Director of the School of Architecture and the approval of the Dean of the College of Engineering and the Dean of the Graduate School.

TOTAL - Received Through The Ohio State University Development Fund  
\$358,834.47

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

September 10, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund

1. Month of June, 1970

In June, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,454	\$ 85,129.87
Individuals other than alumni	210	27,010.80
Business concerns	41	117,920.18
Foundations	63	80,146.09
	<u>2,768</u>	<u>\$310,206.94</u>

Of these gifts, 1,712 totaling \$21,797.65 were undesignated and 1,056 totaling \$288,409.29 were designated.

2. Month of July, 1970

In July, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,991	\$ 82,595.35
Individuals other than alumni	108	31,667.60
Business concerns	20	80,883.26
Foundations	33	84,515.16
	<u>4,152</u>	<u>\$279,661.37</u>

Of these gifts, 2,884 totaling \$36,742.95 were undesignated and 1,268 totaling \$242,918.42 were designated.

\*

\*

\*

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Means Hall - Renovation of Electrical Systems

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 179,774.00	\$ 175,237.00	(\$4,537.00)*

\*Credits to Contracts

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

A. Means Hall - Renovation of Electrical Systems (continued)

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801200 Means Hall Emergency Power Facility.

B. Horticulture, Forestry and Food Technology Center

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,015,762.00	\$3,066,872.31	\$51,110.31

Funds for this project have been provided from Item 315-046 (Horticulture and Forestry), H. B. 949.

C. Pedestrian Bridge Over Olentangy River

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 172,139.00	\$ 172,331.50	\$ 192.50

Funds for this project have been provided from the River Union Construction Fund and the Parking Rotary.

D. Alteration of South Portion of Garage and Laundry

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 173,677.00	\$ 175,076.00	\$ 1,399.00

Funds for this project have been provided by a transfer from Budget Account 149999 (General Reserve) to Budget Account 801163 (Garage and Laundry Remodeling).

E. Jones Graduate Tower

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,475,434.00	\$3,452,472.36	(\$22,961.64)

Funds for this project have been provided from Budget Account 801037 (Dormitory Construction Fund).

Upon motion of Mr. Hilliker, seconded by Mr. Gibbs, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

September 10, 1970 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Lazenby Hall - Remodeling of Library and Faculty Research Laboratories

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (10 bids received 7-15-70) Ed Ross Construction Co. (Westerville, Ohio)	\$22,386.00	\$ 49,131.00
<u>Plumbing Contract</u> (5 bids received 7-15-70) Eastern Mechanical Corp. (Columbus)	11,450.00	12,989.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (6 bids received 7-15-70) Julian Speer Company (Columbus)	25,600.00	40,203.00
<u>Electrical Contract</u> (4 bids received 7-24-70) Sterling Electric Co. (Dublin)	<u>14,941.00</u>	<u>19,546.00</u>
<u>Total Contracts</u>	<u>\$74,377.00</u>	<u>\$121,869.00</u>

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801207 (Horticulture Building Remodeling).

B. Medical Center Parking Lot at Perry Street and 9th Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received 8-10-70) Farley Paving, Inc. (Columbus)	\$14,526.00	\$ 23,000.00

Funds for this project have been provided from the Parking Facilities Rotary.

Upon motion of Mr. Eckley, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\*

\*

\*

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lima Campus, Pipe Line Easement - Buckeye Pipe Line Company

The Buckeye Pipe Line Company has requested a pipe line easement on State of Ohio lands that have been designated for the use of The Ohio State University Lima Campus. The standard easement charge as calculated by the Ohio Department of Public Works is \$1,100.54.

It was recommended that the President and/or Vice President for Business and Finance be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide for the pipe line easement.

Upon motion of Mr. Gibbs, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

B. George F. Roth and Partners' Contracts with the University

The University has been notified that the architectural and engineering firm of George F. Roth and Partners is incorporating with no change in personnel, character or method of service or obligations.

Since the University has two active contracts for this firm's services, the "University Affiliated Facility for the Mentally Retarded" and the "Parking Ramp - Medical Area," President Fawcett recommended that the Board of Trustees grant permission to the Vice President for Business and Finance to transfer these contracts from George F. Roth and Partners to George F. Roth and Partners, Inc.

Upon motion of Mr. Eckley, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edgar Littlefield, Professor Emeritus in the College of The Arts - Division of Art; Elwood Parrott, Assistant Professor (County Extension Agent, Agriculture) Marion County in the Cooperative Extension Service; and Ruth Lloyd Wilkins, Professor Emeritus in the College of Administrative Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edgar Littlefield

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 20, 1970, of Edgar Littlefield, Professor Emeritus in the College of The Arts - Division of Art.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Edgar Littlefield (continued)

Professor Littlefield was born on July 27, 1905, in Nashville, Tennessee. He was graduated from New Lexington High School, New Lexington, Ohio, in 1924. In 1928, he received his Bachelor's Degree in Ceramic Engineering at The Ohio State University. In 1929, he became an Assistant Instructor in the Ceramic Art Area in the Department of Fine Arts where he attained the rank of Professor in 1945.

Professor Littlefield was a member of the American Ceramic Society, Columbus Art League and Sigma Pi fraternity. His work in ceramics was exhibited in national, state and local exhibitions, the San Francisco World's Fair and in a traveling exhibition of American ceramics shown in Norway, Finland, Denmark and Great Britain. From a number of national ceramic exhibitions sponsored by the Syracuse Museum of Art, his work was selected for national circulation. He was awarded prizes in National Ceramic Exhibitions and in a number of Columbus Art League shows held at the Columbus Gallery of Art.

Professor Littlefield, as a teacher of ceramics, contributed greatly to the reputation and the prestige that ceramic art at The Ohio State University enjoys nationally. Through his many students, his influence has affected the quality, growth and development of ceramic art and ceramic art education. He was competent in ceramic technology, taught glaze calculations, designed kilns and conducted glaze research and development. For a period, he served as Chairman of the Ceramic Art Area and served on various committees with distinction. His students, friends and associates will remember him for his quiet humor and selfless generosity in helping all who came to him with a problem and for his dedication to the pursuit of excellence in all things.

On behalf of the University at large, 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.

B. Ellwood Parrott

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 20, 1970, of Ellwood Parrott, Assistant Professor (County Extension Agent, Agriculture) Marion County, in the Cooperative Extension Service.

Mr. Parrott was born January 16, 1926, in Magnetic Springs, Ohio. He spent his early life on a farm near Magnetic Springs. After graduating from high school, he enrolled as a student in the College of Agriculture and Home Economics at The Ohio State University where he was awarded the Bachelor of Science in Agriculture degree in 1947 and the Master of Science degree in 1963.

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. Ellwood Parrott (continued)

From 1947 to 1950, Mr. Parrott was employed as vocational agricultural education teacher in the Gettysburg and McCutchensville school systems. In 1952, he was appointed as Instructor and Associate County Agent with the Cooperative Extension Service in Marion County and was designated County Extension Agent, Agriculture, in 1954. He received his appointment as Assistant Professor in 1967.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Parrott enjoyed the respect and admiration of the people in Marion and surrounding counties and of his fellow workers. His ability to organize and execute effective educational programs was widely recognized. He served on many important professional committees and task forces. In 1967, he was presented the Distinguished Service Award by the National Association of County Agricultural Agents.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Parrott its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

C. Ruth Lloyd Wilkins

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 29, 1970, of Ruth Lloyd Wilkins, Professor Emeritus in the College of Administrative Science.

Professor Wilkins was an Ohio native, born in 1905. She was graduated from Portsmouth High School in 1923. She attended The Ohio State University, receiving the Bachelor of Arts degree with a major in political science in 1927 and the Bachelor of Laws degree in 1929. For several years Professor Wilkins was active in the practice of law and served two terms as a representative in the Ohio State legislature. In 1945 she first joined the University faculty as a lecturer in business law.

During the years 1952 to 1957, Professor Wilkins served as general counsel to the Ohio Turnpike Commission. She returned to teaching in 1957 with professorial rank and served the students and this University in a devoted and inspiring manner.

In addition to her teaching and professional activities, Professor Wilkins made a great contribution to the general student-faculty relations on this campus. She served several years on the Council on Student Affairs and advised the Mortar Board honorary. In the year prior to her retirement, she devoted many hours to recodifying the University student rules and regulations. Those who knew her admired her dedication to her work, her great competency and her kindly manner.

September 10, 1970 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Ruth Lloyd Wilkins (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Professor Wilkins its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

\*

\*

\*

IX. REPORTS

A. Blue Cross Insurance Program for Faculty, Staff and All Regular Employees

The President on behalf of the Finance and Investment Committee presented the following resolution amending the Blue Cross insurance program for the faculty, staff and all regular employees of The Ohio State University:

BE IT RESOLVED by the Board of Trustees of The Ohio State University, that the Blue Cross insurance coverage for hospital confinement be increased from 70 days to 120 days, effective December 1, 1970. The additional monthly premium required for this improvement will be \$0.06 for single persons and \$0.15 for persons with insured dependents.

Upon motion of Mr. Shocknessy, seconded by Mr. Eckley, the above resolution was adopted by unanimous roll call vote.

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held June 19, 1970

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on June 19, 1970:

In accordance with the provisions of H. B. 531 of the 108th General Assembly, the following schedule of fees was approved for The Ohio State University, effective with the Autumn Quarter, 1970:

Instructional Fee	\$170
General Fee	No change
Tuition Surcharge	No change

IX. REPORTS (continued)

C. President Fawcett's Report on Policy for Handling Disruption

The President presented the following report:

I should like to report to you at this time on the general subject of disruption. This report will be divided into two parts:

One, The status of the cases of those students who were accused of disruption, and

Two, The policy, rules, regulations, procedures and legislation to be applied to any future disruption, disruption that we do not want and do not indeed expect, but for which we must be firmly prepared.

One, Status report on student discipline cases as of September 8, 1970:

Cases heard by University Hearing Officers 27

Disposition of cases:

Finding of guilty 18

Recommendations:

One quarter suspension 6

Two quarters suspension 5

Disciplinary dismissal, three or more quarters 7

Finding of not guilty 4

Cases pending decision 5

Cases scheduled to be heard by Hearing Officers 2

Non-arrest cases of disruption yet to be considered for referral 4

Cases (from the courts) ready to be scheduled before Hearing Officers 2

IX. REPORTS (continued)

C. President Fawcett's Report on Policy for Handling Disruption (continued)

Additional cases that can be considered  
for scheduling when criminal action is  
completed 32

Cases that were not determined suitable  
for scheduling for hearing before the  
University Hearing Officers 24

Cases - charges withdrawn after case  
scheduled 2

Two, I wish to make clear that in addition to existing policy, rules, regulations, and procedures pertaining to disruption, Amended Substitute House Bill No. 1219 enacting Sections 2923.61 and 3345.22 to 3345.26 inclusive, of the Revised Code becomes effective next week, September 16, 1970. While experience with this new law may prove it adequate to the task of controlling campus disorder and negate the need for other rules, it is our intent to retain all present and current policy, rules, and procedures, including the present Disruption Rules 51.03 and 51.05 with the extant Hearing Officer concept and procedures.

It has been my expectation that a modification of the general conduct rule could adequately supplement the new legislation so as to make the current rules on disruption unnecessary. However, after counsel with our legal representative and others, I must conclude that, at least for the present, this course of action is not feasible or advisable.

Therefore, pending a revision of our rules and the development of a code of conduct based upon our experience with the Hearing Officer system and the new legislation, it is my belief that the University must both retain and utilize all existing policy, rules, and procedures.

D. Report on the University's Investment Portfolio

The report dated September 9, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

September 10, 1970 meeting, Board of Trustees

IX. REPORTS (continued)

E. Report on University Hall by Mr. Paul M. Herbert

Mr. Paul M. Herbert presented a report on behalf of the Committee for Rehabilitation of University Hall in support of the rehabilitation of the existing structure. The complete copy of the report has been filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Wednesday, October 7, 1970, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a. m.

Attest:

---

Edward Q. Moulton  
Secretary

---

John G. Ketterer  
Chairman

APPENDIX II

Establishment of New Rules 11.12 and 29.2731 and Revision of  
Rules 11.11, 11.13, 29.25, 29.2701 and 29.2707

Approved by Faculty Council  
September 1, 1970

Adopted by Board of Trustees September 10, 1970  
(See page 87)

Page 142 Blank

## Rules for the University Faculty

The Faculty Council on September 1, 1970, approved certain changes in Rules for the University Faculty as enumerated below:

- (1) Creation of the Office of Ombudsman
- (2) Establishment of the Advisory Committee on Campus Grievances
- (3) Revision of existing Rules 11. 11, 11. 13 and 29. 25 to incorporate the University Ombudsman
- (4) Revision of Rules 29. 2701 and 29. 2707

### 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 the Advisory Committee on Campus Grievances (see Rule 29. 2731). 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 2. The functions of the Ombudsman shall be (a) to receive and attempt to resolve individual grievances of members of the University community, except in those cases which involve University employees of the Classified Civil Service who have access to other grievance procedures; 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. He will not have authority to take disciplinary action, reverse decisions, or circumvent existing University rules and procedures. He shall supplement, not replace, other means for redress of grievances.

Section 3. The Ombudsman shall make periodic reports to the University community at large.

### 29. 2731. Advisory Committee on Campus Grievances.

Section 1. The Advisory Committee on Campus Grievances shall be composed of ten members selected as follows:

- two faculty members, selected by the Faculty Council
- 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 Alumni Association
- two non-teaching staff, appointed by the President of the University

On first organization of the Committee, one member of each category shall be selected for a one-year term and the other for a two-year term. Thereafter, one member in each of these categories shall be selected annually for a two-year term. The Chairman of the Committee shall be designated by the President of the University from among the non-student members of the Committee.

Rules for the University Faculty (continued)

29. 2731. Advisory Committee on Campus Grievances. (continued)

Section 2. The Committee shall have the following responsibilities:

- a. to meet on request of the President of the University, for the purpose of selecting a panel from which an Ombudsman may be appointed, making a recommendation for reappointment, or reviewing a term of office.
- b. to meet on request of the Ombudsman (see Rule 11. 12) to serve him as an advisory group.

11. 11. President's Cabinet.

Section 3. Appropriate records shall be kept by all Cabinet members and shall be available to the President and to the University Ombudsman at their request.

11. 13. Principal Administrative Officials.

Section 3. Appropriate records shall be kept by all of these administrative officials and shall be available to the President, to the University Ombudsman, or the appropriate Cabinet member upon request.

29. 25. The Records of the University Faculty and the Faculty Council.

The records of the University Faculty and the Faculty Council shall be kept by the Secretary for the exclusive use of the President, the members of the University Faculty, the University Ombudsman, and the Board of Trustees. No other person shall have access to them. They shall not be made public except by order of the University Faculty or the Faculty Council but appropriate announcements of Faculty Council action may be made by the Secretary pursuant to Rule 29. 15 or upon written authorization of the President.

29. 2701. Council on Academic Affairs.

Section 1. The Council on Academic Affairs shall consist of twelve members.

Nine shall be members of the University Faculty appointed by the President for three year terms, three members to be appointed each year. The Vice President for Academic Affairs and Provost shall be the Chairman of the Council. The Vice Chairman of the Council shall be elected for a one year term from the faculty membership of the Council. The Chairman (or, in his absence, the Vice Chairman) shall preside at all meetings of the Council. The Chairman shall vote only in case of a tie vote among members of the Council present and voting; whereas the Vice Chairman shall vote without such restriction even though presiding.

A faculty member of the Council who has completed a three-year term shall be ineligible for re-appointment during one year thereafter.

Rules for the University Faculty (continued)

29.270<sup>1</sup>. Council on Academic Affairs. (continued)

Three members of the Council shall be students, one undergraduate student, one graduate student, and one graduate professional student, each of whom shall be appointed for a one-year term and be eligible for an additional one-year term. A student member of the Council who has completed two years of service shall be ineligible for reappointment.

The undergraduate student shall have at least junior standing and shall be appointed by the President of the Undergraduate Student Body with the advice and consent of the Student Assembly. The graduate student member shall be appointed by the President of the Council of Graduate Students with the advice and consent of that Council. The graduate professional student member shall be appointed by the presidents of the student councils of the Colleges of Dentistry, Law, Medicine, Optometry and Veterinary Medicine.

(Remainder of Rule unchanged)

29.2707. Research Council.

Section 1. Membership. The Research Council shall consist of twenty-one members chosen as follows:

a. Appointed Members.

1. Faculty Members. Sixteen members of the Graduate Faculty, two from each of the eight graduate areas (as defined in Rule 27.0701), but not more than one from any department or school, shall be appointed by the President in consultation with the Vice President for Academic Affairs and Provost and the Vice Provost and Dean of the Graduate School. None of the appointees shall be executive officers of any college. Appointees shall have significant research experience, duties, and interests. These members shall be appointed to a three-year term, the appointments to be staggered 6-5-5 cyclically. No appointed member shall be eligible for reappointment during one year thereafter.
2. Student Members. Three members of the Council shall be students, one undergraduate student, one graduate student, and one graduate professional student, each of whom shall be appointed for a one-year term and be eligible for an additional one-year term. A student member who has completed two years of service on the Research Council shall be ineligible for reappointment as a student member. The undergraduate student shall have at least junior standing and shall be appointed by the President of the Undergraduate Student Body with the advice and consent of the Student Assembly. The graduate student member shall be appointed by the President of the Graduate Council with the advice and consent of that Council. The graduate professional student member shall be appointed by the presidents of the student councils of the Colleges of Dentistry, Law, Medicine, Optometry, and Veterinary Medicine. The graduate and graduate professional student members should have research experience, activities and interests, while the undergraduate student shall have research interests if not actual research experience.

Rules for the University Faculty (continued)

29.2707. Research Council. (continued)

- b. Ex officio Members. Two ex-officio members, or delegates of their choice, shall serve as voting members: the Vice President for Academic Affairs and Provost and the Vice Provost and Dean of the Graduate School.

Section 2. Associates. Because of their relevant responsibilities and expertise, the following or their delegates are expected to meet frequently with the Research Council:

The Executive Director of The Ohio State University Development Fund;  
The Director, Mershon Center for Education in National Security;  
The Executive Director of the Research Foundation;  
The Director of the Ohio Agricultural Research and Development Center;  
The Director of the Engineering Experiment Station;  
The Director of Libraries.  
(The list is intended to be suggestive rather than exhaustive.)

Section 3. Organization:

- a. The Research Council will normally meet once each month during the academic year, and in summer as need may appear. The Steering Committee (Part c) may elect to schedule additional meetings or to cancel a scheduled meeting.
- b. Meetings of the Research Council shall be chaired by the Vice President for Academic Affairs and Provost. The Research Council shall annually elect a Vice Chairman from the appointed membership, to serve for a term of one calendar year, ineligible to succeed himself. The Vice Chairman shall preside at Research Council meetings in the absence of the Vice President for Academic Affairs and Provost, shall chair the Steering Committee, and shall serve as half-time Associate in the Office of Academic Affairs.
- c. The Research Council shall annually (at the last Spring Quarter meeting) elect three of its appointed members to serve on a Steering Committee; the Vice Chairman of the Research Council shall serve as the fourth member and Chairman. The Steering Committee, in consultation with the Vice President for Academic Affairs and Provost, is charged with preparation of agenda and in general with responsibility for ensuring that the Council's work is effectively carried on. The Steering Committee may from time to time represent the Council at its direction, and subject to its final approval.
- d. Each college shall have a committee, the duties of which shall include responsibility for stimulating scholarly activity and assisting the faculty in obtaining support and facilities necessary for research. The membership, method of appointment, and specific responsibilities of these committees shall be determined by the corresponding college faculties, except that each college committee shall include one member of the Research Council.

Rules for the University Faculty (continued)

29.2707. Research Council. (continued)

- e. The Research Council shall be provided with such secretarial and other staff assistance as may be required for efficient and effective conduct of business.
- f. Membership on the Research Council shall be recognized as direct service to the University; the member's normal departmental duties shall be appropriately reduced, and the department shall be provided with funds with which to replace the services so released.

Section 4. Functions. The Research Council is charged with encouraging and stimulating research and scholarly activity, and assisting in obtaining support. It shall provide a communication channel between faculty and those responsible for obtaining and administering funds. The Research Council shall be consulted on all major research fund allocations, and on all matters of University planning that affect research; in turn it is charged with responsibility for ensuring that the research needs of the University are adequately represented in the formulation of the University's plans, policies, and budgets. The Council is expected to work in close consultation with the Vice President for Academic Affairs and Provost. In matters of joint interest, the Research Council is expected to work in cooperation with the Council on Academic Affairs. Specifically, the Council shall have the following duties and responsibilities:

- a. To become familiar with the research activities carried on by the University faculty and staff, and with available and potential sources of research support.
- b. To foster existing research and to stimulate the development of new programs.
- c. To study and where appropriate in consultation with experts or committees having knowledge or responsibilities in specific areas, or with the Graduate Council or the Council on Academic Affairs, recommend to the Faculty Council policies with respect to research activities, facilities, personnel, University organization, and plans for future development.
- d. To provide advice and information concerning research activities and available resources, and to be available to any faculty member or group to assist in planning and obtaining support for research.
- e. Under authority delegated by the Faculty Council, to be responsible for making recommendations concerning the establishment, affiliation, and abolition of research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies (see Rule 13.09).

Page 148 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND FIFTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Wooster, Ohio, October 7, 1970

The Board of Trustees met at its regular monthly meeting on Wednesday, October 7, 1970, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Don M. Hilliker, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and M. Merle Harrod.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

October 7, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Motor Vehicle, Traffic, Parking and Watercraft Regulations Affecting the Columbus and Branch Campuses

The Board of Trustees at its meeting on July 9, 1970, amended the "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" to provide for certain changes in the regulations, effective September 1, 1970.

President Fawcett recommended that said regulations be amended further to provide for the (1) registration of a second motor vehicle and the payment of a \$10.00 fee therefor, and (2) assessment of a \$1.00 per day parking fee for visitors to park within the traffic control area of the campus.

The Secretary of the Board of Trustees of The Ohio State University is hereby authorized and directed to file this amendment to "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" with the Secretary of State of Ohio, and to make these regulations binding and in force according to law.

Upon motion of Mr. Gibbs, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote.

B. Ratification of Personnel Appointments to Implement the Reorganization of the University as Approved by the Board of Trustees on September 10, 1970

President Fawcett recommended that the following personnel changes which have been announced to implement the reorganization of the Central Administrative Structure of the University, as approved by the Board of Trustees on September 10, 1970, be ratified:

Executive Vice President for Administrative Operations and Secretary of the Board of Trustees	Edward Q. Moulton	\$34,128.00*
Provost and Vice President for Academic Affairs	James A. Robinson	35,328.00*
Vice President for Student Affairs	Ted R. Robinson	25,488.00
Vice President for Medical Affairs	Richard L. Meiling	39,636.00*
Vice President for Regional Campuses and Dean of the University College	John T. Mount	31,212.00*

---

\*Salary unchanged.

October 7, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Ratification of Personnel Appointments to Implement the Reorganization of the University as Approved by the Board of Trustees on September 10, 1970 (continued)

Vice Provost for Coordination of Minority Affairs	William J. Holloway	\$26,448.00
Executive Assistant to the President <sup>1</sup>	Kenneth E. Krouse	23,328.00*
Acting Dean of the College of Medicine	John A. Prior	36,612.00*
Assistant Vice President for Administrative Operations	Richard H. Zimmerman	28,572.00*
Acting Director of Admissions	Edward E. Rhine	17,448.00

---

<sup>1</sup>Secretary of President's Cabinet and Administrative Council.

\*Salary unchanged.

With the recent administrative reorganization of the University, membership in the President's Cabinet is limited to the eight Vice Presidents of the University and the Executive Assistant to the President. While the Executive Dean for Student Statistical Services, Dr. Ronald B. Thompson, is no longer included within the membership of the Cabinet, he is to receive upon his retirement the full benefits which accrue to principal administrative officials.

Concurrent with these appointments within the recently reorganized administrative structure in which the University Discipline Officer is administratively assigned to the Executive Vice President for Administrative Operations, student discipline matters formerly assigned to the Vice President for Student Affairs under University Rules are hereby reassigned to the Executive Vice President for Administrative Operations and that the Secretary be authorized to make the appropriate Rule changes to implement this realignment of authority. Further, Mr. John T. Mount be authorized and directed to continue to assume responsibility for the presently pending disciplinary matters.

Upon motion of Mr. Dunlap, seconded by Mr. Gibbs, the Board of Trustees approved the above recommendation by unanimous roll call vote.

C. Revision in University Alcoholic Beverage Policy

President Fawcett made the following statement and recommendation:

From time to time during the past several years I have brought recommendations to the Board relating to the controlled availability of alcoholic beverages on this campus. In each case these recommendations, which were very explicit with reference to time, place and manner, were acted upon favorably by the Board and subsequently implemented by this University.

October 7, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision in University Alcoholic Beverage Policy (continued)

President Fawcett's Statement (continued)

During the past year a number of additional requests have been forwarded through the appropriate University channels proposing various modifications and extensions of these previous actions. While in most cases I am unwilling to support these requests there have been some which I believe to be reasonable and would support. However, rather than continuing to bring detailed modifications in the existing policy on this subject, I am requesting your favorable action on the following recommendation:

That the general authority for decisions establishing the appropriate time, place and manner for serving all legal beverages be granted to the President of the University and/or his designee as long as such decisions are fully consistent with local, state and federal laws.

Upon motion of Mr. Eckley, seconded by Mr. Gibbs, the Board of Trustees approved the foregoing recommendation with five affirmative votes cast by Messrs. Ketterer, Dunlap, Gibbs, Eckley and Harrod and one negative vote cast by Mr. Hilliker.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 10, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotion, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Promotion

J. Edward Weaver promoted from Associate Director of Athletics to Director of Athletics, effective October 7, 1970, at a salary of \$25, 128. 00 per annum.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

October 7, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence With Salary (continued)

Edison L. Klingler, Instructor (County Extension Agent, Agriculture) Hardin County, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Calvin D. Knight, Instructor (County Extension Agent, Agriculture) Ashland County, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Leon A. Moon, Instructor (County Extension Agent, 4-H) Morgan County, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Geraldine Olson, Instructor (Extension Specialist, Family Development), effective October 1, 1970 through December 31, 1970, to participate in a program of professional improvement at The Ohio State University.

Judy Ann Tamulitis, Instructor (County Extension Agent, Home Economics), effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Alice Mae Tommas, Instructor (County Extension Agent, Home Economics) Shelby County, effective October 1, 1970 through December 31, 1970, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Warren W. Eason, Professor, Department of Economics, effective October 1, 1970 through March 31, 1971, to work under a research grant from the National Institutes of Health.

Charles John Fillmore, Professor, Department of Linguistics, effective October 1, 1970 through June 30, 1971, to perform research at the Center for Advanced Study in the Behavioral Sciences at Stanford University, Stanford, California.

Ulrich Krengel, Professor, Department of Mathematics, effective April 1, 1971 through June 30, 1971, to lecture at the University of Gottingen, Germany.

Burnham W. King, Jr., Associate Professor, Department of Ceramic Engineering, effective October 1, 1970 through September 30, 1971, to concentrate on preparation of manuscript for a textbook.

October 7, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Elizabeth Kresky, Associate Professor, Department of Slavic Languages and Literatures, effective October 1, 1970 through September 30, 1971, to undertake independent research and study.

Kenneth E. Naylor, Associate Professor, Department of Slavic Languages and Literatures, effective April 1, 1971 through June 30, 1971, to study in Yugoslavia under a Fulbright-Hays Postdoctoral Fellowship Program.

Alma L. Wittmeyer, Associate Professor, School of Nursing, effective October 1, 1970 through September 30, 1971, to take a position of Visiting Professor at Wisconsin State University, Oshkosh, Wisconsin.

Jill C. D. S. Yaqub, Associate Professor, Department of Mathematics, effective October 1, 1970 through December 31, 1970, to accept a Humboldt Foundation research grant at the University of Tubingen, Germany.

James R. Hooper, Assistant Professor, Department of Civil Engineering, effective October 1, 1970 through December 31, 1970, to accept a temporary position at Purdue University and complete research for his doctorate.

C. James Schmidt, Assistant Professor, University Libraries, effective October 10, 1970 through April 11, 1971, to work on his doctorate at Florida State University.

Geraldine Olson, Instructor (Extension Specialist, Family Development), Cooperative Extension Service, effective January 1, 1971 through June 30, 1971, to participate in a program of professional improvement at The Ohio State University.

Judy Ann Tamulitis, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective December 16, 1970 through March 15, 1971, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Title

Fanchon F. Warfield, School of Home Economics, with the title Professor Emeritus, effective September 1, 1970.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Promotion, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
August 19, 1970 - September 18, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	9	\$ 383,701.00
Industrial and Other Research	6	31,755.00
<u>Grants</u>		
Government Research - Federal	31	1,125,215.00
Industrial and Other Research	<u>8</u>	<u>43,245.00</u>
Totals	54	\$1,583,916.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Research Contracts Branch, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #5 - Department of Surgery).  
Gross Value - \$10,000.00.
- b. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Communication Analysis Support (to be known as Project No. 2734 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$39,988.00.
- c. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Parametric Devices (to be known as Project No. 2757 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$60,000.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. U. S. Army Mobility Equipment Research and Development Center, Research and Development Procurement Office, Fort Belvoir, Virginia, Near Field Antenna Components for Mine Detectors (to be known as Project No. 2857 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$42,863.00.
- e. Department of Air Force, Electronics Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of Partially Polarized Radio Waves from the Sun and Discrete Radio Sources (to be known as Project No. 2915 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- f. Office of Naval Research, Procuring Contracting Officer, Department of Navy, Washington, D. C., Voice Communication (to be known as Project No. 2928 - Amend. AA - Department of Speech).  
Gross Value - \$20,781.00.
- g. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$100,000.00.
- h. United States Agency for International Development Mission to Venezuela, Caracas, Venezuela, APO New York, Venezuelan Human Resources Planning Project (to be known as Project No. 3096-A1 - New - Department of Economics, Center for Human Resource Research).  
Gross Value - \$30,169.00.
- i. Department of Navy, Office of Naval Research, Arlington, Virginia, Adaptive Antenna Arrays for Aircraft Communications Systems (to be known as Project No. 3098-A1 - New - Department of Electrical Engineering).  
Gross Value - \$49,900.00.

TOTAL - Government Research Contracts - Federal \$383,701.00

2. Industrial and Other Research Contracts

- a. National Academy of Sciences, National Academy of Engineering, Washington, D. C., Effective Interplay of Engineering with Biology and Medicine (to be known as Project No. 2775 - Amend. #3 - Department of Electrical Engineering).  
Gross Value - \$5,465.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- b. Pittsburgh Public Schools, Division of Occupational, Vocational and Technical Education, Pittsburgh, Pennsylvania, IACP Demonstration Program with the Pittsburgh Public Schools (to be known as Project No. 2935 - New - College of Education).  
Gross Value - \$2,200.00.
- c. Hynite Corporation, Carrollville Station, Oak Creek, Wisconsin, Histopathological Evaluation of Tissues from Broilers Fed Hydrolyzed Leather Meal (to be known as Project No. 2960 - Sponsor Ltr. 8/24/70 - Department of Poultry Science).  
Gross Value - \$3,840.00.
- d. Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, Principal Investigator Activities for the Nimbus-F Near Infrared Multidetector Grating Spectrometer Experiment (to be known as Project No. 3035-A1 - Mod. #1 - Department of Physics).  
Gross Value - \$3,000.00.
- e. The School District of the City of Pontiac, Michigan, East Pontiac, Michigan, IACP Demonstration Program with the School District of the City of Pontiac, Michigan (to be known as Project No. 3091-A1 - New - College of Education).  
Gross Value - \$14,500.00.
- f. Shawnee Mission Public Schools, Shawnee Mission, Kansas, IACP Demonstration Program with the Shawnee Mission Public Schools (to be known as Project No. 3093-A1 - New - College of Education).  
Gross Value - \$2,750.00.

TOTAL - Industrial and Other Research Contracts \$31,755.00

3. Government Research Grants - Federal

- a. 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 (to be known as Project No. 865-L - Ext. #12 - College of Pharmacy).  
Gross Value - \$25,418.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Phytochemistry of Genus Thalicttrum (to be known as Project No. 1497-G - Ext. #7 - College of Pharmacy).  
Gross Value - \$27,761.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions and Homogeneous Catalysis (to be known as Project No. 1501-H - Ext. #8 - Department of Chemistry).  
Gross Value - \$64,467.00.
- d. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as Project No. 1779-F - Ext. #6 - Department of Psychology).  
Gross Value - \$45,432.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Polyfunctional Catalysis of Hydrogen Exchange (to be known as Project No. 2078-E - Ext. #5 - Department of Chemistry).  
Gross Value - \$30,333.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as Project No. 2085-E - Ext. #5 - Department of Pharmacology).  
Gross Value - \$28,807.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as Project No. 2090-E - Ext. #5 - Department of Physiological Chemistry).  
Gross Value - \$27,153.00.
- h. National Science Foundation, Washington, D. C., Monographic Study of the Gyponinae of the World (to be known as Project No. 2334 - NSF Ltr. 8/12/70 - College of Biological Sciences, Entomology and Zoology).  
Gross Value - \$6,800.00.
- i. National Science Foundation, Washington, D. C., Geochronology of the Transantarctic Mountains (to be known as Project No. 2411 - NSF Ltr. 8/18/70 - Institute of Polar Studies).  
Gross Value - \$15,400.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- j. Department of Health, Education and Welfare, Public Health Service, Special Research Resources Branch, Division of Research Facilities and Resources, Bethesda, Maryland, An NMR Facility for Biomedical Research (to be known as Project No. 2439-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$12,833.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyrarnidal System (to be known as Project No. 2512-C - Ext. #3 - Department of Anatomy).  
Gross Value - \$21,490.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as Project No. 2518-C - Ext. #3 - Department of Physiology).  
Gross Value - \$10,982.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as Project No. 2525-C - Ext. #3 - Department of Pathology).  
Gross Value - \$58,487.00.
- n. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crises (to be known as Project No. 2673-B - Ext. #2 - Department of Sociology).  
Gross Value - \$94,077.00.
- o. 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 (to be known as Project No. 2720-B - Ext. #3 - Department of Physiological Chemistry).  
Gross Value - \$23,607.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Metabolism of the Stereoisomers of Ephedrine (to be known as Project No. 2727-B - Ext. #2 - College of Pharmacy).  
Gross Value - \$23,212.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa-Normal and Experimental (to be known as Project No. 2949-A - Ext. #1 - Department of Otolaryngology).  
Gross Value - \$21,164.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, The Role of the Red Nucleus in Motor Function (to be known as Project No. 2956-A - Ext. #1 - Department of Anatomy).  
Gross Value - \$12,397.00.
- s. 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 (to be known as Project No. 2962-A - Ext. #1 - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$33,154.00.
- t. National Science Foundation, Washington, D. C., Synthesis of Phosphorylated Polysaccharides (to be known as Project No. 3092-A1 - New - Department of Chemistry).  
Gross Value - \$20,000.00.
- u. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - New - Department of Electrical Engineering).  
Gross Value - \$223,100.00.
- v. National Science Foundation, Washington, D. C., Monograph of the Saprolegniaceae (to be known as Project No. 3097-A1 - New - College of Biological Sciences, Botany).  
Gross Value - \$6,800.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- w. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A1 - New - College of Pharmacy).  
Gross Value - \$21,041.00.
- x. National Science Foundation, Washington, D. C., Stochastic Point Processes Stationary Under Various Groups (to be known as Project No. 3100-A1 - New - Department of Mathematics).  
Gross Value - \$14,000.00.
- y. National Science Foundation, Washington, D. C., Catalysis by Labile Metals Ions in Mixed Ligand Systems (to be known as Project No. 3101-A1 - New - Department of Chemistry).  
Gross Value - \$39,300.00.
- z. National Science Foundation, Washington, D. C., Geology of the Green Maud Mountains, Antarctica (to be known as Project No. 3103-A1 - New - Institute of Polar Studies).  
Gross Value - \$93,700.00.
- aa. National Science Foundation, Washington, D. C., Effect of Ions on the Morphology and Function of the Adrenal Cortex (to be known as Project No. 3104-A1 - New - Department of Medicine).  
Gross Value - \$29,800.00.
- bb. National Science Foundation, Washington, D. C., Visual Study of the Laminar-Turbulent Transition (to be known as Project No. 3105-A1 - New - Department of Chemical Engineering).  
Gross Value - \$50,100.00.
- cc. National Science Foundation, Washington, D. C., Ergodic Theory and Probability Theory (to be known as Project No. 3107-A1 - New - Department of Mathematics).  
Gross Value - \$9,700.00.
- dd. National Science Foundation, Washington, D. C., Effects of Recent Volcanic Eruptions on Glaciers of Deception Island, Antarctica (to be known as Project No. 3127-A1 - New - Institute of Polar Studies).  
Gross Value - \$4,000.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- ee. National Science Foundation, Washington, D. C., Systematics and Phytogeography of Vascular Plants of the South Polar Regions (to be known as Project No. 3128-A1 - New - Institute of Polar Studies).  
Gross Value - \$30,700.00.

TOTAL - Government Research Grants - Federal \$1,125,215.00

4. Industrial and Other Research Grants

- a. Board of Education, Newark, New Jersey, Industrial Arts Curriculum Project - Construction Industry Grants (to be known as Project No. 2952 - Sup. #7 - College of Education).  
Gross Value - \$4,000.00.
- b. American Cancer Society, Inc., New York, New York, Cancer Research (to be known as Project No. 3007-A1 - Sponsor Ltr. 8/5/70 - Department of Surgery).  
Gross Value - \$11,667.00.
- c. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Rudolph Edse (to be known as Project No. 3017-A1 - Sponsor Order 8/25/70 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,000.00.
- d. The Fred C. Gloeckner Foundation, Inc., New York, New York, Influence of Light on Spore Germination and Germ Tube Growth of Botrytis Cinerea Fr. and the Relation to Pathogenicity on Chrysanthemums (to be known as Project No. 3089-A1 - New - College of Biological Sciences, Plant Pathology).  
Gross Value - \$2,840.00.
- e. James Picker Foundation, c/o National Research Council, National Academy of Sciences, Washington, D. C., Investigation of Internal Echographic Patterns of Abdominal Neoplasms (to be known as Project No. 3095-A1 - New - Department of Radiology).  
Gross Value - \$2,937.00.
- f. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Dietary Sucrose and Lipid Metabolism (to be known as Project No. 3102-A1 - New - Institute of Nutrition).  
Gross Value - \$6,762.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

g. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Factors Modifying Glycoside Action on Isolated Perfused Hearts of Guinea Pigs (to be known as Project No. 3106-A1 - New - Department of Pharmacology).  
Gross Value - \$7,455.00.

h. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Studies on the Biochemical Mechanism of Action of Indirect Acting Anticoagulants (to be known as Project No. 3108-A1 - New - Department of Pharmacology).  
Gross Value - \$6,584.00.

TOTAL - Industrial and Other Research Grants \$43,245.00

Upon motion of Mr. Dunlap, seconded by Mr. Gibbs, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

	No. of Projects	Gross Value
Government Research Contracts	3	\$136,081.00
Industrial Research Contract	<u>1</u>	<u>33,471.00</u>
Totals	4	\$169,552.00

During the period from August 11, 1970 through September 18, 1970, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 278X Investigation of Traffic Dynamics by Aerial Photogrammetry  
Ext. #5 Techniques, Ohio Department of Highways, Columbus, Ohio.  
Gross Value - \$78,000.00.

EES 315X Development of Methodology for Evaluating Road Signs,  
Ext. #1 Ohio Department of Highways, Columbus, Ohio.  
Gross Value - \$46,081.00.

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contracts (continued)

EES 376X Preparation of the Ohio Water Management Information  
System Development Plans, Ohio Department of Natural  
Resources, Columbus, Ohio.  
Gross Value - \$12,000.00.

TOTAL - Government Research Contracts \$136,081.00

2. Industrial Research Contract

EES 377X Development of Xeroradiography for Industrial Appli-  
cations, Xerox Corporation, Stamford, Connecticut.  
Gross Value - \$33,471.00.

C. Agreements Between The Ohio State University and  
Various Departments of the State Government of Ohio

President Fawcett recommended that contracts between The Ohio State University and various governmental departments of the State of Ohio to provide for educational training programs as mutually agreed upon from time to time may be entered into and that the President of the University and/or the Secretary of the Board of Trustees is hereby authorized to sign the agreements on behalf of the University on a year-to-year basis.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote.

D. An Agreement with Battelle Memorial Institute for the Establishment  
of "The Academy for Contemporary Problems"

During the past year officials of this University and of Battelle Memorial Institute held a number of discussions examining the feasibility of creating an Academy for the solution of contemporary problems. Based upon these discussions, the following statement of agreement has been developed and is being presented to the Board of Trustees of Battelle Memorial Institute and to this Board for approval.

WHEREAS, an Academy for advanced and creative scholarship, education and social problem solving will enlarge and enhance our capabilities for furthering two basic purposes of The Ohio State University, i. e., the advancement and utilization of science for the benefit of man, and the encouragement of education of man.

WHEREAS, such an academy operated in conjunction with Battelle Memorial Institute would strengthen the intellectual and scholastic ties between the two organizations to the benefit of both, in addition to contributing to the quality of living in the Ohio community, surrounding regions and the nation as a whole,

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

D. An Agreement with Battelle Memorial Institute for the Establishment of "The Academy for Contemporary Problems" (continued)

THEREFORE, be it

RESOLVED, that the President of The Ohio State University is authorized to enter into an agreement with Battelle Memorial Institute for the joint sponsorship of programs through an Academy under the following conditions:

1. The name shall be "The Academy for Contemporary Problems."
2. The purpose of the Academy shall be to encourage a combination of advanced study and education for problem definition and solving on topics relevant to contemporary challenges of man; to promote provocative and mutually beneficial communication of ideas and information between members of the Academy and the community regarding important public problems; to serve mankind through application of knowledge, and provide advanced training and public service.
3. The Academy shall be located adjacent to both BMI and OSU in Columbus, Ohio, and its principal business there transacted.
4. The facility is to be designed and constructed by Battelle at its expense on land owned by Battelle and made available for the use of the Academy without charge. The facility and land shall at all times remain the property of Battelle. The estimated cost of the facility, not including the land, is \$2.0 million and it is planned for occupancy by 1972. The facility is expected to include offices, seminar rooms, library, lounge area, research area, and house-keeping apartments. BMI and OSU will jointly develop the design criteria for the Academy facility.
5. In cooperation with Battelle Memorial Institute, OSU will operate programs through the Academy. All expenses are to be borne equally by BMI and OSU either in funds or the equivalent in manpower or services. BMI is to supply facility maintenance, repair services, furniture, and furnishings which shall be considered part of its contribution to the costs of such programs. No rent will be charged the Academy, and BMI's contribution of the use of the facility shall not

October 7, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

D. An Agreement with Battelle Memorial Institute for the Establishment of "The Academy for Contemporary Problems" (continued)

be considered part of BMI's contribution to the operation of the Academy. It is estimated that the programs of the Academy when fully operational would require \$1.0 million annually. Both parties anticipate support of the Academy for a minimum of ten years, unless and until either or both parties should determine that significant contributions to the original purposes cannot be achieved, in which case suitable advance notice will be required in order to withdraw support of the Academy.

6. The Academy shall not be a separate legal entity but shall be jointly sponsored by BMI and OSU for the furtherance of the purposes of both parties.
7. Persons participating in the programs of the Academy shall be under contract to either BMI or OSU. It is anticipated that both OSU and BMI will provide residents on active assignment to the Academy, who will continue in the employ of the party appointing them. Such residents shall be considered contribution in kind to the operation of the Academy. In addition, it is contemplated that persons not affiliated with either institution will be brought to the Academy for varying time periods under special contracts with either BMI or OSU for participation in programs in the Academy.
8. The parties shall designate a board of overseers consisting of seven persons, three appointed by BMI, three appointed by OSU, and those six to appoint a seventh member who shall also be the chief executive officer of the Academy. The chief executive officer and his staff shall be available full-time at the Academy. It will be the primary responsibility of the board to insure the implementation of the joint programs and to offer continuous counsel to the chief executive officer. Members of the board will not only represent the interests of the two institutions, but will be chosen for their capacity to contribute creatively to the Academy's operation.

It was recommended that the President be authorized to sign the said agreement.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous roll call vote.

\*

\*

\*

October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since September 10, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance	\$930,227.00
Received Through The Ohio State University Development Fund	165,560.70

A. Administered Through the Office of Business and Finance

1. \$809,686.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 G03 RM 00022-02A1)
2. \$75,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Washington, D. C., to the University for "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1970 through July 31, 1971. (SRS Grant No. RD-2292-GA-71-C4)
3. \$26,283.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design, Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1970 through July 31, 1971. (Grant No. 5 D10 NU 00319-03)
4. \$9,500.00 additional grant by U. S. Department of Labor, Washington, D. C., to the University for "The Development of an Interdisciplinary Program of Instruction and Research in Human Resource Policy," under the direction of the Department of Economics, for the period August 1, 1970 through July 31, 1971. (Grant No. 31-37-70-05, Modification No. 1)
5. \$5,758.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Special Purpose Traineeship Grant - Public Health Traineeship Program," under the direction of the School of Allied Medical Professions, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 A04 AH 00022-02)

October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

6. \$4,000.00 granted by U. S. Army Research Office-Durham, Durham, North Carolina, to the University for "The 9th Informal Conference on Photo Chemistry," under the direction of the Department of Chemistry, for the period August 1, 1970 through July 31, 1971. (Grant No. DA-ARO-D-31-124-71-G2)

TOTAL - Administered Through the Office of Business and Finance  
\$930,227.00

B. Received Through The Ohio State University Development Fund

1. \$42,778.70 from Mirror Lake, Inc., Lima, Ohio, for The City Loan and Savings Company - The Metropolitan Bank of Lima, Ohio, Scholarship Fund.
2. \$13,500.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.
3. \$12,000.00 from Sears-Roebuck Foundation for the Center for Vocational and Technical Education.
4. \$10,000.00 from the C. R. Porthouse Charitable Trust, (In the names of Cyril R. Porthouse, J. David Porthouse, Jacqueline S. Porthouse, Roberta A. Porthouse and Roberta Diehl Porthouse), for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
5. \$9,482.00 from the Newark O. S. U. Development Fund for the Newark Campus Scholarship Fund.
6. \$9,000.00 from the Estate of Hazel L. Stephenson, (Through Edward C. and Hazel L. Stephenson Foundation), for unrestricted scholarships.
7. \$8,500.00 from Ohio Tuberculosis and Health Association, Columbus, Ohio, for the Department of Medicine Fellowship Fund.
8. \$8,400.00 from The International Nickel Company of Canada, Limited, New York, New York, for The International Nickel Company Fellowship Fund.
9. \$7,500.00 from B. F. Goodrich Chemical Company, Avon Lake, Ohio, for the Polymer Engineering Research in Chemical Engineering Program.
10. \$7,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.
11. \$5,000.00 from Anderson Concrete Corporation, Columbus, Ohio, for the Center for Tomorrow Fund.

October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

12. \$5,000.00 from the Merck Company Foundation, Rahway, New Jersey, for the Merck Fund in the College of Pharmacy.
13. \$4,000.00 from the Ohio Society of Certified Public Accountants Foundation for the Ohio Society of Certified Public Accountants Foundation Scholarship Fund.
14. \$4,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
15. \$3,000.00 from Educational Endowment Fund of Kappa Kappa Gamma for The Ohio State University Scholarship Fund.
16. \$3,000.00 from the Glen Alden Foundation, (In the name of Mrs. Judith Stern Riklis), for the Mr. and Mrs. M. Riklis Fund for Study and Research in Business Administration.
17. \$3,000.00 from the McCrory Foundation, Inc., (In the name of Mr. M. Riklis), for the Mr. and Mrs. M. Riklis Fund for Study and Research in Business Administration.
18. \$2,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
19. \$1,200.00 from Mr. Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.
20. \$1,100.00 from members of the College of Law Class of 1967 for the establishment of College of Law Senior Class Fund.

College of Law Senior Class Fund

The College of Law Senior Class Fund was established October 7, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the members of the College of Law Class of 1967.

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

The income is to be used as follows:

Seventy-five per cent (75%) thereof is to be made available to the College of Law for scholarships, student loans and other financial aid to law students on the basis of need.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

20. College of Law Senior Class Fund (continued)

Twenty-five per cent (25%) thereof is to be retained and reinvested to assist in providing a named professorship for the College of Law.

If, by 1973, no other senior class or other organization has contributed funds greater than \$500.00 each into the College of Law Senior Class Fund, then the principal and accumulated income may be used at the discretion of the Dean of the College of Law for any purpose benefiting the College of Law, in his discretion, first preference to be given to scholarships or student loans on the basis of need.

21. \$1, 100.00 from members of the College of Law Class of 1968 for the establishment of the College of Law Class of 1968 Scholarship Fund.

College of Law Class of 1968 Scholarship Fund

The College of Law Class of 1968 Scholarship Fund was established October 7, 1970, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from members of the College of Law graduating Class of 1968.

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

The annual income from this fund is to be added to the principal until July 1, 1978. From July 1, 1978 and forward the annual income is to be used to provide one or more scholarships equal to the tuition and a reasonable allowance for books, to students enrolled in the College of Law meeting the academic standards of the College and having a need for financial assistance, as outlined in a memorandum presented to the Dean of the College of Law by the President of the Class and the Chairman of the Class Gift Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Law cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

22. \$1,000.00 from E. B. Brown Optical Westgate Co., (In the name of Maurice Stonehill), for the Ophthalmologic Center Fund.

October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

23. \$1,000.00 from the Columbus Foundation, (In the name of Mrs. Catherine C. Hislop), for The William Greenville Pace III Fund.
24. \$1,000.00 from Mr. Abba G. Lichtenstein for the Charles Lichtenstein Memorial Award Fund.
25. \$1,000.00 from Mr. Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
26. \$1,000.00 from Maxine Harlan Murphy (Mrs. Fred A.) for the Student Athlete Grant-in-Aid Fund.

TOTAL - Received Through The Ohio State University Development Fund  
\$165,560.70

C. Gifts-in-Kind

1. Property located at 206 East 16th Avenue, being lot number forty-four (44) and twenty feet (20 ft. ) off of the east side of lot number forty-five (45) of the Indianola Forest Addition to the City of Columbus, Ohio, and a portion of a vacated alley being seven and one-half feet (7.5 ft. ) in width at the rear of the above mentioned lots, from Carolyn Kramer Serling and Rod Serling, her husband, to the Board of Trustees of The Ohio State University.

The property includes a three-story house of brick and frame construction, with nine rooms, including five bedrooms.

The property or the proceeds therefrom are to be held in the University's endowment portfolio, under the provisions of Section 3345.16 of the Revised Code of Ohio, and separately identified as the Carolyn Kramer Serling Scholarship Fund, income from which is to be used for scholarships to students selected by the University Scholarship Committee.

2. Equipment and materials from Conam Inspection, Inc., Columbus, Ohio, for the Department of Welding Engineering.
3. Equipment and materials from Bethlehem Steel Corporation for the Department of Welding Engineering.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In August, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,365	\$ 73,485.15
Individuals other than alumni	142	13,712.80
Business concerns	27	97,890.92
Foundations	30	158,849.35
	<u>2,564</u>	<u>\$343,938.22</u>

Of these gifts, 1,662 totaling \$19,821.24 were undesignated and 902 totaling \$324,116.98 were designated.

\* \* \*

V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees:

A. College of Dentistry - South Wing Addition

This project consists of two additions to the south of the existing Dentistry Building to provide additional instructional space and needed alteration of existing space to accommodate starting classes of 200 students.

Funds for this project have been provided from Item 315-072 (Dental Building, Phase II), H. B. 531; Item 235-010 (Architectural Planning - Board of Regents), H. B. 531; and a Public Health Service Grant.

B. Derby Hall - Improvements for Political Science Department

This project provides conversion of present classroom and office spaces for senior faculty offices presently located in University Hall.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801231 (Derby Hall Alterations).

Upon motion of Mr. Hilliker, seconded by Mr. Gibbs, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contract. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. University College - Building 13 - Employment of Architects

President Fawcett recommended that the architectural firm of Holroyd and Myers be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

The fee for this service is to be negotiated based on the schedules of the Architect's Society of Ohio of the AIA for architectural fees.

Funds for this project have been provided from Item 315-067 [University College, Phase 3], H. B. 531; Item 315-037 [General (University) College Building 1], H. B. 828; Item 315-033 [Improvements, Equipment and Contingencies], H. B. 828; Board of Regents Allocation and Federal Recoveries.

B. Animal Science Livestock Center - Employment of Engineers

President Fawcett recommended that the engineering firm of W. E. Monks be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost and field supervision of construction, as required.

The fee for this service will be negotiated by the Ohio Department of Public Works.

Funds for this project have been provided from Item 315-068 (College of Agriculture, Land, Barns, Teaching Facilities) H. B. 531 and Item 235-010 (Architectural Planning - Board of Regents) H. B. 531.

Upon motion of Mr. Dunlap, seconded by Mr. Gibbs, the above recommendations were approved by unanimous roll call vote.

\*

\*

\*

VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Bonner S. Coffman, Associate Professor in the Department of Civil Engineering; Foster Rhea Dulles, Professor Emeritus in the Department of History; and Lester O. Gilmore, Professor and Associate Chairman in the Department of Dairy Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

October 7, 1970 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

A. Bonner S. Coffman

The Board of Trustees expresses its sorrow at the death on August 3, 1970, of Bonner S. Coffman, Associate Professor in the Department of Civil Engineering.

Professor Coffman was born in Bell Buckle, Tennessee, on February 18, 1922. After finishing high school, he entered the U. S. Army Air Force during World War II and for three years was a radio operator on a B-17. He was graduated from the Tennessee Polytechnic Institute in 1948 with a bachelor's degree in civil engineering. He received a master's degree in civil engineering from the University of Kentucky in 1950.

In 1954, he was a consultant of the U. S. Bureau of Public Roads in Egypt and from 1951 to 1959 worked for the District of Columbia Highway Department and taught at George Washington University. He was on the staff of the U. S. Department of Agriculture as a graduate school lecturer.

From 1959 to 1961, Professor Coffman was a troubleshooter for the Federal Housing Administration. As chief of the site engineering section working principally with federal housing subdivisions, he saw engineering problems all over the United States and reviewed plans and assignments to help minimize and exclude risks for insurance mortgages.

Professor Coffman joined the faculty of The Ohio State University in 1961. Aside from his teaching duties, he was associated with the University's Engineering Experiment Station where he was a specialist in soils and pavement design. At the time of his death, he was in the final stages of completing a four-year project for the Ohio Department of Highways and the U. S. Bureau of Public Roads on the "Fatigue of Flexible Pavements," which is to be published in 1971.

Professor Coffman was registered as a professional engineer in Ohio, Maryland and the District of Columbia. His professional affiliations included American Society for Testing and Materials, American Society of Civil Engineers and Sigma Xi.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Coffman its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Foster Rhea Dulles

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Foster Rhea Dulles, Professor Emeritus in the Department of History.

October 7, 1970 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

B. Foster Rhea Dulles (continued)

Professor Dulles, the son of William and Sophea (Rhea) Dulles, was born in Englewood, New Jersey, January 20, 1900. He received his preparatory education at the Hill School of Pottstown, Pennsylvania, and took his A. B. degree from Princeton in 1921. Beginning his career as a journalist he represented the Christian Science Monitor in Peking, China, and later was on the staff of the Paris edition of the New York Herald Tribune.

Professor Dulles, who received his Ph. D. degree from Columbia University in 1940, taught at Smith College and Swarthmore before coming to The Ohio State University. He was appointed Professor in the Department of History and served in that capacity until his retirement in 1965. From 1953 to 1958 he was Chairman of the History Department. Professor Dulles' intellectual interests were broad: he was one of the few American scholars who taught and published extensively in both social and diplomatic history. His undergraduate courses always attracted a large number of students and he trained numerous doctoral candidates who are now prominent members of the historical profession.

Professor Dulles published America's Rise to World Power, Labor in America and The United States Since 1865, in addition to ten other scholarly books. Some of these have won distinguished prizes and some have been translated into several foreign languages. In addition to his teaching at Ohio State, Professor Dulles visited many campuses as Phi Beta Kappa lecturer, took part in many cultural exchange programs in Austria, Soviet Union, India and Japan. A Symposium on History and Literature was held in his honor at Ohio State in 1965.

On behalf of his many friends in the Columbus area, the Department of History, and the University community, the Board of Trustees expresses to the family of Professor Dulles its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

C. Lester O. Gilmore

The Board of Trustees expresses its sorrow at the death on August 21, 1970, of Lester O. Gilmore, Professor and Associate Chairman in the Department of Dairy Science.

Professor Gilmore was born March 3, 1910, in Freeborn, Minnesota. He received a Bachelor of Science degree in agricultural biochemistry from the University of Minnesota in 1932 and a Master of Science degree in dairy husbandry from the Kansas State University in 1933. Following the receipt of the Master's degree, he spent two years as an agricultural agent with the Minnesota Extension Service. He later became a graduate assistant in the Department of Dairy Science and received the Ph. D. degree from the University of Minnesota in 1939. Dr. Gilmore was Extension Dairyman at

October 7, 1970 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

C. Lester O. Gilmore (continued)

Kansas State University from 1939 to 1942. He returned to the University of Minnesota and was appointed Associate Professor in 1945. While at the University of Minnesota, Dr. Gilmore and his associate were the first to breed cattle artificially in this country. He reported later a classical study of the inheritance of lethal characters in dairy cattle.

In September 1948, he was appointed Associate Professor in the Department of Dairy Science at The Ohio State University, in charge of teaching livestock breeding. He developed a new course in research methods and techniques and directed graduate programs for several graduate students. It was at this time that he introduced the use of identical twins as a research method in Dairy Science.

Author of the textbook, Dairy Cattle Breeding, he also authored or coauthored 241 scientific or technical articles on livestock breeding and management. In 1963 and again in 1968, Professor Gilmore presented papers before the International Genetics Congress on inheritance of color patterns and congenital abnormalities in cattle. He always maintained a vital interest in research methods and philosophy, constantly challenged his graduate students and his fellow staff members to use new techniques and to apply relevant scientific principles in generalizing their research. He was intensely interested in helping dairy farmers. A leader among Ohio dairymen, he was as familiar with the art of dairy husbandry as with the detailed scientific methods required in the laboratory.

Dr. Gilmore held membership in the following groups: Phi Tau Theta, Alpha Gamma Rho, Alpha Zeta, Gamma Alpha, Gamma Sigma Delta, Sigma Xi, American Association of University Professors, American Dairy Science Association, American Society of Animal Science, American Genetics Association, American Society of Human Genetics, Genetics Society of America and Holstein-Friesian Association of America. He was a Fellow of the American Association for the Advancement of Science and the Ohio Academy of Science.

On behalf of the entire 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.

\*

\*

\*

October 7, 1970 meeting, Board of Trustees

VIII. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held September 18, 1970

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on September 18, 1970:

That the new degree and new degree program for award of the Doctor of Musical Arts submitted by The Ohio State University is hereby approved.

B. Appropriations for University Administrative Officials

Mr. Eckley moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1970-1971 be as follows: (1) to the President, \$10,000.00; (2) to each of the persons holding the following titles, \$1,000.00 - Executive Vice President for Administrative Operations; Provost and Vice President for Academic Affairs; Vice President for Business and Finance; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Vice President for Regional Campuses and Dean of the University College; Executive Assistant to the President and (3) an additional amount of \$3,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Harrod and approved by unanimous roll call vote.

C. Report on the University's Investment Portfolio

The report dated October 6, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, November 6, 1970, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

---

Edward Q. Moulton  
Secretary

---

John G. Ketterer  
Chairman

Page 178 Blank

Page 179 Blank

Page 180 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND FIFTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 6, 1970

The Board of Trustees met at its regular monthly meeting on Friday, November 6, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and M. Merle Harrod.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

November 6, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change in Degree from Bachelor of Laws (LL. B.)  
to Juris Doctor (J. D. or Doctor of Jurisprudence)

At the meeting on March 9, 1967, the Board of Trustees considered a proposal from the faculty of the College of Law and the Faculty Council that the Juris Doctor degree be awarded retroactively to those graduates who hold the Bachelor of Laws degree from this University and who had earned the baccalaureate degree before they entered the College of Law at The Ohio State University. This proposal was amended to include all graduates of the College of Law who had earned a baccalaureate degree before they were awarded the Bachelor of Laws degree. The proposal also provided for a supplementary diploma to be granted to all previous recipients of the Juris Doctor degree who would be entitled to the designation of summa cum laude and cum laude as set forth for the College of Law. There was established a \$10.00 fee to cover the cost of issuing a supplementary diploma in accordance with the Board action.

Recently the College of Law faculty has proposed a further modification of the March 9, 1967 action:

- (1) That all graduates of the College of Law who had earned the Bachelor of Laws degree be included and
- (2) That all graduates of the College of Law who are members of the Order of the Coif be awarded the degree Juris Doctor summa cum laude or cum laude.

President Fawcett recommended that the action of the Faculty Council be approved by the Board of Trustees.

Upon motion of Mr. Eckley, seconded by Mr. Safford, the Board of Trustees approved the above recommendation with Messrs. Shocknessy, Safford, Gibbs, Eckley and Harrod voting affirmatively, Mr. Ketterer voting negatively and Mr. Dunlap abstaining.

B. Retroactive Awarding of Summa Cum Laude and  
Cum Laude Designations to Doctor of Dental  
Surgery Graduates of the College of Dentistry

The Faculty Council on October 13, 1970, approved the proposal from the College of Dentistry that a designation of summa cum laude and cum laude be established and awarded retroactively to graduates of the College of

I. GENERAL RECOMMENDATIONS (continued)

B. Retroactive Awarding of Summa Cum Laude and Cum Laude Designations to Doctor of Dental Surgery Graduates of the College of Dentistry (continued)

Dentistry who had earned the Doctor of Dental Surgery degree from The Ohio State University prior to 1947 with appropriate academic standing as determined by the College of Dentistry and Office of Academic Affairs.

President Fawcett recommended that a supplemental diploma be awarded with the appropriate honor designation upon request of the graduate and the payment of a \$10.00 fee to cover cost of same upon the recommendation of the College of Dentistry.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation with Messrs. Shocknessy, Safford, Dunlap, Gibbs, Eckley and Harrod voting affirmatively and Mr. Ketterer voting negatively.

C. Proposal for the Establishment of a Program Leading to the Doctor of Philosophy Degree in Preventive Medicine

The Faculty Council on October 13, 1970, approved the proposal from the Council on Academic Affairs that a Doctor of Philosophy Program in Preventive Medicine be established.

The proposed doctoral program will enable students to pursue a course of study within the Department of Preventive Medicine with emphasis on interdisciplinary studies to improve human health and to protect against environmental hazards. During the past 15 years the Department of Preventive Medicine has offered graduate programs at the Master of Science degree level. The curriculum has been augmented to serve not only physicians but representatives of other disciplines as well. Opportunities for varied research in preventive medicine are now available. Encouragement in development of this program has been received from representatives of the National Institutes of Health, American College of Preventive Medicine and the Association of Teachers of Preventive Medicine. This program will provide an opportunity to prepare academic leaders in all the disciplines that can contribute to the promotion and protection of the health of human populations.

President Fawcett recommended that the action of the Faculty Council be approved. Pursuant to Section 3333.04 of the Revised Code of Ohio, it was

November 6, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Proposal for the Establishment of a Program Leading to the Doctor of Philosophy Degree in Preventive Medicine (continued)

recommended further that this proposal be forwarded to the Board of Regents for approval; and, subject to this approval that this action become effective immediately.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendations by unanimous voice vote.

D. Authorization to Proceed with Utilization of Funds Appropriated for University Hall

In recognition of the urgent need for more classroom and office space, particularly for the academic areas of the humanities, and in recognition of the widespread professional, academic, public, and alumni interest in preserving University Hall, it is highly desirable to move forward immediately by separating the matter into two projects.

To implement this decision, President Fawcett recommended that the following actions be taken at this time:

That the specific Board action of June 13, 1968 be rescinded;

That all requisite authority be obtained to use the funds appropriated for the replacement of University Hall for building a new structure, possibly called Centennial Hall, on an alternate site;

That appropriate authorization be given for the demolition of the North Wing of University Hall as soon as University funds are made available for that purpose and that any subsequent restoration and improvement of the building be provided through private funds raised through interested alumni leadership; and finally

That the designated project architect, C. Curtiss Inscho and Associates, be authorized to proceed at once with the design of the new structure and be reimbursed at the standard rate for the preliminary work done to date at the existing site.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the October 7, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointment, Leaves of Absence Without Salary and Emeritus Title:

A. Appointment

Richard H. Armitage, Ombudsman, effective as soon as possible after January 1, 1971, at a salary of \$27,648.00 per annum.

B. Leaves of Absence Without Salary

Henry J. Barre, Professor, Department of Agricultural Engineering, effective October 1, 1970 through December 31, 1970, to serve as a consultant on the Ford Foundation program at the Punjab Agricultural University, Ludhiana, Punjab, India.

Nathan S. Fechheimer, Professor, Department of Dairy Science, effective November 1, 1970 through June 30, 1971, for professional study in England.

Gisela M. Vitt, Assistant Professor, Department of German, effective January 1, 1971 through September 30, 1971, for personal reasons.

C. Emeritus Title

Leo A. Estel, Department of Anthropology, with the title Professor Emeritus, effective July 1, 1970.

Upon motion of Mr. Shocknessy, seconded by Mr. Eckley, the Appointment, Leaves of Absence Without Salary, Emeritus Title and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

November 6, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
September 19, 1970 - October 16, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	7	\$ 279,821.00
Industrial and Other Research	4	82,950.00
<u>Grants</u>		
Government Research - Federal	15	859,203.00
Industrial and Other Research	<u>21</u>	<u>150,461.20</u>
Totals	47	\$1,372,435.20

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of C1-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-D - Mod. #6-1 - College of Biological Sciences, Population and Environmental Biology).  
Gross Value - \$18,258.00.
- b. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Studies in Piloting Performance Under Stress (to be known as Project No. 1857 - Sponsor Ltr. Dated 9/15/70 - Department of Preventive Medicine).  
Gross Value - \$25,078.00.
- c. George C. Marshall Space Flight Center, National Aeronautics and Space Administration, Marshall Space Flight Center, Alabama, Preparation of Pigments for Space-Stable Thermal Control Coatings (to be known as Project No. 2633 - Amend. #3 - Department of Ceramic Engineering).  
Gross Value - \$18,250.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Research on Stress-Corrosion Cracking of Metallic Materials (to be known as Project No. 2737 - Mod. #P00003 - Department of Metallurgical Engineering).  
Gross Value - \$140,000.00.
- e. Department of Army, New York Procurement Agency, New York, New York, Small Unit Combat Simulation (DYNTACS X) (to be known as Project No. 2978 - Mod. #P002 - Engineering Experiment Station).  
Gross Value - \$50,000.00.
- f. Department of Navy, Office of Naval Research, Washington, D. C. , Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3006-A1 - Mod. #01 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$21,447.00.
- g. National Aeronautics and Space Administration, George Marshall Space Flight Center, Huntsville, Alabama, Course in Cost Schedule Control Systems (to be known as Project No. 3132-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$6,788.00.

TOTAL - Government Research Contracts - Federal \$279,821.00

2. Industrial and Other Research Contracts

- a. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885 - Ext. #13 - College of Biological Sciences, Biophysics).  
Gross Value - \$17,000.00.
- b. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885-A - Ext. #4 - Institute for Research in Vision).  
Gross Value - \$13,000.00.
- c. Research for Better Schools, Inc. , Philadelphia, Pennsylvania, Project Management Training Packages for Local Education Agency Personnel (to be known as Project No. 3131-A1 - New - College of Education).  
Gross Value - \$50,000.00.

November 6, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- d. Minneapolis Public Schools, Special District No. 1, Minneapolis, Minnesota, IACP Demonstration Project with Minneapolis Public Schools (to be known as Project No. 3138-A1 - New - College of Education).  
Gross Value - \$2,950.00.

TOTAL - Industrial and Other Research Contracts \$82,950.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Air Pollution Control Administration, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-J - Sup. #2 - Department of Chemistry).  
Gross Value - \$500.00.
- b. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as Project No. 1470-H - Ext. #8 - Department of Psychology).  
Gross Value - \$20,153.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-G - Ext. #7 - Department of Chemistry).  
Gross Value - \$41,576.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Receptive Fields of the Mesencephalon (to be known as Project No. 1881-F - Ext. #6 - College of Optometry).  
Gross Value - \$22,013.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-C - Ext. #3 - Department of Medicine).  
Gross Value - \$223,470.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as Project No. 2711-B - Ext. #2 - Department of Ophthalmology).  
Gross Value - \$26,794.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subject to Large Deflections (to be known as Project No. 2792 - Sup. #3 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$12,360.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Advisory Council on Education for Health Professions, Bethesda, Maryland, Computer-Assisted Independent Study (to be known as Project No. 2835 - Sup. #1 - Department of Medicine).  
Gross Value - \$235,977.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-A - Ext. #1 - School of Nursing).  
Gross Value - \$75,255.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Phospholipid Autoantibodies in Humans and Animals (to be known as Project No. 2942-A - Ext. #1 - Department of Medical Microbiology).  
Gross Value - \$26,793.00.
- k. National Science Foundation, Washington, D. C., Elastic and Plastic Properties of a Bimaterial Couple (to be known as Project No. 3129-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$48,600.00.
- l. National Science Foundation, Washington, D. C., Preparation and Characterization of Catenated Metal Compounds (to be known as Project No. 3130-A1 - New - Department of Chemistry).  
Gross Value - \$36,900.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- m. National Science Foundation, Washington, D. C., Glacial Stratigraphy of Southern California (to be known as Project No. 3134-A1 - New - Institute of Polar Studies).  
Gross Value - \$25,800.00.
- n. National Science Foundation, Washington, D. C., Theoretical Study of Legged Locomotion in Animals and Machines (to be known as Project No. 3137-A1 - New - Department of Electrical Engineering).  
Gross Value - \$57,800.00.
- o. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotomimetic Amphetamine Structural Requirements (to be known as Project No. 3140-A1 - New - College of Pharmacy).  
Gross Value - \$5,212.00.

TOTAL - Government Research Grants - Federal \$859,203.00

4. Industrial and Other Research Grants

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Project No. 1395 - Checks Nos. CO750743, CO752470, CO752471, CO766758, CO767664, CO778903, CO778904, CO778905 - Department of Surgery).  
Gross Value - \$4,307.20.
- b. The Central Ohio Heart Association, Inc., Columbus, Ohio, Cholestyramine Inhibition of Intestinal Digitalis Transport (to be known as Project No. 3110-A1 - New - Department of Medicine).  
Gross Value - \$7,435.00.
- c. The Central Ohio Heart Association, Inc., Columbus, Ohio, Cardiac Glycoside Studies in Isolated Perfused Heart (to be known as Project No. 3111-A1 - New - Department of Pharmacology).  
Gross Value - \$7,445.00.
- d. The Central Ohio Heart Association, Inc., Columbus, Ohio, Immunological Evaluation of Cardiac Transportation (to be known as Project No. 3112-A1 - New - Department of Surgery).  
Gross Value - \$7,497.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- e. The Central Ohio Heart Association, Inc., Columbus, Ohio, Pulmonary Artery Perfusion During Cardiopulmonary Bypass to Prevent the Post-Perfusion or Shock-Lung Syndrome (to be known as Project No. 3113-A1 - New - Department of Surgery).  
Gross Value - \$7,497.00.
- f. The Central Ohio Heart Association, Inc., Columbus, Ohio, Myocardial Performance and Ionic Flux Following Hypercapnia (to be known as Project No. 3114-A1 - New - Department of Physiology).  
Gross Value - \$7,140.00.
- g. The Central Ohio Heart Association, Inc., Columbus, Ohio, The Effect of Fatty Acids on the Performance and Metabolism of the Anoxic Heart (to be known as Project No. 3115-A1 - New - Department of Medicine).  
Gross Value - \$7,495.00.
- h. The Central Ohio Heart Association, Inc., Columbus, Ohio, Myogenesis in the Neonatal Canine Heart (to be known as Project No. 3116-A1 - New - Department of Pathology).  
Gross Value - \$7,409.00.
- i. The Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Anoxia - Ischemia on Brain Biochemical Characteristics (to be known as Project No. 3117-A1 - New - Department of Medicine).  
Gross Value - \$7,322.00.
- j. The Central Ohio Heart Association, Inc., Columbus, Ohio, Mechanism of Salt Retention in Edematous States (to be known as Project No. 3118-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- k. The Central Ohio Heart Association, Inc., Columbus, Ohio, Extrarenal Renin and Interarenal Blood Flow (to be known as Project No. 3119-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- l. The Central Ohio Heart Association, Inc., Columbus, Ohio, Electrophysiologic Properties of Fretylium Tosylate in Man (to be known as Project No. 3120-A1 - New - Department of Medicine).  
Gross Value - \$7,242.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

- A. The Ohio State University and  
The Ohio State University Research Foundation
4. Industrial and Other Research Grants (continued)
- m. The Central Ohio Heart Association, Inc., Columbus, Ohio,  
Serum Factors Affecting the Activation of Lipoprotein Lipase and  
Its Potential Relationship to Coronary Artery Disease (to be known  
as Project No. 3121-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
  - n. The Central Ohio Heart Association, Inc., Columbus, Ohio,  
New Test for Antilymphocyte Globulin Potency (to be known as  
Project No. 3122-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
  - o. The Central Ohio Heart Association, Inc., Columbus, Ohio,  
Platelets, Thrombosis and Bleeding (to be known as Project No.  
3123-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
  - p. The Central Ohio Heart Association, Inc., Columbus, Ohio,  
Mechanism of Aortic Smooth Muscle Reflex (to be known as Project  
No. 3124-A1 - New - Department of Physiology).  
Gross Value - \$7,396.00.
  - q. The Central Ohio Heart Association, Inc., Columbus, Ohio,  
Genesis of Physiological Splitting of the Second Heart Sound (to be  
known as Project No. 3125-A1 - New - Department of Veterinary  
Physiology and Pharmacology).  
Gross Value - \$7,088.00.
  - r. The Central Ohio Heart Association, Inc., Columbus, Ohio,  
Effect of Carbon Monoxide on Tissue Oxygen Supply (to be known as  
Project No. 3126-A1 - New - Department of Medicine).  
Gross Value - \$6,468.00.
  - s. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown,  
Ohio, Coronary and Regional Blood Flows During Hemodilution Cardio-  
pulmonary Bypass (to be known as Project No. 3133-A1 - New -  
Department of Surgery).  
Gross Value - \$6,720.00.
  - t. Licensed Beverage Industries, Inc., New York, New York, Alcohol  
and Regional Cerebral Blood Flow (to be known as Project No.  
3136-A1 - New - Department of Psychiatry).  
Gross Value - \$7,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- u. The Petroleum Research Fund, American Chemical Society, Washington, D. C., Enzyme-Polymer Complexes - The Introduction of Groups for Auxilliary Binding and Orientation of the Active Site (to be known as Project No. 3139-A1 - New - College of Biological Sciences, Biochemistry).  
Gross Value - \$7,500.00.

TOTAL - Industrial and Other Research Grants \$150,461.20

Upon motion of Mr. Safford, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

	No. of Projects	Gross Value
Industrial Research Contracts	4	\$175,260.00

During the period from September 19, 1970 through October 15, 1970, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Industrial Research Contracts

- EES 310X    Weldability of Timken High Strength Steels, Timken Roller  
Ext. #3     Bearing Company, Canton, Ohio.  
Gross Value - \$1,500.00.
  
- EES 378X    Development of Applications for Holographic Non-Destruc-  
                  tive Testing, GCO, Inc., Ann Arbor, Michigan.  
Gross Value - \$25,000.00.
  
- EES 379X    The Development and Validation of Attitude, Knowledge  
                  and Performance Tests for Evaluating Driver Education  
                  Curricula, Ohio Department of Education, Columbus, Ohio.  
Gross Value - \$125,000.00.
  
- EES 380X    Feasibility of Sonic Rock Crushing, Columbia Cement  
                  Company, Columbus, Ohio.  
Gross Value - \$23,760.00.

\*

\*

\*

November 6, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since October 7, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance	\$2,485,956.00
Received Through The Ohio State University Development Fund	109,960.28

A. Administered Through the Office of Business and Finance

1. \$1,729,175.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for National Defense Student Loan Program, for the period July 1, 1970 through June 30, 1971. (NIH Vendor No. 766505)
2. \$460,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for College Work-Study Program, for the period January 1, 1971 through June 30, 1971. (NIH Grantee Account No. 766505)
3. \$260,000.00 granted by 2750th ABW, PMB, Base Procurement Branch, Building 120, Area C, Wright-Patterson Air Force Base, Ohio, to the University for continuation of the Graduate Study Program at Wright-Patterson Graduate Center, for the period September 29, 1970 through September 28, 1971. (Contract No. F33601-71-C-0121)
4. \$19,208.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neocortical and Subcortical Interactions," under the direction of the Department of Psychology, for the period September 1, 1970 through August 31, 1971. (Grant No. 5 K02 MH12747-04)
5. \$8,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Public Health Service Research Fellowship Award under the direction of the Department of Veterinary Physiology and Pharmacology, effective September 22, 1970 for the period of one year. (Grant No. 1 F03 HE43091-01)
6. \$4,939.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training - Medical," under the direction of the Department of Surgery, for the period July 1, 1969 through June 30, 1970. (Grant No. 3 T12 CA08110-04S1)

November 6, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

7. \$2,434.00 additional grant by U. S. Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for a Fellowship Award under the direction of the Department of Slavic Languages and Literatures. (Grant No. OEG-9-450226-068-815)
8. \$1,200.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Graduate Training Program in the Sociology of Education and Community," under the direction of the Department of Sociology, for the period June 15, 1970 through August 31, 1971. (Grant No. OEG-0-70-3532)
9. \$1,000.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., to the University for "Teaching Grant and Trineeships in Speech Pathology and Audiology," under the direction of the Department of Speech, for the period September 1, 1970 through August 31, 1971. [Grant No. 44-P-25121/5 (222-T-71)]

TOTAL - Administered Through the Office of Business and Finance  
\$2,485,956.00

B. Received Through The Ohio State University Development Fund

1. \$29,600.00 from Ohio Lions Research Foundation--\$22,200.00 for eye research and \$7,400.00 for the Institute for Research in Vision.
2. \$16,808.28 from the Estate of Dodie Thomas (Dora Jean Benjamin Thomas) for the establishment of The Dodie Thomas Memorial Scholarship.

The Dodie Thomas Memorial Scholarship

The Dodie Thomas Memorial Scholarship was established November 6, 1970, by the Board of Trustees of The Ohio State University with a bequest from Dodie Thomas (Dora Jean Benjamin Thomas), B.Sc. Soc. Adm. '58, M.S.W. '60, late of Anaheim, California.

The principal is to be invested in the Permanent Endowment Fund of the University 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 annually to provide one or more scholarships to needy and deserving female undergraduate students over twenty-five (25) years of age, who are pursuing a course of study in social work.

3. \$14,010.00 from the American Foundation for Pharmaceutical Education for fellowships in the College of Pharmacy.

November 6, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. \$12,000.00 from A. H. Robins Company, Inc., for research in the College of Medicine.
5. \$9,775.00 from Goodyear Tire and Rubber Company Fund--\$4,200.00 for fellowships in Aeronautical and Astronautical Engineering, \$4,200.00 for a fellowship in organic chemistry, \$1,000.00 for scholarships and \$375.00 as an unrestricted gift to the University.
6. \$8,000.00 from Mansfield O. S. U. Scholarship Fund for scholarships.
7. \$6,517.00 from The Grace High Washburn Trust for scholarships.
8. \$5,550.00 from Armco Foundation--\$4,850.00 for scholarships in Metallurgical Engineering and \$700.00 as an unrestricted gift to the University.
9. \$5,500.00 from American Oil Foundation for fellowships in Chemical Engineering.
10. \$2,200.00 from Mr. Edward A. Hobart for the establishment of the E. A. Hobart Welding Engineering Fund.

E. A. Hobart Welding Engineering Fund

The E. A. Hobart Welding Engineering Fund was established November 6, 1970, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund in honor of Edward A. Hobart, M. E. in E. E. '12, D. Sc. '69 (Hon.), Troy, Ohio.

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

The annual income is to be used by the Department of Welding Engineering to support its program of undergraduate scholarships, faculty research, purchase of equipment, and other items as determined by the Chairman of said Department.

Should the Department of Welding 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 recommendations from the appropriate administrative official of the University who is then directly responsible for welding engineering education.

TOTAL - Received Through The Ohio State University Development Fund  
\$109,960.28

IV. GRANTS AND GIFTS (continued)

C. Establishment of New Fund from Previously Reported Gift

The City Loan and Savings Company--The Metropolitan Bank  
of Lima, Ohio, Scholarship

The City Loan and Savings Company--The Metropolitan Bank of Lima, Ohio, Scholarship was established November 6, 1970, by the Board of Trustees of The Ohio State University with a gift to the Development Fund from Mirror Lake, Inc., 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 is to be used for the award of one or more scholarships to students who are residents of Allen County and attend the Lima Campus. Awards are to be made by the University Scholarship Committee upon the recommendation of the Director of the Lima Campus.

Each award is to be for a one-year period and the amount of the award to each student is to be based upon his or her financial need and shall not exceed the amount of the basic fees. The student will receive the scholarship in his or her next following year so long as he or she maintains the required academic record.

Any student who successfully completes two years at the Lima Campus and transfers to the Columbus Campus will continue to hold the scholarship so long as he or she maintains the required academic record. The amount of the award is to be based on need and is limited to the basic fee at the Columbus Campus. These students will continue to be eligible for this scholarship through their achievement of the Bachelor's Degree.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In September, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1, 843	\$ 59, 052. 19
Individuals Other than Alumni	159	8, 940. 75
Business Concerns	29	54, 805. 50
Foundations and Nonprofit Organizations	33	118, 894. 97
	<u>2, 064</u>	<u>\$241, 693. 41</u>

\*

\*

\*

November 6, 1970 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Telephone Duct System Expansion

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$137,655.00	\$142,396.17	\$4,741.17

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

B. University Hospital - Improvements to Selected Patient Areas

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 29,274.00	\$ 28,874.00	(\$ 400.00)

Funds for this project have been provided from Budget Account 960200 (Hospital Rotary).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees.

A. Main Library Air Conditioning

This project provides for the installation of a 400 ton "Terminal Reheat System" for areas of this building which are not now air conditioned. The new installation will be interconnected with the existing chiller to provide a 50 per cent standby capability.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

VI. PLANS AND SPECIFICATIONS (continued)

B. Medical Center Area - 13 KV Electric Service

This project is an extension of the existing underground conduits to the Medical Center buildings to increase capacity in existing buildings and for new buildings presently under construction.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

C. Orton Hall - Exterior Restoration and Waterproofing

This project includes the restoration and waterproofing of all exterior masonry.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. McCracken Power Plant - Removal of Coal and Ash Handling Equipment

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (1 bids received 9-24-70)		
Strunk Maintenance Co. (Columbus)	\$28,648.00	\$35,000.00

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

November 6, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. University Hospital - Replacement of Main House Pump System

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (5 bids received 10-27-70)		
R. T. Evans Plumbing Co. (Columbus)	\$14,750.00	
(Pumps to be furnished by University)	<u>7,500.00</u>	<u>                    </u>
<u>Total Contract</u>	<u>\$22,250.00</u>	<u>\$23,500.00</u>

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\* \* \*

VIII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 26 Approves the release of \$30,000.00 from Item 315-074 (Utilities and Renovation), H. B. 531, so that the contract for the project "McCracken Power Plant - Removal of Coal and Ash Handling Equipment" may be awarded.

\* \* \*

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Olentangy Main Trunk Sanitary Sewer (Part III),  
City of Columbus

WHEREAS, the City of Columbus requires additional sanitary sewer facilities to serve the northern section of the City of Columbus; and

WHEREAS, installation of the Olentangy main trunk sanitary sewer, Part III, requires a right-of-way through lands owned by the State of Ohio (The Ohio State University); and

WHEREAS, it is recommended that for the sum of \$26,530.00, the necessary easements for the installation of the Olentangy main trunk sanitary sewer be granted to the City of Columbus; and

November 6, 1970 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Olentangy Main Trunk Sanitary Sewer (Part III),  
City of Columbus (continued)

IT IS FURTHER RECOMMENDED, that the President and/or Vice President for Business and Finance be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide for the sanitary sewer easements.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

\*

\*

\*

X. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Manuel Barkan, Professor and Chairman of the Division of Art Education in the College of The Arts. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Manuel Barkan

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 9, 1970, of Manuel Barkan, Professor and Chairman of the Division of Art Education in the College of The Arts.

Professor Barkan was born on June 30, 1913, in New York. He received his Bachelor of Science and Master of Arts degrees from Teachers College, Columbia University, and his Ph. D. degree from The Ohio State University. He joined the faculty at Ohio State as an Assistant Professor in Art Education in 1947 and rose to the rank of full Professor in 1954.

Professor Barkan was a Faculty Fellow for the Fund for Advancement of Education which was sponsored by the Ford Foundation in 1951. He was the director of the Conference of Creativity under a grant from the Rockefeller Foundation in 1952 and 1953. He was a Viktor Lowenfeld Memorial Lecturer in 1965 at the Conference of National Art Education Association. He was a recipient of the Art Educator of the Year Award in 1967 from the National Art Education Association and was a recipient and director of four graduate fellowship award programs for prospective and experienced art teachers from the Bureau of Research, U. S. Office of Education, in the years between 1966 and 1970. He served as a Visiting Professor in the School for Art Teachers, College of Art, and University of Birmingham, England, in the Autumn of 1963. In the last three years he participated in several national and international meetings in the field of Art Education. In 1967, he gave a lecture entitled, "The Challenge and Adventure of Change," at the conference of the National Art Education Association in response to receiving the Art Educator of the Year Award.

X. RESOLUTION IN MEMORIAM (continued)

A. Manuel Barkan (continued)

As a teacher in the Division of Art Education, Professor Barkan contributed greatly to the national and international reputation and prestige that The Ohio State University enjoys in the field of art education. Through his own writing and research and that of his students, art education has become in his own words, "a disciplined and demanding field of inquiry." His students and colleagues will remember him for his keen powers of critical discernment and for the range of his curiosity; his friends will remember his selfless generosity in helping all who came to him with a problem and for his dedication to the pursuit of excellence in all things.

On behalf of the University at large, 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.

\* \* \*

XI. REPORT

A. Ohio Historical Society - Ohio State Museum Building

On March 18, 1970, the Board of Trustees authorized the President to sign the agreement with the Ohio Historical Society for purchase of the Ohio State Museum Building by The Ohio State University.

The Ohio Department of Finance has furnished \$1,000,000 in accordance with the provisions of Substitute House Bill 531 through the issuance of Warrant #6775813 which has been forwarded to the Ohio Historical Society.

On October 30, 1970, the Board of Trustees of the Ohio Historical Society passed a resolution in accordance with their Constitution and Bylaws and all applicable laws delineating the procedures to be followed. This resolution is filed with the official records of the Board of Trustees.

The Ohio Historical Society is executing the Deed to the University in accordance with the provisions of the Board resolution and a copy of the Deed is filed with the official records of the Board of Trustees.

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 5, 1970, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1970, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

\* \* \*

November 6, 1970 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, December 4, 1970, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John G. Ketterer  
Chairman

Page 204 Blank

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

Columbus, Ohio, December 4, 1970

The Board of Trustees met at its regular monthly meeting on Friday, December 4, 1970, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Jack G. Gibbs, and M. Merle Harrod.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

December 4, 1970 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Creation of Pooled Income Trust Fund  
for The Ohio State University

RESOLVED that the forms of the Trust Agreement and Instrument of Transfer, copies of which are attached hereto (Appendix III, page 233) creating a Pooled Income Fund for the University, are hereby approved;

FURTHER RESOLVED that the following individuals are designated as the original trustees of the Pooled Income Fund: Gordon B. Carson, Ernest W. Leggett, and Joseph S. Platt. It is understood that the attached documents are designed to satisfy the definition of a pooled income fund in Section 642(c) (5) of the Internal Revenue Code, and have been drafted in accordance with the proposed regulations published by the United States Treasury Department on July 17, 1970. It is further understood that these proposed regulations may be modified in certain respects when issued in final form. Therefore,

BE IT FURTHER RESOLVED that the Trustees of the Pooled Income Fund are authorized to make such changes in the attached documents as may in the opinion of the University Counsel be necessary or appropriate to satisfy the requirements of such final regulations.

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

B. Naming of Building

Upon the recommendation of the Vice President for University Development, and with the concurrence of the President's Cabinet, President Fawcett recommended that the former Ohio Historical Society Building at Fifteenth Avenue and High Street be named to honor Joseph Sullivant, one of the original Trustees of The Ohio State University, and that this building from this time on be referred to as "Joseph Sullivant Hall."

This recommendation is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

C. Authorization to Purchase Land and Enter Into a Lease Agreement with Nationwide Communications Inc.

In order to provide transmitting facilities enabling educational television programs to reach all families in Ohio, the 108th Ohio General Assembly authorized in House Bill 531 the capital improvement for educational television transmitting facilities. It was recommended that the President and/or Vice President for Business and Finance be authorized to purchase 69.614 acres of land in Genoa Township, Delaware County, for the sum of \$153,151.00 to construct a 1,000-foot television tower on the property, and to enter into a lease agreement with Nationwide Communications Inc., for a shared use of the tower. All funds for the project are available from the Ohio Educational Television Network Commission and from Nationwide Communications Inc.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

D. Degrees Conferred - Autumn Quarter Commencement

President Fawcett recommended that degrees be conferred at the December 18, 1970 Commencement to those students who complete their requirements and are recommended by the Faculty Council for degrees on that date. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix IV, page 243.)

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Approval of Site for Centennial Hall (University Hall Replacement)

President Fawcett made the following statement and recommendation:

Following the action of the Board of Trustees at its November, 1970 meeting the Division of Campus Planning was directed to undertake a comprehensive review of potential sites for the proposed Centennial Hall.

Based upon this review, I now wish to recommend to the members of this Board a site which I believe to be uniquely suited to the requirements of this project. Generally described, it is bounded by the Main Library, Mirror Lake Hollow, and Neil Avenue. A structure upon this location in addition to providing a focal point for the southwest portion of the Oval, is within the major pedestrian circulation routes between Oval buildings and the academic and residential areas to the west and south. Also since a number of the humanities departments will be located within this facility, the proximity to the University Library is highly desirable. And finally, the scenic

December 4, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Approval of Site for Centennial Hall (University Hall Replacement) (continued)

beauty of this location makes this selection particularly attractive. Mirror Lake Hollow, which borders the site to the south, is one of the more striking features of the campus. By fully respecting this feature and closely integrating it into the site development, both the building and Mirror Lake should be enhanced.

I now wish to recommend for your action the selection of the site for Centennial Hall as described above.

Upon motion of Mr. Safford, seconded by Mr. Gibbs, the Board of Trustees approved the above recommendation by unanimous roll call vote.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 6, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Changes in Assignment and Responsibility, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

John A. Prior from Acting Dean of the College of Medicine to Dean of the College of Medicine, effective December 1, 1970, at a salary of \$37,812.00 per annum. Dr. Prior will continue to hold an appointment as Professor in the Department of Medicine at No Salary.

H. Spencer Turner from Assistant Professor in the Department of Preventive Medicine to Director of The Ohio State University Health Service, effective November 16, 1970, at a salary of \$26,008.00 per annum. Dr. Turner will continue to hold the academic title of Assistant Professor in the Department of Preventive Medicine at No Salary.

B. Changes in Assignment and Responsibility

Lewis C. Branscomb from Director of Libraries to Professor of Thurber Studies, effective July 1, 1971, at a salary to be determined on the 1971-1972 budget.

Hugh C. Atkinson from Assistant Director of Libraries to Director of Libraries, effective July 1, 1971, at a salary to be determined on the 1971-1972 budget.

December 4, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

Howard L. Steele, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective January 11, 1971 through June 30, 1971, to serve as Deputy Director in the Program Development and Analysis Group, Foreign Economic Development Service, United States Department of Agriculture, Washington, D. C.

James W. VanderZanden, Associate Professor, Department of Sociology, effective January 1, 1971 through March 31, 1971, to prepare a manuscript for a textbook.

Elaine B. Kerr, Assistant Professor, Department of Sociology, effective January 1, 1971 through March 31, 1971, for personal reasons.

Regina Ann Brown, Instructor, University Libraries, effective December 1, 1970 through January 31, 1971, for personal reasons.

Thomas J. Fleming, Instructor (County Extension Agent, 4-H) Williams County, Cooperative Extension Service, effective November 1, 1970. (Military Leave)

D. Emeritus Titles

Leonard J. Alexander, Department of Plant Pathology, with the title Professor Emeritus, effective December 1, 1970.

Paul S. Fancher, Department of Medicine, with the title Professor Emeritus, effective November 1, 1970.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Promotions, Changes in Assignment and Responsibility, Leaves of Absence Without Salary, Emeritus Titles and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

December 4, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
October 17, 1970 - November 13, 1970

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	11	\$ 482,890.29
Industrial and Other Research	5	118,837.92
<u>Grants</u>		
Government Research - Federal	13	723,279.00
Industrial and Other Research	<u>1</u>	<u>5,000.00</u>
Totals	30	\$1,330,007.21

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Navy, Office of Naval Research, Washington, D. C., Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Amend. #22 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$189,246.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as Project No. 2116 - Mod. #7 - Department of Physics).  
Gross Value - \$45,000.00.
- c. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-C - Mod. #2-2 - Department of Chemistry).  
Gross Value - \$40,834.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-C1 - Mod. #2-2 - Department of Chemistry).  
Gross Value - \$2,400.00.
- e. Department of Air Force, Rome Air Development Center, Procurement Division, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P00006 - Department of Electrical Engineering).  
Gross Value - \$46,148.00.
- f. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Propagation of Electromagnetic Waves Through Plasma (to be known as Project No. 2748 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$25,000.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #3 - Department of Veterinary Pathology).  
Gross Value - \$72,981.00.
- h. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Development and Presentation of a Program of Instruction in Geodesy (to be known as Project No. 2930 - Mod. #M02 - Department of Geodetic Science).  
Gross Value - \$496.29.
- i. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Program to Apply the Gas Diagnostics in the AFFDL (Air Force Flight Dynamics Laboratory) (to be known as Project No. 3040-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$33,379.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Canadian Medlars Centre (to be known as Project No. 3109-A1 - New - Department of Medicine).  
Gross Value - \$7,406.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- k. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Computational Study of Turbulent Separated Flows (to be known as Project No. 3135-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$20,000.00.

TOTAL - Government Research Contracts - Federal \$482,890.29

2. Industrial and Other Research Contracts

- a. Coordinating Research Council, Inc., New York, New York, An Investigation of the Effects of Low Levels of Carbon Monoxide on Humans (to be known as Project No. 3141-A1 - New - Department of Preventive Medicine).  
Gross Value - \$98,253.00.
- b. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - New - Department of Pharmacology).  
Gross Value - \$1,244.92.
- c. Marquette University, Milwaukee, Wisconsin, The Biochemical Genetics of Morphological Mutants (to be known as Project No. 3143-A1 - New - College of Biological Sciences, Biochemistry and Molecular Biology).  
Gross Value - \$11,340.00.
- d. The Prince William County School Board, Manassas, Virginia, IACP Demonstration Program with the Prince William County Schools, Manassas, Virginia (to be known as Project No. 3148-A1 - New - College of Education).  
Gross Value - \$4,400.00.
- e. Washoe County School District, Reno, Nevada, IACP Demonstration Program with the Washoe County School District, Reno, Nevada (to be known as Project No. 3149-A1 - New - College of Education).  
Gross Value - \$3,600.00.

TOTAL - Industrial and Other Research Contracts \$118,837.92

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval Adult Mosquitoes (to be known as Project No. 702-N - Ext. #12 - College of Biological Sciences, Entomology).  
Gross Value - \$24,381.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research, Facilities and Resources Division, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-2-K - Ext. #10 - Department of Medicine).  
Gross Value - \$272,456.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research, Facilities and Resources Division, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-3-K - Ext. #10 - Department of Medicine).  
Gross Value - \$181,602.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as Project No. 1882-E - Sup. #1 - Department of Psychiatry).  
Gross Value - \$1,687.00.
- e. National Aeronautics and Space Administration, Washington, D. C., Millimeter Wavelength Propagation Studies (to be known as Project No. 2374 - Sup. #4 - Department of Electrical Engineering).  
Gross Value - \$74,537.00.
- f. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Sup. #4 - Department of Geodetic Science).  
Gross Value - \$29,000.00.
- g. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as Project No. 2732 - Sup. #2 and Sup. #3 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$12,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunologic Studies on Yaba Tumor Pox Virus (to be known as Project No. 2899 - Sup. #1 - Department of Veterinary Pathology).  
Gross Value - \$12,640.00.
- i. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #2 - Department of Electrical Engineering).  
Gross Value - \$38,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathology of Myocardial Hypertrophy (to be known as Project No. 2944-A - Ext. #1 - Department of Pathology).  
Gross Value - \$18,889.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Orthopaedic Importance of Chondromucoproteins (to be known as Project No. 2967-A - Ext. #1 - Department of Surgery).  
Gross Value - \$34,987.00.
- l. National Science Foundation, Washington, D. C., Mode of Action of Auxin in the Promotion of Elongation (to be known as Project No. 3144-A1 - New - College of Biological Sciences, Botany).  
Gross Value - \$20,700.00.
- m. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Anthropology (to be known as Project No. 3145-A1 - New - Department of Anthropology).  
Gross Value - \$2,400.00.

TOTAL - Government Research Grants - Federal \$723,279.00

December 4, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grant

- a. American Association of Colleges of Pharmacy, Silver Spring, Maryland, A Multivariate Study of the Career Developments of Potential Health Professionals - Section III Pharmacy (to be known as Project No. 2950 - Sponsor Check #4618 - College of Medicine, Administration).  
Gross Value - \$5,000.00.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

	No. of Projects	Gross Value
Government Research Contracts	2	\$33,420.00
Industrial Research Contracts	<u>2</u>	<u>5,980.00</u>
Totals	4	\$39,400.00

During the period from October 16, 1970 through November 13, 1970, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

- EES 314X    A Study of Soil-Structure Interaction in Reinforced Concrete  
Ext. #7      Culvert Pipes, Ohio Department of Highways, Columbus,  
                  Ohio.  
                  Gross Value - \$4,680.00.
- EES 356X    A Laboratory and Field Durability Study of Asphaltic  
Ext. #1      Mixtures, Ohio Department of Highways, Columbus,  
                  Ohio.  
                  Gross Value - \$28,740.00.

TOTAL - Government Research Contracts \$33,420.00

December 4, 1970 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

2. Industrial Research Contracts

EES 381X    A Pilot Architectural/Environmental Survey of Central  
                 Columbus, Ohio, Ohio Arts Council, Columbus, Ohio.  
                 Gross Value - \$1,000.00.

EES 382X    Investigation of Sludge Concentration and Withdrawal  
                 by Siphon Removal, Techology, Inc., Columbus, Ohio.  
                 Gross Value - \$4,980.00.

TOTAL - Industrial Research Contracts \$5,980.00

\*

\*

\*

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since November 6, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$844,342.00
Received Through The Ohio State University Development Fund	201,894.77

A. Administered Through the Office of Business and Finance

1. \$326,466.00 granted by the Agency for International Development, Department of State, Washington, D. C., for support and operation of the University of Udaipur in India, through the College of Agriculture and Home Economics, for the period April 1, 1970 through March 31, 1971. (Contract No. AID/nesa 148-9)
2. \$267,882.00 granted by the Agency for International Development, Department of State, Washington, D. C., for support and operation of the Punjab Agricultural University in India, through the College of Agriculture and Home Economics, for the period April 1, 1970 through March 31, 1971. (Contract No. AID/nesa 147-10)
3. \$175,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of the "ERIC Clearinghouse on Vocational and Technical Education," under the direction of The Center for Vocational and Technical Education, for the period September 1, 1970 through August 31, 1971. (Contract No. OEC-0-70-1214)

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

4. \$30,729.00 additional grant by U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C., to the University for support in the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees, under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period March, 1971 through June, 1971. (Contract No. 12-25-400-64)
5. \$23,615.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SM on PHI X-DNA Replication," for a Development Award - Research Career Program under the direction of the Department of Medical Microbiology, for the period January 1, 1971 through December 31, 1971. (Grant No. 5 K03 AI05714-04)
6. \$20,650.00 granted by National Science Foundation, Washington, D. C., to the University for support of a "Short Course in Models of Urban Spatial Structure and Ecology for College Teachers," under the direction of the Department of Sociology. This grant terminates on September 30, 1971. (Grant No. GY-8464 - Proposal 1/0640)

TOTAL - Administered Through the Office of Business and Finance  
\$844,332.00

B. Received Through The Ohio State University Development Fund

1. \$23,900.00 from the Trust under the Will of Glenna R. Joyce for scholarships.
2. \$22,750.00 from Eastman Kodak Company--\$10,000.00 for the graduate program in the Department of Chemistry, \$5,000.00 for its fellowship in Chemical Engineering, and \$7,500.00 as an unrestricted gift to the University.
3. \$20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Professorship in Chemical Engineering.
4. \$17,232.91 from forty Locals of the International Brotherhood of Electrical Workers for the establishment of the Gordon M. Freeman Scholarship Fund.

Gordon M. Freeman Scholarship Fund

The Gordon M. Freeman Scholarship Fund was established December 4, 1970, by the Board of Trustees of The Ohio State University through a gift to the Development Fund from approximately forty (40) Locals of the International Brotherhood of Electrical Workers. The gift was made

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. Gordon M. Freeman Scholarship Fund (continued)

in honor of Gordon M. Freeman, a native of Portsmouth, Ohio, President of the I. B. E. W. , 1954-1968, and President Emeritus of the I. B. E. W. at the time of the gift.

The principal and all additional gifts are to be invested in the Permanent Endowment Fund of The Ohio State University, 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 annually to provide one or more scholarships, covering the basic University fees, to students who are selected by the University Scholarship Committee. Students selected must be carrying a full academic program at the University, must be in the upper one-half of their class, and are to be the sons, daughters or wards of members of I. B. E. W. Locals who had contributed to this fund prior to its establishment. Any annual income which exceeds the basic fees awarded to a student is to be reinvested as principal until such time as the annual income will provide two or more basic fees' scholarships. The University Scholarship Committee, each year after the first award, will first consider the student who presently holds the scholarship and will award the second and succeeding scholarships to that student so long as he maintains a full academic load, acceptable grades and other performance considered worthy by the University Scholarship Committee.

5. \$17,116.37 from the Estate of Doris M. Risley for the establishment of The Doris M. and Clifford A. Risley Scholarship.

The Doris M. and Clifford A. Risley Scholarship

The Doris M. and Clifford A. Risley Scholarship was established December 4, 1970, by the Board of Trustees of The Ohio State University with a bequest through the Development Fund from Doris M. Risley (Mrs. Clifford A.), B.Sc. H. E. '17, formerly of Columbus, Ohio, in memory of herself and her deceased husband.

All gifts are to be invested in the Permanent Endowment Fund of the University under the rules and regulations of 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 students enrolled in the School of Home Economics.

Should the University be reorganized in such a manner as to eliminate the School of Home Economics in name or in fact, then the gifts shall endow scholarships for students in a field closely related to that of Home Economics.

December 4, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

6. \$15,000.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., for scholarships and research in the College of Engineering.
7. \$10,000.00 from Eli Lilly & Company Foundation for support of the College of Medicine.
8. \$10,000.00 from General Electric Foundation--\$5,000.00 for the Department of Industrial Engineering and \$5,000.00 for research in the College of Administrative Science.
9. \$10,000.00 from Shell Companies Foundation, Inc. --\$5,000.00 for fellowships in Mechanical Engineering and \$5,000.00 for fellowships in Chemical Engineering.
10. \$9,296.00 from The Charles F. High Foundation for scholarships.
11. \$8,845.00 from American Pharmaceutical Association for research in the College of Pharmacy.
12. \$8,386.66 from The Ohio Electric Utility Institute for fellowships in Electrical Engineering.
13. \$5,600.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
14. \$5,500.00 from Cummins Engine Company, Inc., for its fellowship in Mechanical Engineering.
15. \$5,000.00 from the Payne Fund, Inc., for its communications fund.
16. \$5,000.00 from Pharmacia Laboratories, Inc., for research in the College of Medicine.
17. \$5,000.00 from the American Heart Association for the Gustav Hirsch Memorial Professorship in the College of Medicine.
18. \$2,267.83 from Miyo Kawai (Mrs. Kazuo Kawai) for the establishment of The Miyo Kawai Memorial Fund.

The Miyo Kawai Memorial Fund

The Miyo Kawai Memorial Fund was established December 4, 1970, by the Board of Trustees of The Ohio State University with a gift through the Development Fund from Miyo Kawai (Mrs. Kazuo Kawai), formerly of Columbus, Ohio, and Tokyo, Japan, a member of the faculty of the Department of East Asian Languages and Literatures from 1963 to 1970.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

18. The Miyo Kawai Memorial Fund (continued)

All gifts are to be invested in the Permanent Endowment Fund of The Ohio State University 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 by the Department of East Asian Languages and Literatures to further the Japanese language studies at the University.

Should the University be reorganized in such a manner as to eliminate the Department of East Asian Languages and Literatures in name or in fact, then the gifts shall endow scholarships for students in a field closely related to that of East Asian Languages and Literatures.

19. \$1,000.00 from the Agonis Club and friends of Charles D. Hill for the establishment of The Charles D. Hill Equine Research Fund.

The Charles D. Hill Equine Research Fund

The Charles D. Hill Equine Research Fund was established December 4, 1970, by the Board of Trustees of The Ohio State University with a gift to the Development Fund from the Agonis Club, Columbus, Ohio, and friends of Charles D. Hill, in honor of his service and loyalty to the sport of horse racing.

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 support an equine research program in the College of Veterinary Medicine as determined by the Director of Veterinary Clinics.

Should the College of Veterinary Medicine or the Veterinary Clinics cease to exist through any reorganization of the University or should the need for this gift income so diminish or cease to exist so as to leave 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 University official who is then responsible for research in animal care and health.

TOTAL - Received Through The Ohio State University Development Fund  
\$201,894.77

Upon motion of Mr. Harrod, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

December 4, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Authorization for Secretary of the Board to Sign "Waiver of Service" for Gift from Estate of Alta J. Donovan

Under Item Four of the Will of Alta J. Donovan, The Ohio State University will receive a one-third share (\$13,695.13) of said Estate. The Board of Trustees hereby authorizes the Secretary of the Board to sign a "Waiver of Service" in which it is agreed that in consideration for immediate payment, the Board of Trustees of The Ohio State University agrees to pay to and reimburse the executor of the Estate of Alta J. Donovan, deceased, its proportionate share of any tax liability or deficiency assessed upon the executor by the Internal Revenue Service or other tax authority arising out of the United States Estate Tax Return, United States Fiduciary Income Tax Return, Iowa Income Tax Return and any other tax returns of any other tax authority to the extent that they relate to the Estate of Alta J. Donovan, deceased.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees authorized the Secretary of the Board to sign said "Waiver of Service" by unanimous roll call vote.

D. Report from The Ohio State University Development Fund

In October, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,645	\$ 85,065.46
Individuals Other than Alumni	1,378	23,899.08
Business Concerns	43	66,858.00
Foundations and Nonprofit Organizations	54	124,061.08
	<u>4,120</u>	<u>\$299,883.62</u>

\*

\*

\*

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Parking Lot West of Pedestrian Bridge

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$105,500.00	\$107,061.52	\$1,561.52

December 4, 1970 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

A. Parking Lot West of Pedestrian Bridge (continued)

Funds for this project have been provided by a transfer from Budget Account 921300 (Parking Rotary) to Budget Account 801214 (Parking Lot - Pedestrian Bridge).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Easement - State of Ohio

WHEREAS, the State of Ohio has requested permission to construct an 8-inch water line through State of Ohio (The Ohio State University) and Board of Trustees of The Ohio State University lands, commencing on Godown Road, proceeding westward to the site of the proposed Adjutant General and Department of Commerce hangar facilities, and terminating at the National Guard Armory located on State Route 161; and

WHEREAS, the construction of this water line will provide an adequate water and fire hydrant service for the new hangar facilities and the National Guard Armory, and further, with the approval of the State of Ohio, will supply adequate water and fire hydrant service for the University's Animal Science Center to be constructed west of the airport runways.

NOW, THEREFORE, BE IT RESOLVED, that this easement necessary for the installation of the water line be granted to the State of Ohio; and

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized to act on behalf of the University in executing the necessary legal instruments to provide for the easement and to request the Director of Public Works pursuant to his statutory duties to develop the necessary legal instruments to provide for the water line easement.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

B. Newark Campus - Transfer of Lands

WHEREAS, the Ohio Department of Highways has requested permission to widen and improve Country Club Drive on a portion of lands fronting on the Newark Campus of The Ohio State University; and

VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Newark Campus - Transfer of Lands (continued)

WHEREAS, this additional land involving 0.018 acres will permit the Ohio Department of Highways to widen and improve the corner of Country Club Drive and Granville Road which will permit an improved access to the campus;

NOW, THEREFORE, BE IT RESOLVED, that the lands involving 0.018 acres necessary for the above improvement be conveyed to the State of Ohio (The Ohio Department of Highways); and

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized pursuant to Section 3345.18, Ohio Revised Code, to act on behalf of the University in developing the necessary legal instruments to provide for the conveyance of the land necessary for the improvement to Country Club Drive.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above resolution was adopted by unanimous roll call vote.

C. Lima Campus - Transfer of Lands

WHEREAS, the Allen County Commissioners and the Trustees of Bath Township have requested permission to widen and improve a bridge on Thayer Road on a portion of lands on the east portion of the Lima Campus of The Ohio State University; and

WHEREAS, this additional land involving 0.09 acres will permit the Trustees of Bath Township to widen and improve a bridge on Thayer Road;

NOW, THEREFORE, BE IT RESOLVED, that the lands involving 0.09 acres necessary for the improvement be conveyed to the Board of Bath Township Trustees, Allen County, Ohio; and

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized, pursuant to Section 3345.18, Ohio Revised Code, to act on behalf of the University in developing the necessary legal instruments to provide for the conveyance of the land necessary for the improvement to a bridge on Thayer Road.

Upon motion of Mr. Dunlap, seconded by Mr. Gibbs, the above resolution was adopted by unanimous roll call vote.

D. Agreement Between the Ohio Department of Highways and The Ohio State University - Olentangy Freeway

WHEREAS, the construction of a part of the Olentangy Freeway (State Route FRA-315-2.85) is on The Ohio State University campus; and

VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Agreement Between the Ohio Department of Highways and The Ohio State University - Olentangy Freeway (continued)

WHEREAS, the Ohio Department of Highways and The Ohio State University recognize the need to achieve maximum utilization of State lands for purposes of both public transportation and educational facilities, and further, recognize the need to commit resources for construction, planning, and rearrangement of University facilities to improve the overall functions and utilization of The Ohio State University campus upon completion of the Olentangy Freeway; and

WHEREAS, the construction of this freeway requires certain land transfers, compensation to the University for replacement of University facilities and improvements to be made on Campus Loop Road and Stadium Drive, as well as compensation for replacement of other University facilities, an agreement was entered into between the Ohio Department of Highways and The Ohio State University dated November 16, 1970, to provide for such actions;

NOW, THEREFORE, BE IT RESOLVED, that the action of the President and the Secretary of the Board of Trustees in entering into the agreement be ratified and the agreement be filed with the official records of the Board of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above resolution was adopted and the action of the President and Secretary of the Board of Trustees was ratified by unanimous roll call vote.

\*

\*

\*

VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Stanley C. Allyn, former member of the Board of Trustees; Patti Murray Grubb, Associate Professor in the Department of Speech; Freeman S. Howlett, Professor Emeritus in the Department of Horticulture; Henry Russell Spencer, Professor Emeritus in the Department of Political Science; and Grace Anne Stewart, Professor Emeritus in the Department of Geology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Stanley C. Allyn

The Board of Trustees expresses its special sorrow at the death on October 31, 1970, at Greenwich, Connecticut, of its former colleague, Stanley C. Allyn, of Dayton. Mr. Allyn was a Trustee from January 8, 1959 to May 13, 1968. During 1967-1968 he was chairman of the Board, but ill health prevented him from attending Board meetings during that time.

December 4, 1970 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

A. Stanley C. Allyn (continued)

A graduate of the University of Wisconsin, Mr. Allyn was actively identified with the National Cash Register Company from 1913 to 1964. During that span he rose rapidly from accountant to top executive positions - comptroller at 33, treasurer, executive vice president, general manager, president (1950-1957), chairman of the board and chief executive officer (1957-1961); and chairman, executive committee (1962-1964). He became director emeritus in 1964. In 1967 his recollections were published in book form under the title of My Half Century with NCR.

Mr. Allyn was appointed a Trustee by Governor C. William O'Neill. It was fitting that he succeeded to the seat that for years had been occupied by his longtime colleague and fellow-townsmen, Charles F. Kettering. Mr. Allyn was a benefactor of the University, several of his gifts running into five figures. He was a charter member of The Ohio State University Presidents Club.

Besides being a Trustee of this University, Mr. Allyn was largely instrumental in the founding of Wright State University in Dayton. With other local leaders he helped to raise \$3 million in gifts to match a like amount from the state to get this new educational venture under way. In recognition of his efforts, the first building on the new campus was named Allyn Hall, a fact of which he was understandably proud.

Apart from his talent for management, Mr. Allyn was remarkable for the breadth and diversity of his other interests and activities. His biographical sketch in Who's Who in America lists at least thirty of these. To cite only a few, he was or had been a director of the National Conference of Christians and Jews, a trustee of the Thomas Alva Edison Foundation, a member of the business advisory council of the U. S. Department of Commerce, president of the Community Chests and Councils of America, head of the U. S. delegation to the Economic Commission for Europe, and president and director of the Miami Conservancy District.

Mr. Allyn was the recipient of many honors, including honorary degrees from his alma mater and four other universities. In addition, he was an honorary citizen of Athens, Greece; an officer of the French Legion of Honor; was once named industrialist of the year; was a recipient of the Sons of the American Revolution good citizenship award; the U. S. Navy distinguished public service award; and a Presidential Certificate of Merit. Forbes Magazine once named him as one of America's fifty foremost business leaders.

His manifold achievements were quite in keeping with the catholicity of his widespread interests. He was a business statesman of the first order and a faithful servant of his community, his state, and his country - in short, a distinguished citizen.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be sent to the family in token of the Board's abiding respect and deep appreciation.

VII. RESOLUTIONS IN MEMORIAM (continued)

B. Patti Murray Grubb

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 28, 1970, of Patti Murray Grubb, Associate Professor in the Department of Speech.

Dr. Grubb was born in Carbondale, Colorado, July 16, 1923. She received the B. A. degree from the University of Denver in 1949, the M. A. degree from the University of Southern California in 1950, and the Ph. D. degree from the University of Illinois in 1956.

Dr. Grubb was an active member of numerous professional organizations and the author of several publications in scholarly journals. She was a Fellow in the American Speech and Hearing Association and a member of the Acoustical Society of America and the Linguistics Society of America. Prior to her appointment to The Ohio State University faculty in 1968, Dr. Grubb was a Visiting Associate Professor at Purdue University, a Lecturer at the University of Southern California at Los Angeles and an Assistant Professor of Speech at Texas Technological College.

Dr. Grubb's professional experience included positions as Research Assistant at the Speech Research Laboratory, University of Illinois; Research Associate in the Department of Psychology at Texas Tech under a grant from the Atomic Energy Commission; Postdoctoral Fellow in Experimental Phonetics at Haskins Laboratories, New York City; Research Associate in the Laboratory for Neurological Research at Loma Linda University, School of Medicine, Los Angeles; and Research Audiologist at the Veterans Administration Outpatient Clinic in Los Angeles. She also held positions with the Orthopaedic Hospital in Los Angeles; Children's Correction Clinic, Jacksonville, Florida; and Lubbock Cerebral Palsy Clinic, Lubbock, Texas.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Grubb its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

C. Freeman S. Howlett

The Board of Trustees expresses its sorrow at the death on November 18, 1970, of Freeman S. Howlett, Professor Emeritus and former Chairman of the Department of Horticulture.

Professor Howlett was born June 15, 1900, in Jordanville, New York. He received his B. S. degree in 1921 and his Ph. D. degree in 1925, both from Cornell University. He joined the faculty of The Ohio State University and the Ohio Agricultural Research and Development Center as an Assistant Professor in 1924. In 1947 he became Professor and Chairman of the Department of Horticulture and Forestry at The Ohio State University and of

December 4, 1970 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

C. Freeman S. Howlett (continued)

the Department of Horticulture at the Ohio Agricultural Research and Development Center. He served with distinction in these posts for some 23 years. Upon his retirement on June 30, 1970, he was named Professor Emeritus.

During his long career, he conducted extensive studies in greenhouse vegetable culture, rootstocks for apple and pear, and in plant nutrition. Dr. Howlett was responsible for the development and use of foliar analysis as a tool for ascertaining nutritional requirements in horticultural crops. During his more than 30 years of apple breeding, he developed and named five new apple cultivars: Melrose, Franklin, Ruby, Holiday, and Holly which show much promise for Ohio producers.

Throughout his career he was held in high esteem by the leaders of the horticultural industries of the state, the nation, and the world. He similarly enjoyed a unique position in the professional community in which he lived. His leadership and guidance, which was always freely given, did much to enhance the industry and aid the profession of horticulture. He always maintained a vital interest in students and in teaching. He challenged his students and his fellow staff members to meet the highest standards of academic achievement. The respect that he won through his devotion to his chosen career field is best exemplified by the recognition which he received. He was a guest lecturer at leading horticultural institutions here and abroad. He was a Fellow of the American Society for Horticultural Science, The Royal Horticultural Society of England, and the Ohio Academy of Sciences. He held membership in numerous scholarly societies.

Dr. Howlett published widely in the most respected journals and is well known in the literature. He is particularly well known for the standard text Modern Fruit Production which he co-authored and which has been translated into many languages. He was a frequent contributor to leading encyclopedias.

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 of Freeman S. Howlett as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Henry Russell Spencer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 29, 1970, of Henry Russell Spencer, Professor Emeritus in the Department of Political Science.

Professor Spencer was born in Foxborough, Massachusetts, on January 22, 1879. He received his A. B. degree from Colby College in 1899; his A. M. and Ph. D. degrees from Columbia University in 1901 and 1904. In 1950 he was granted the LL. D. degree by The Ohio State University and the Litt. D. degree by Colby College.

VII. RESOLUTIONS IN MEMORIAM (continued)

D. Henry Russell Spencer (continued)

His teaching career, which extended well over half a century, began in 1899 at the Coburn Classical Institute and continued beyond his retirement in 1949, and included service at Columbia University, Princeton University, Stanford University, Tulane University, University of California at Los Angeles, West Virginia University, and Reed College. With the exception of these interludes and time out for war service in 1917-18, his lifework as a teacher and scholar were uniquely associated with The Ohio State University.

Coming to the University in 1903 as a young instructor in History and Political Science, he continued until 1949, when he retired as Professor Emeritus. When a separate Department of Political Science was established, he became its Chairman and remained in that post until 1947. During the thirty-eight years of his Chairmanship, the qualities of mind, heart and spirit of this high-minded, scholarly man had a powerful influence on his colleagues, as he moved as best he could to build a department that would reflect his own high purposes and rigorous standards of excellence.

It was as a scholar and teacher that generations of students remember him. A scholar of great depth and richness, a teacher of memorable eloquence, who became a legend in his own lifetime, a great gentleman in every sense of the word, he had an immense influence upon the young men who sat before him.

The author of various books, monographs, and articles throughout his life, a former President of the American Political Science Association, the "founding father" of our Department of Political Science, the recipient of various awards and honors, Professor Spencer was one of the "great teachers" who have added strength in the building of this University.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Spencer its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

E. Grace Anne Stewart

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Grace Anne Stewart, Professor Emeritus in the Department of Geology.

Professor Stewart, daughter of John Stewart, was born near Minnedosa, Manitoba, Canada, August 4, 1893. She received her B. A. and M. A. degrees from the University of Alberta and her Ph. D. degree from the University of Chicago. She held appointments with the Research Council of Alberta and the Geological Survey of Canada before being appointed an Instructor at this University in 1923. She was promoted to Assistant Professor in 1928, to Associate Professor in 1937, and to Professor in 1946.

VII. RESOLUTIONS IN MEMORIAM (continued)

E. Grace Anne Stewart (continued)

She resigned from that position in 1954 and was granted the title Professor Emeritus. During World War II she served as a geographer in the Office of Strategic Services in Washington. After retirement she served as a consultant for several geological firms. She died in Tucson, Arizona, October 15, 1970.

As a teacher, she was methodical, thorough, patient, and helpful, as many alumni can testify. Her research work dealt mainly with microfossils of the Paleozoic of North America, especially Foraminifera, ostracodes, and conodonts. Her main books are Fauna of the Silica Shale of Lucas County, published by the Ohio Geological Survey (1927) and Middle Devonian Corals of Ohio, a special paper of the Geological Society of America (1938). In addition, she published numerous shorter papers in the Journal of Paleontology, the Ohio Journal of Science, and the American Midland Naturalist. She will be remembered as a member of that band of pioneer women who refused to be deterred from qualifying as geologists because it seemed to be a masculine preserve. She attained a leading position in the profession by quiet but persistent effort, the production of professional work, and willingness to do a man's work in the field when it was required.

On behalf of the entire University, the Board of Trustees expresses to the family its deep 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 in its bereavement.

\*

\*

\*

VIII. REPORTS

A. Report from the Finance and Investment Committee

1. Resolution Providing for the Sale of Land (12.318 Acres, Part of the Mitchell Tract, North Side of Don Scott Airport) to the Ohio Building Authority

Mr. Dunlap presented the following resolution:

WHEREAS, the Ohio Building Authority desires a site for a hangar facility in the vicinity of the University Airport; and

WHEREAS, the Board of Trustees has title in its Investment Portfolio to a tract of land on the north side of the University Airport which would be suitable for such use in accordance with the University Airport Master Plan; and

WHEREAS, the Ohio Building Authority has offered to purchase 12.318 acres, in accordance with MAI appraisals;

December 4, 1970 meeting, Board of Trustees

VIII. REPORTS (continued)

A. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Sale of Land (12.318 Acres, Part of Mitchell Tract, North Side of Don Scott Airport) to the Ohio Building Authority (continued)

NOW, THEREFORE, BE IT RESOLVED, that the Vice President for Business and Finance have the necessary legal document prepared; and

BE IT FURTHER RESOLVED, that the President and Vice President for Business and Finance are hereby authorized and empowered to execute a deed transferring the land to the Ohio Building Authority upon payment of the appraised value. The proceeds are to be deposited in the University's investment portfolio.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated December 4, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

C. Highlights of University Activities

President Fawcett reported to the Board on some significant upcoming events at the University and some activities that have taken place in recent weeks. Some references included in the report, which is filed with the official records of the Secretary, were as follows:

1. Dr. James A. Robinson will be representing the University at the hearing before the Ohio Board of Regents concerning the Master Plan for Ohio's state universities on Monday, December 7, 1970.
2. Some 1,625 graduates will receive degrees at the University's Autumn Quarter Commencement on Friday, December 18. A highlight of the ceremony will be the recognition of recipients of the University's Centennial Achievement Award. In a variation of the traditional commencement address, Detroit industrialist and philanthropist, Max W. Fisher will respond on behalf of the recipients. More than 90 of the 100 outstanding alumni, former faculty, and other prominent persons chosen for the award are expected to be on hand for the presentation the preceding evening at a dinner and reception in the Center for Tomorrow.

VIII. REPORTS (continued)

C. Highlights of University Activities (continued)

3. The world's first large scale computerized on-line remote library circulation system is now in full operation on the campus. The new system is designed to make using the University's network of libraries simple and easy. With a telephone call from any phone, anywhere, a student or faculty member can find out in seconds if the books he needs are available and have them reserved for pickup. The system ties in the more than 2, 400, 000 books, 400, 000 music scores, 677, 000 microfilm units, and 150, 000 maps to a computer. The computer reports instantaneously on a display screen the location and availability of any of these items, and also checks them out if desired.
  
4. On December 2, at the White House, President Fawcett presented to President Richard M. Nixon a gavel set commemorating the University's Centennial. The walnut gavel set was made for this purpose by Joseph W. Kerchner, the University's Superintendent of Construction Maintenance. The wood used is more than 100 years old. It was obtained from University Hall during maintenance work on the building.
  
5. The National Science Foundation has reported an important fossil discovery 350 miles from the South Pole by James Collinson, Assistant Professor of Geology at Ohio State. Collinson's find was the 200-million-year-old fossil of a cynodont, a meat-eating reptile about the size of a small dog.

\* \* \*

Thereupon the Board adjourned to meet Wednesday, February 3, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John G. Ketterer  
Chairman

Page 232 Blank

APPENDIX III

POOLED INCOME FUND TRUST AGREEMENT

and

INSTRUMENT OF TRANSFER

Page 234 Blank

POOLED INCOME FUND

The Ohio State University

Trust Agreement

This Trust Agreement between The Ohio State University (the University) and

\_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_  
(the Trustees), executed this \_\_\_\_\_ day of \_\_\_\_\_, 1970 witnesseth:

The purpose and intent of this Agreement is to create a Pooled Income Fund (the 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. Trust Created. The University has deposited with the Trustees the sum of \$100 to enable the Fund to establish a bank account and qualify as a valid trust under Ohio law. This account shall not be included as a trust asset after the first contribution is received from a donor and the balance in the account shall be repaid to the University on demand.

2. 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 the University. If the University is not qualified as a "public charity" under the federal tax laws at the termination of the life income interest, the amount of the remainder interest shall be distributed to an educational organization which is then so qualified, to be selected by the Trustees of the Fund.

(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) a lifetime income interest in the property transferred. If a spouse is named as a co-beneficiary with the donor the instrument

Pooled Income Fund - The Ohio State University - Trust Agreement (continued)  
of transfer shall designate the shares of income payable to each and whether such shares are to be enjoyed concurrently or consecutively.

(c) The instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement. A copy of this Agreement shall be attached to each instrument of transfer.

3. Certain Properties Excluded.

(a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in paragraph 2 of this Agreement.

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

(c) The Trustees shall not accept any contribution of tangible personal property. [See Section 170(a) (3) of the Internal Revenue Code.]

(d) The Trustees shall not accept any property subject to an indebtedness. [See Section 1011(b) of the Internal Revenue Code.]

4. Commingling of Life Income Properties. The property transferred by each donor shall be commingled with and invested or reinvested with the property transferred to the Fund by other donors satisfying the requirement of paragraph 2 of this Agreement.

5. Fiscal Year - Valuations. The Fund shall operate on a fiscal year ending on June 30. The commingled trust fund shall be valued on the first day of each fiscal year and on the last day of each quarter-annual period, commencing on December 31, 1970. Transfers to and withdrawals from the Fund shall be made only on such quarterly valuation dates and all determinations hereunder shall be based on such valuations.

6. Allocation and Distribution of Income.

(a) The income share of each beneficiary for each quarter-annual period of the Fund shall be determined by the rate of return earned by the Fund for such period

Pooled Income Fund - The Ohio State University - Trust Agreement (continued)

with respect to his income interest, and 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 proportional share of the income earned by the Fund. Such share expressed in terms of units of participation shall be based on the fair market value of the property transferred by the donor on the date of transfer, in relation to the value on said date of all property held by the Fund immediately prior thereto. Each unit of participation shall be valued at not more than its initial fair market value at the date of transfer. Income attributable to appreciation in the value of such unit (in excess of its initial fair market value) shall be distributed currently to the University.

(c) In the allocation of income to units outstanding during only part of a year the Trustees shall take into consideration the number of full quarters during which such units were outstanding.

(d) The income interest of a beneficiary shall terminate on the quarterly valuation date next preceding the date of his death.

7. Classification of Income.

(a) For purposes of paragraph 6 of this Agreement the term income refers to the ordinary income of the Fund after deducting any costs and expenses incurred by the Fund which are properly chargeable by income, determined in accordance with good accounting practices under the law of Ohio relating to trusts. The deduction for depreciation shall be computed on a straight line basis and the deduction for depletion on a cost basis.

(b) Long term capital gains realized by the Fund shall be accumulated and added to the Fund, credited to a special capital gain account. At the termination of a life income interest a pro rata portion of this account based on the number of units terminated shall be distributed to the University.

Pooled Income Fund - The Ohio State University - Trust Agreement (continued)

(c) Other income not included in sub-paragraphs (a) and (b) may consist of short-term capital gains, extraordinary distributions and other items properly chargeable to capital account. Such items will be taxable to the Fund unless distributed currently to the University. The Trustees shall determine whether such items shall be retained or distributed to the University and their determination shall be final.

(d) It is understood that the basis of the Fund for the computation of depreciation, depletion, gain or loss will correspond with the adjusted basis of the donor at the date of the transfer, and that the donor's holding period for purposes of the treatment of gains and losses may be added to the holding period of the Fund.

8. Distribution of Remainder Interest. Upon the termination of an income interest an amount equal to the value of the property upon which the income interest was based shall be severed from the Fund as of the termination date and shall be transferred to the University. The instrument of transfer by the original 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 Fund and the transfer shall not be accepted unless such purposes are approved.

9. Maintenance of Fund - Trusteeship.

(a) The Fund has been created and will 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 Fund or beneficiary of an income interest in the Fund shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities with respect to the Fund which would ordinarily be exercised by a Trustee.

Pooled Income Fund - The Ohio State University - Trust Agreement (continued)

(c) All expenses of operating the Fund 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 Fund distributable to the life income beneficiaries not to exceed one-half of 1% of such income. No such charge shall be made unless a comparable charge is made against all other pooled income funds, if any, maintained by the University.

10. Administrative Powers. Subject to the provisions of paragraph 11, the Trustees shall have full and complete power and authority to administer the trust property, including (without limitation) 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 trust 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 trust funds, including (without limitation) the authority to invest in all types of securities [other than tax exempt securities, see paragraph 3(b)], real estate, mortgages and other classes of property deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

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 the services of the University in connection with purchases and sales of securities and other properties. It is intended, however, that this Fund

Pooled Income Fund - The Ohio State University - Trust Agreement (continued)  
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 Fund and the income earned by such assets.

11. Federal Tax Requirements. The following specific prohibitions shall apply to the Fund, 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 Internal Revenue Code.

(b) The Trustees shall not make any investment in such manner as to subject the Fund to tax under Section 4944 of the Internal Revenue Code.

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

12. Duration of Trust - Amendments.

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

(b) This Trust 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 on the date first written above.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Trustees

Contribution to Pooled Income Fund

of The Ohio State University

(Instrument of Transfer)

The undersigned \_\_\_\_\_, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund under the Trust Agreement dated \_\_\_\_\_, 1970, 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 last day of \_\_\_\_\_, 197\_\_.  
(Contributions in 1970 will be accepted and valued as of December 31, 1970.)

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 Trust Agreement a copy of which, marked Exhibit A, is attached hereto and made a part hereof.

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

4. It is understood that income attributable to appreciation in the value of the property and certain other items will or may be distributed currently to the University, as provided in said Trust Agreement.

Contribution to Pooled Income Fund of The Ohio State University - Instrument of Transfer (continued)

5. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund and distributed to the University at the death of the life beneficiaries, as provided in said Trust Agreement.

6. The funds and properties severed from the Pooled Income Fund and distributed to the University at the death of the life beneficiaries shall be administered and expended by the University for the following purposes:

Signed by \_\_\_\_\_, Donor, and accepted by the Trustees of the Pooled Income Fund, as of December 31, 1970.

\_\_\_\_\_  
Donor

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Trustees

APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 18, 1970

Page 244 Blank

## The Centennial Achievement Award

The Centennial Achievement Award recognizes one hundred living alumni, former faculty or staff members, and friends of The Ohio State University for performance and leadership that have brought honor to themselves, their professions, and to this University. It might be said that those being recognized have demonstrated those qualities for which this University has labored these one hundred years.

Nominations for the Centennial Achievement Award were submitted by the faculties of the various colleges and the Graduate School. Nominees were chosen from among eminent individuals who had not previously been awarded an honorary degree or Distinguished Service Award or who are not currently active members of the faculty or staff. These nominations were then evaluated over a period of months by a committee of six members of the faculty, senior in rank and in tenure. Their final selections were in turn submitted to the University Board of Trustees for approval.

The recipients of the Centennial Achievement Award were presented with a mounted Centennial medallion and a certificate during ceremonies at the Center for Tomorrow on December 17, 1970. On the occasion of its Centennial celebration, The Ohio State University proudly greets a most distinguished contingent of those who serve.

### **NELSON E. ABRAHAMSEN, SR.,** Cleveland, Ohio

Practicing Optometrist.

B.S. in Optometry, The Ohio State University, 1930; D.O.S., Illinois College of Optometry, 1968.

Dr. Abrahamson has earned national recognition for his work in raising educational standards for colleges and schools of optometry and for implementing the Optometric Progress Fund, a national development program for the support of optometric education. A long-time member of the Council on Education of the American Optometric Association, the accrediting body for colleges and schools of optometry, he has served twice as its chairman. He has also served with distinction on the Ohio Optometry Board. He is an honorary life member of The Ohio State University Optometry Alumni Association and is chairman of the dean's Advisory Committee of the College of Optometry.

### **PHILIP R. ADAMS,** Cincinnati, Ohio

Director, Cincinnati Art Museum.

B.A., The Ohio State University, 1929; M.A., New York University, 1931; Litt. D., Miami University, 1949; L.H.D., University of Cincinnati, 1964.

Following nearly twenty years as director of the Columbus Gallery of Fine Arts, Dr. Adams became director of the Cincinnati Art Museum in 1945. His effectiveness in this role is evidenced by the community support he has enlisted in reorganizing and enlarging the museum and its permanent collection and by the fact that the recent addition to the museum has been named the Emory-Adams Wing. He served as consultant on the design of The Ohio State University Centennial Medallion.

### **DOROTHY ADKINS,** Honolulu, Hawaii

Professor and Researcher, Education Research and Development Center, University of Hawaii.

B.S. in Education 1931, Ph.D. 1937, The Ohio State University.

Dr. Adkins, among the nation's most distinguished women psychologists, is one of the few persons of her sex to hold highly responsible positions in both governmental and academic areas. Her career in government has included service as chief for Research and Test Construction for the United States Social Security Board and as policy consultant and chief of Test Development for the United States Civil Service Commission. Before joining the faculty of the University of Hawaii, she was professor and chairman of the Department of Psychology at the University of North Carolina. In addition to writing numerous articles, she is the author of texts in test construction and psychological statistics.

### **HAROLD B. ALBERTY,** Columbus, Ohio

Professor Emeritus of Curriculum and Foundations, College of Education, The Ohio State University.

Ph.B., Baldwin University, 1912; LL.B., Cleveland Law School, 1913; M.A. 1923, Ph.D. 1926, The Ohio State University.

Dr. Alberty's name is synonymous with The Ohio State University Laboratory School and the Progressive Education Association. He worked with John Dewey; served, in 1953, as a member of the Department of State Mission to Germany; and received the 1958 Shattuck Centennial Award for Advancement of Secondary Education. The author of numerous books and articles, he also edited *Educational Administration and Supervision* (1946-59). *Reorganizing the High School Curriculum*, which he co-authored, is a classic in the field.

**JOHN C. ALSTON**, Wilberforce, Ohio

Chairman, Department of Social Welfare, Central State University.  
B.A., The Ohio State University, 1937; M.A., Howard University, 1940; Ph.D., The Ohio State University, 1947.

Dr. Alston organized the Department of Social Welfare at Central State University and has served as its chairman for twenty-one years. An outstanding teacher, administrator, and researcher, he has also served as dean of the Central State University College of Arts and Sciences (1962-65). Dr. Alston has gladly given of his time and counsel to local, state, and regional welfare programs, as well as to many educational and professional associations. He is a past president and secretary of the National Association of Schools of Social Administration and has written numerous papers.

**DONALD B. ANDERSON**, Chapel Hill, North Carolina

University Professor of Botany and Consultant to the President of the University, University of North Carolina.

A.B., B.S. 1920; A.M. 1922; Ph.D. 1925, The Ohio State University.

Professor Anderson is a renowned teacher, scientific investigator, and administrator. He was a faculty member of North Carolina State College for thirty-three years and served as provost (1958-60) and vice president (1960-66) of the University of North Carolina. His research on cell wall and fiber structure pioneered in these areas, and he has published many papers in this field. His leadership has been manifest in academic affairs, in important governmental assignments, and as president of the Society of Plant Physiologists.

**RAYMOND Q. ARMINGTON**, Willoughby, Ohio

President, Triax Company.

B.I.E., The Ohio State University, 1928.

Mr. Armington is a civic leader, engineering innovator, and industry builder. He helped found the Euclid Road Machinery Company, which became the Euclid Division, General Motors. He conceived and founded Triax Automatic Storage, a system for vertical storage. Mr. Armington is chairman of the University Circle Development Foundation, of which he was a charter member. He is also a trustee of Case-Western Reserve University, director of the Cleveland Chamber of Commerce, chairman of the Greater Cleveland Education Research Council, and trustee or director of eight large businesses.

**CURTIS P. ARTZ**, Charleston, South Carolina

Professor and Chairman, Department of Surgery, Medical College of South Carolina.

B.A. 1936, M.D. 1939, The Ohio State University; M.S. (Surg.), Baylor University, 1951.

Dr. Artz is nationally recognized as an authority on burns and trauma. He was the first Shrine Professor of Surgery devoted to the care and treatment of burns at the University of Texas Medical Branch, Galveston, Texas (1963-65). He served in the Army Medical Corps from 1948 to 1956 and was commanding officer, United States Army Surgical Research Unit and chief of the Research Service at Brooke Army Medical Center, Fort Sam Houston, Texas (1953-56). An active teacher and medical administrator, Dr. Artz plays a major role in many national surgical organizations.

**RICHARD T. BAKER**, Cleveland, Ohio

Managing Partner, Ernst & Ernst.

B.S., The Ohio State University, 1939.

As managing partner, Mr. Baker coordinates all the activities of Ernst & Ernst, an international partnership of accountants and management consultants. His social concern is keen, and he has been the moving force behind the first nonrestricted businessmen's club in Cleveland. His extensive involvement in civic and professional organizations also has served as an example for others in his firm. Mr. Baker's interest in quality education in Ohio led to his appointment as one of the first nine members of the Ohio Board of Regents.

**WILLIAM M. BATTEN**, New York, New York

Chairman of the Board, J.C. Penney Company.

B.S., The Ohio State University, 1932; LL.D., Morris Harvey College, 1960; L.H.D., Marietta College, 1965; LL.D., West Virginia University, 1966.

Mr. Batten began his long career with the J.C. Penney Company during his undergraduate years at Ohio State. He has risen through the ranks from extra salesman to the company's highest office. A creative administrator with a strong belief in the abilities of young men and women, Mr. Batten has applied his talent and dynamism to many civic and professional groups, including the National Urban League, the American Retail Federation, the National Retail Merchants Association, and the National Commission on Food Marketing. He is a member of the Business Council, Washington, D.C., and a director of the American Telephone and Telegraph Company, the Boeing Company, and the First National City Bank of New York.

**THEODORE N. BECKMAN**, Columbus, Ohio

Professor Emeritus of Marketing, College of Administrative Science, The Ohio State University.

B.S. 1920, M.A. 1922, Ph.D. 1924, The Ohio State University.

An educator, researcher, and author, Dr. Beckman has pioneered in the field of marketing. He is known internationally as the author of several basic texts and an unending list of professional articles. In 1965, after serving for forty-four years on The Ohio State University faculty, he was named professor emeritus. Many of his former students have become distinguished corporate administrators and educators. Dr. Beckman has been accorded nearly every major marketing award and has served as an officer of numerous national professional organizations.

**ORVILLE G. BRIM**, Lakeville, Connecticut

Professor (Retired), College of Education, The Ohio State University.

B.S., Valparaiso University, 1907; M.A. 1911, Ph.D. 1920, Teacher's College, Columbia University.

An educator at The Ohio State University in the 1920s and 1930s, Dr. Brim strongly believed in integrating the concept of doing with learning. His innovations in elementary education included designing blocks of courses rather than subject title method courses. He was a major contributor to the beginnings of elementary teacher education on the Ohio State campus and to the establishment of University School. His pioneer work in rural education has earned him national recognition.

**PAUL W. BROWN**, Columbus, Ohio

Attorney General of Ohio.

B.A. 1937, J.D. 1939, The Ohio State University.

Justice Brown has had distinguished careers in both law and education. Following the private practice of law in Youngstown, Ohio, he joined the faculty of Youngstown University in 1946 and later was named assistant to the president of the university. From 1960 to 1964 he was judge of the Seventh District Court of Appeals of Ohio. He then served as justice of the Supreme Court of Ohio for four years and has been attorney general of the State of Ohio since 1969. He belongs to numerous organizations and professional associations. During World War II, while serving with the United States Army, he was awarded the Silver Star for bravery in action.

**ROBERT H. BRUCE**, Laramie, Wyoming

Dean, Graduate School, University of Wyoming.

B.A., The Ohio State University, 1928; M.A., University of California, 1930; Ph.D. The Ohio State University, 1932.

A leader in the fields of psychology and graduate education. Dr. Bruce has been dean of the Graduate School of the University of Wyoming since 1946. Before that he headed the university's Department of Psychology. He was chief of the Graduate Fellowship Section of the United States Office of Education (1960-61). Dr. Bruce has been a member of the Executive Committee of the Council of Graduate Schools in the United States, the Committee on Colleges and Universities of the North Central Association, the National Dental Research Council, and has served as chairman of the Western Association of Graduate Schools. He has frequently contributed to scientific journals in psychology and graduate education.

**MILTON CANIFF**, Palm Springs, California

Cartoonist.

B.F.A., The Ohio State University, 1930.

Mr. Caniff entered the cartoonist field as a high school student in Dayton, Ohio. He continued his apprenticeship while attending Ohio State, working for the *Columbus Dispatch*. After graduation he began development of the cartoon strips "Terry and the Pirates" and later "Steve Canyon." His work is carried by 350 newspapers, and his name has been commonplace for more than three decades. A staunch friend and supporter of his alma mater, Mr. Caniff designed the Centennial Medallion and was active in the planning and execution of Charter Weekend activities in March 1970.

**KENNETH E. CLARK**, Rochester, New York

Dean, College of Arts and Science, University of Rochester.

B.S. 1935, M.A. 1937, Ph.D. 1940, The Ohio State University.

A well-known educator and psychologist, Dr. Clark has had a distinguished academic career. His major fields of scholarly interest center on opinion measurement and test development, and he has contributed numerous articles to publications in these areas. Before coming to the University of Rochester in 1963, he had served for two years as dean of the College of Arts and Sciences at the University of Colorado. From 1940 to 1961 he was on the faculty of the University of Minnesota in a variety of teaching and administrative posts.

**RALPH C. DAVIS**, Columbus, Ohio

Professor Emeritus of Management, College of Administrative Science, The Ohio State University.

M.E., Cornell University, 1916; M.A., The Ohio State University, 1926; D.Sc., Wayne State University, 1964.

Widely honored and respected for his contributions to management research and education, Professor Davis retired in 1965 after thirty-nine years on The Ohio State University faculty. Few persons have made such outstanding contributions to his field. Professor Davis has earned an international reputation for his scholarly research and writing and for his development of the talents of young men and women. He also helped organize several major continuing education programs at Ohio State.

**\* FOSTER RHEA DULLES**, Dorset, Vermont

Professor Emeritus of History, College of Humanities, The Ohio State University.

B.A., Princeton University, 1921; Ph.D., Columbia University, 1940.

A nationally known historian, Dr. Dulles was a journalist and the holder of a Guggenheim Fellowship before beginning his teaching career. He was professor of history at The Ohio State University from 1941 to 1965 and served as chairman of the department for five years (1953-58). In addition to his distinguished service at Ohio State, he taught at a number of institutions including the American University, Beirut, Lebanon. Dr. Dulles was a Fulbright Lecturer at the University of Tokyo (1961-62) and served the United States State Department as a cultural exchange visitor to India and the Soviet Union. He contributed to the literature of American social and diplomatic history.

\* Deceased 9-11-70

**THOMAS E. ERVIN**, New York, New York

Executive Vice President and General Counsel, National Broadcasting Company.

B.A., The Ohio State University, 1932; LL.B., Columbia University, 1935.

One of broadcasting's leading legal figures, Mr. Ervin has had a distinguished career in the legal profession, in government service, and as an able and constructive participant in the development of responsible and effective communications media in this country. Before joining NBC in 1948, Mr. Ervin was deputy United States chief of counsel for war crimes at Nuremberg, Germany (1946-47), acting as chief prosecutor for the United States in one of the trials.

**MARTIN ESSEX**, Columbus, Ohio

Superintendent of Public Instruction, State of Ohio.

B.S. 1930, M.A. 1934, The Ohio State University; D. Pd., Baldwin-Wallace College, 1950; LL.D., University of Akron, 1958; LL.D., Ohio University, 1970.

Respected nationally as a leader in professional development, curriculum design, legislation, and school management, Dr. Essex has been closely associated with the action areas of American education. He has served as superintendent of Ohio public schools in Akron, Lakewood, East Liverpool, and Middleport, and was president of the American Association of School Administrators in 1960. As chairman of the President's Advisory Council on Vocational Education (1967-68), he directed a major national assessment of vocational education. The council's recommendations formed the framework for the Vocational Education Act of 1968.

**H. WARD EWALT, JR.**, Pittsburgh, Pennsylvania  
Practicing Optometrist.

B.S. in Optometry, The Ohio State University, 1929; D.Sc., Pennsylvania College of Optometry, 1969.

Dr. Ewalt has rendered exceptional service to optometric education and research. He was active in the formation of the Council on Education of the American Optometric Association, which accredits schools and colleges of optometry, and is a member of the National Commission on Accrediting. A past president of the American Optometric Association, he is a member of the United States Health Service Advisory Council on Education in the Health Professions and represents the College of Optometry on the Ohio State Alumni Advisory Board. He also helped organize the Sheard fund, which supports vision research at Ohio State.

**MAX M. FISHER**, Detroit, Michigan

Chairman of the Board, Fisher-New Center Company.

B.S., The Ohio State University, 1930; L.H.D., University of Israel, 1967; D.B.A., Albion College, 1968.

Mr. Fisher is the founder of the Aurora Oil Company, which merged with Marathon Oil in 1957. He is a board member of a long list of major American industries and a dedicated international philanthropist. He has served as an adviser to the State of Israel since its birth; has directed one of the country's largest urban coalition groups, New Detroit, Inc.; and has headed the United Jewish Appeal. As a special consultant to President Richard M. Nixon, Mr. Fisher was one of the organizers of the National Center for Voluntary Action.

**M. JUDAH FOLKMAN**, Boston, Massachusetts

Julia Dyckman Andrus Professor of Pediatric Surgery, Harvard Medical School; Surgeon-in-Chief, Children's Hospital Medical Center, Boston.

B.A., The Ohio State University, 1953; M.D., Harvard Medical School, 1957.

Dr. Folkman's imaginative contributions in surgical research, combined with his interest in teaching and his ability as a clinical surgeon, resulted in his appointment as professor of surgery, Harvard Medical School, and surgeon-in-chief, Children's Hospital Medical Center, Boston, at the age of 36. He has contributed many new ideas to surgery, particularly in the field of infusion of anesthetic and other drugs through siliconized rubber.

**ROBERT G. FRIEDMAN**, Tiffin, Ohio

Retired President, National Machinery Company.

M.E., Case Institute of Technology.

Through Mr. Friedman's generous support of the arts at The Ohio State University, a number of guest artists have been brought to the campus for the enrichment of students. He has had a keen interest in music since high school and has written several works, including "Cedar Point Parade," performed by The Ohio State University Marching Band in the award-winning film, *One Up Front*. Two of his compositions appear on "Time and Change," the University's Centennial recording; "When Twilight Comes," performed by the Women's Glee Club, and "Dixieland Concerto," played by the Marching Band.

**HAROLD V. GASKILL**, Washington, D.C.

Vice President-Planning, Financial General Corporation.

B.A. 1926, M.A. 1927, Ph.D. 1930, The Ohio State University.

Dr. Gaskill has had a long and successful career in the academic, governmental, and business worlds. He joined Financial General Corporation in 1962, where he deals with personnel selection and research and development. He has also been affiliated with the International Bank since 1962. Dr. Gaskill was on the faculty of Iowa State College from 1930 to 1956, serving the last twenty years of this period as dean of sciences and as scientific director of the Science Research Institute. He was chief scientist and deputy chief for research and development, United States Army (1951-52).

**PAUL R. GINGHER**, Columbus, Ohio

Partner, Gingher & Christensen; President, State Automobile Mutual Insurance Company.

Attended The Ohio State University; LL.B., University of Cincinnati, 1922.

Mr. Gingher has successfully combined four major professional and social interests throughout much of his life. He is a leader in the insurance industry; a prominent lawyer and former member of the Ohio Senate; a contributor to local, state, and national automobile association campaigns for increased automobile safety; and a leader in a variety of civic organization. An active supporter of the College of Administrative Science at The Ohio State University, he has been that college's representative to the Alumni Advisory Board.

**LEE V. GOSSICK**, Wright-Patterson Air Force Base, Ohio

Major General, United States Air Force.

B.A.E., M.Sc., The Ohio State University, 1951.

General Gossick is an outstanding military leader, pilot, administrator, and researcher. During his illustrious career he has directed and guided numerous critical military research projects. He has served in the United States Air Force as a commander, Arnold Engineering Development Center, and as chief of the Space Division, Directorate of Advanced Engineering. Since 1941 he has held various Army and Air Force assignments. He is now vice commander of the Aeronautical Systems Division of the United States Air Force (the management control point for the development and acquisition of aeronautical systems and related equipment) and concurrently serves as deputy for the F-111 fighter airplane development program. His decorations include the Air Medal, the Distinguished Flying Cross, and the Legion of Merit.

**DAVID T. GRIGGS**, Los Angeles, California

Professor of Geophysics, Institute of Geophysics and Planetary Physics, University of California at Los Angeles.

B.A. 1932, M.A. 1933, The Ohio State University.

Professor Griggs is a leader in geophysics and the physics of the materials of the earth's crust. He began his work in experimental structural geology at Ohio State and continued it at Harvard, where he was a junior fellow. His work on the deformation of rocks at high pressures and temperatures has earned him international recognition. A member of the National Academy of Sciences, he has served in many governmental and professional positions and has held office in numerous national and international organizations.

**WILLARD F. GUARD**, St. Petersburg, Florida

Professor Emeritus of Veterinary Clinical Sciences, College of Veterinary Medicine, The Ohio State University.

D.V.M., The Ohio State University, 1912.

Scrupulous adherence to sound scientific and surgical principles marked the teaching of Dr. Guard. As chairman of The Ohio State University's Department of Veterinary Surgery and Clinics, he brought clinical practices and equipment to the veterinary hospital, which made the hospital the pioneer veterinary facility of its day. His text on equine surgery is basic to veterinary education throughout the world. As a veterinarian and teacher, humanitarian and patriot, Dr. Guard championed and instilled in his students principles that will remain basic tenets of organized veterinary medicine.

**OREN BERKLEY GUM**, New Orleans, Louisiana

Professor of Medicine, Tulane University.

B.S. Agr. 1941, Ph.D. 1944, M.D. 1950, The Ohio State University.

Dr. Gum's work is characterized by unusual incisiveness because of his broad basic scientific background. His doctorate in biochemistry was based on the metabolism of trace elements in plants. After wartime service in the Radiation Laboratory at Massachusetts Institute of Technology, he earned his medical degree while doing research on the localization of radioactive cobalt in tumors. He has since become recognized as an authority on metabolic diseases, particularly arthritis; as a researcher; and as a devoted teacher of physicians. Before going to Tulane he served for several years on the faculty of the University of Colorado.

**CARL W. HALL**, Pullman, Washington

Dean, College of Engineering, Washington State University

B.S. 1948, B. Agr. E. 1948, The Ohio State University; M.M.E., University of Delaware, 1950; Ph.D., Michigan State University, 1952.

An outstanding teacher, researcher, administrator, and author, Dr. Hall went to Washington State University in 1970 after nineteen years on the faculty of the Department of Agricultural Engineering at Michigan State University; the last six years as chairman of the department. He has written seven books and contributed to eight more, as well as some 260 general and technical articles. Dr. Hall has served as a consultant for several universities and for the United Nations and has visited and worked in many countries, including Colombia, the Soviet Union, Taiwan, Ecuador, and Nigeria. Active in numerous professional organizations, he has held important offices in several.

**T. KLINE HAMILTON**, Columbus, Ohio

President, Diamond Milk Products, Inc.

Attended The Ohio State University; LL.D., Capital University.

For some forty-five years Mr. Hamilton has demonstrated unusual leadership qualities as a successful business executive; as an officer, trustee, or committeeman in a multitude of industrial, civic, and church organizations; and as a consultant, adviser, and participant in government programs at local, state, national, and international levels. He has been a delegate to two White House conferences and a United States delegate to three international Dairy Congresses. An initiator and contributor to dairy food research programs through The Ohio State University Development Fund, Mr. Hamilton helped establish the Ohio Dairy Products Research Fund in 1942 and the L. H. Burgwald Memorial Fund in 1968. He has been an influential member of the Dairy Technology Advisory Committee for Education and Research since its inception in 1964.

**ANNA EILEEN HECKART**, New York, New York

Stage, screen, and television actress.

B.A., The Ohio State University, 1942.

The recipient of numerous awards, including the New York Drama Critics *Variety* Poll Award, the Sylvania Award, and an Academy Award nomination, Miss Heckart made her professional debut in 1943. Among her many stage performances have been roles in *Picnic*, *The Bad Seed*, *A Memory of Two Mondays*, *A View from the Bridge*, *The Dark at the Top of the Stairs*, *Too True to Be Good*, *You Know I Can't Hear You When the Water's Running*, *Mother Courage*, and, currently, *Butterflies Are Free*. She appeared in The Ohio State University's 1964 Stadium Theatre production of *The Little Foxes*.

**JUDSON C. HICKEY**, Augusta, Georgia

Dean, School of Dentistry, Medical College of Georgia.

D.D.S. 1950, M.Sc. 1955, The Ohio State University.

Recognized for research and nationally known from publications and lectures, Dr. Hickey has instituted unique laboratory and clinical teaching programs in dental education. He remained on the teaching staff of Ohio State's Colleges of Dentistry and Medicine following graduation and was twice voted outstanding instructor in the College of Dentistry. He was assistant dean, College of Dentistry, University of Kentucky, before going to the Medical College of Georgia, where he developed curriculum, faculty, and plans for the original physical plant for this new college. He has contributed many articles to current literature in dentistry.

**JOSEPH S. HIMES, JR.**, Greensboro, North Carolina

Professor, Department of Sociology and Anthropology, University of North Carolina at Greensboro.

B.A. 1931, M.A. 1932, Oberlin College; Ph.D., The Ohio State University, 1942.

Dr. Himes' recent appointment to the University of North Carolina faculty follows twenty-three years as a member and chairman of the sociology faculty at North Carolina College in Durham. An outstanding scholar, he has been honored in many ways—Fulbright lectureships at Helsinki University, Finland, and Madras University, India; and a postdoctoral fellowship at the University of California (Berkeley). He is in great demand as a guest lecturer and has written two sociology textbooks. He has served on the boards of many health and welfare agencies in his home community.

**JOE R. HOFFER**, Columbus, Ohio

Executive Secretary, National Conference on Social Welfare.

B.S. 1932, Ph.D. 1942, The Ohio State University.

An international leader, social work practitioner, consultant, and social welfare administrator, Dr. Hoffer is best known for his leadership of two major social welfare organizations—the National and the International Conferences on Social Welfare, both voluntary associations of social welfare agencies and individual social welfare workers. Under his direction, the two educational forums have expanded in size and have become increasingly relevant to contemporary social issues. An expert in information retrieval, Dr. Hoffer has developed systems for classifying and indexing social welfare documents and also is a frequent consultant to national welfare commissions and projects.

**PHILIP G. HOFFMAN**, Houston, Texas  
President, University of Houston.

B.A., Pacific Union College, 1938; M.A., University of Southern California, 1942; Ph.D., The Ohio State University, 1948; L.H.D., Jacksonville University, 1962; LL.D., University of the Americas, 1965.

Dr. Hoffman has been president of the University of Houston since 1961, having formerly served that institution as professor of history, dean of faculties, and vice president. Previously he taught history at The Ohio State University; the University of Alabama; and Portland (Oreg.) State College, where he was also dean of the faculty. Dr. Hoffman has demonstrated superior qualities of administrative leadership at a time of rapid expansion and critical changes in American higher education. An active member of a number of national and regional educational organizations, he was president of the Association of Urban Universities (1965-66).

**HENRY W. HOFSTETTER**, Bloomington, Indiana  
Director, Division of Optometry, Indiana University.

B.S. in Optometry 1939. M.S. 1940. Ph.D. 1942, The Ohio State University; Sc.D., Pennsylvania College of Optometry, 1969.

Dr. Hofstetter has distinguished himself in optometric education, research, and professional service. He was the first Ohio State student to receive a Ph.D. with a major in physiological optics. Following his graduation, he joined the faculty of the School of Optometry. He was named dean of the Los Angeles College of Optometry in 1948 and became director of the Division of Optometry at Indiana University in 1952 at the inception of its program. Dr. Hofstetter has served the profession of optometry in many ways, including holding the presidency of the American Optometric Association. The International Optical League has awarded him its gold medal.

**THOMAS C. HOLY**, Prairie City, Iowa

Director Emeritus, Bureau of Educational Research, College of Education, The Ohio State University.

B.A., Des Moines College, 1919; M.A. 1922, Ph.D. 1924, State University of Iowa.

During his twenty-four years with the Bureau of Educational Research, Dr. Holy assisted hundreds of school districts throughout the State of Ohio, primarily through studies of their school building needs. He also advised Ohio State's central administration on building problems, particularly with respect to studies of utilization. After retiring in 1951, he continued to make major contributions to higher education. He was deeply involved in the development and implementation of California's master plan for higher education. Perhaps his best known writings are standards and score cards for the evaluation of school buildings and his summaries of school plant research.

**CLYDE A. HUTCHISON, JR.**, Chicago, Illinois

Carl William Eisendrath Professor of Chemistry, The University of Chicago.

A.B. 1933, D.Sc. 1953, Cedarville College; Ph.D., The Ohio State University, 1937.

Dr. Hutchison has achieved distinction particularly through his scholarly researches in electron paramagnetic resonance absorption spectroscopy. He has served The Ohio State University as consultant on academic affairs and as a member of the board of directors of the Research Foundation. A member of the National Academy of Sciences, he has served both science and education as editor of the *Journal of Chemical Physics* (1953-59), as a member of numerous important advisory committees and boards, and as consultant to several national laboratories.

**EDWARD C. JORDAN**, Urbana, Illinois

Professor and Head, Department of Electrical Engineering, University of Illinois.

B.S. 1934, M.S. 1936, University of Alberta; Ph.D., The Ohio State University, 1940.

Dr. Jordan is a distinguished educator, administrator, and active researcher, with some six books and more than sixty papers to his credit. While serving on the faculty of The Ohio State University Department of Electrical Engineering, he co-founded in 1941 what is now the ElectroScience Laboratory. A faculty member at the University of Illinois since 1945 and head of that university's Department of Electrical Engineering since 1954, he founded the Direction Finding Laboratory at Urbana in 1950. Dr. Jordan has served with distinction on several national advisory committees and has received numerous personal honors.

**RALPH E. KENT**, New York, New York

Managing Partner, Arthur Young and Company.

B.S., The Ohio State University, 1937.

Mr. Kent has been associated with Arthur Young and Company, an international accounting firm, since 1937 and became the firm's chief executive officer in 1959. He was instrumental in the creation of the Arthur Young Professorship of Accounting in Ohio State University's College of Administrative Science. As the 1969-70 president of the American Institute of Certified Public Accountants, a primary professional accounting organization, Mr. Kent has effectively moved public accounting into the forefront of professional education of minority groups by encouraging accountants to help find jobs for the hard-core unemployed, to offer advice to ghetto businessmen, and to recruit disadvantaged youths to the study of accounting.

**GEORGE W. KAUFFMAN**, Columbus, Ohio

President, Kauffman-Lattimer Company

B.A., Harvard University, 1937.

In memory of his grandfather, the first dean of the College of Pharmacy at The Ohio State University, Mr. Kauffman has sponsored the Kauffman Memorial Scholarships and the Kauffman Memorial Lectures. He has served frequently as a visiting lecturer for the Colleges of Pharmacy and Administrative Science and was one of the organizers of the Pace Setters Club in the latter college. Mr. Kauffman is a member of the Columbus community who is dedicated to civic and university development. His abilities and contributions in his field of business have led to service as president of the National Wholesale Druggists' Association and of the National Association of Wholesalers.

**WILLIAM E. KRAUSS**, Wooster, Ohio

Associate Director Emeritus, Ohio Agricultural Research and Development Center.

B.S. 1922, Ph.D. 1926, Cornell University; D.Sc., College of Wooster, 1966.

Scientist, successful research administrator, and author of studies in the areas of dairy nutrition, dairy production, and the nutritive value of dairy products. Dr. Krauss has been a leader in scientific and professional organizations throughout the United States. His advice and counsel on research have been sought in India and Brazil as well as in the United States. He was a United States delegate to the 12th International Dairy Congress in Stockholm, Sweden, in 1949; a national leader in the Agricultural Research Institute, National Academy of Sciences; and the recipient of numerous honors, including the Borden Award of the National Dairy Science Association.

**WALTER R. KRILL**, Columbus, Ohio

Dean and Professor Emeritus, College of Veterinary Medicine, The Ohio State University.

B.S. 1923, D.V.M. 1927, The Ohio State University.

During his twenty-one years as dean of the College of Veterinary Medicine, Walter Krill led the college to a position of eminence enjoyed by few other professional colleges in the nation. The research scientists, professors, and practitioners developed during his stewardship have taken their places among the world's outstanding veterinarians. Representing his profession before military and government authorities, to the general public, and in other lands, Dr. Krill has won new prestige for veterinary medicine as well as wide recognition for his college.

**FREDERIC KUDER**, Durham, North Carolina

Editor and Publisher, *Journal of Educational and Psychological Measurement*.

B.A., University of Arizona, 1925; M.A., University of Michigan, 1929; Ph.D., The Ohio State University, 1937.

Dr. Kuder has had a distinguished career in business, government, education, and publishing. He has been editor and publisher of the *Journal of Educational and Psychological Measurement* since 1941, and president of the Personnel Psychology Institute and publisher of the *Journal of Personnel Psychology* since 1948. His tests in the area of vocational interest are widely used. Other professional experience includes research associate, Procter and Gamble; the Board of Examiners, University of Chicago; United States Social Security Board, Civil Service Commission, and War Department; and professor of psychology, Duke University.

**PAUL E. LACY**, St. Louis, Missouri

Mallinckrodt Professor and Chairman, Department of Pathology, Washington University.

B.A. 1945, M.D. 1948, M.Sc. 1948, The Ohio State University; Ph.D., Mayo Foundation of the Graduate School of the University of Minnesota, 1955.

Dr. Lacy has had a brilliant record in his academic work and has established himself as an outstanding pathologist, educator, and researcher. His educational program in pathology at Washington University, where he has taught since 1956, is widely recognized as one of the best in the nation. His research work on pancreatic islet structure and function has won him acclaim and established for him a national and international reputation. For his education and research accomplishments, he has received a number of awards.

**ROBERT T. LAGEMANN**, Nashville, Tennessee

Dean, Graduate School, Vanderbilt University.

B.A., Baldwin-Wallace College, 1934; M.S., Vanderbilt University, 1935; Ph.D., The Ohio State University, 1940; D.Sc., Baldwin-Wallace College, 1962.

Dr. Lagemann has been dean of the Graduate School at Vanderbilt since 1965, after having served as Landon G. Garland Professor of Physics and chairman of the Department of Physics and Astronomy at Vanderbilt [1951-65]. Before that time he was on the faculty of Emory University for ten years. He has served as a member of the Oak Ridge Council of Nuclear Studies, chairman of the American Physics Association, and president of the Georgia Academy of Science. He has written several books and has contributed many articles to scientific journals.

**CHARLES Y. LAZARUS**, Columbus, Ohio

Chief Executive Officer, The F. & R. Lazarus Company.

B.A., Yale University, 1936; LL.D., Capital University, 1962; L.H.D., Ohio Dominican College, 1968.

Mr. Lazarus is known internationally for his many contributions to service organizations and for his innovative leadership in the field of retailing. A staunch supporter of The Ohio State University, he was instrumental in the organization of the Pace Setters Club of the College of Administrative Science. Sensitive to the problems of the times, he has served on the Governor's Advisory Committee on Civil Rights under Governor Michael V. DiSalle, as metro chairman of the National Alliance of Businessmen, and as a member of the Public Advisory Committee on United States Trade Policy. He is a former president of the American Retail Federation and the Ohio State Council of Retail Merchants.

**ROY LICHTENSTEIN**, New York, New York

Artist.

B.F.A. 1946, M.A. 1949, The Ohio State University.

Following graduation from Ohio State, Mr. Lichtenstein was appointed to the teaching faculty of the University's art department. Later he taught at New York State Teachers College in Oswego and at Rutgers University. He soon emerged as the leader of a new movement in the arts—Pop Art—and left Rutgers to establish a New York studio. His work gained international recognition, and his influence has been widely evident in the art world. In the spring of 1970 he returned to the Ohio State campus and presented several seminars in the Division of Art, reaffirming his interest in the training of young artists.

**ALAN G. LOOFBOURROW**, Detroit, Michigan

Vice President, Engineering and Research, Central Engineering, Chrysler Corporation.

B.M.E., The Ohio State University, 1934; M.E., University of Michigan, 1935; M.S.E., Chrysler Institute of Engineering, 1937.

A leading industrial executive and automotive engineer, Mr. Loofbourrow has been with Chrysler since 1935. His technical and creative abilities have resulted in thirteen patents and dozens of patent disclosures. During his technical management years he was responsible for innovations such as torsion bar suspension, push-button gearshift, power steering, two-cylinder brakes, and the creation of the Valiant. From 1943 to 1945, he was chief engineer for Chrysler's part in the Manhattan Project. Active in community affairs and in various professional organizations, his honors include The Ohio State University Lamme Medal.

**NORVAL NEIL LUXON**, Chapel Hill, North Carolina  
Professor and Dean Emeritus, School of Journalism, University of North Carolina.

B.S. 1923, M.A. 1931, The Ohio State University; Ph.D., University of California, 1940.

Norval Neil Luxon is one of the notable figures in the history of American journalism education. Between 1930 and 1970 he waged a tireless war to upgrade journalism education to recognized professional standards. Following practical newspaper experience, he became a distinguished teacher and administrator at The Ohio State University (1928-53) and later at the University of North Carolina (1953-69). He exercised vigorous leadership as chairman of the Accrediting Committee of the American Council on Education for Journalism and as president of the American Association of Schools and Departments of Journalism. Dr. Luxon has written and edited a number of books and contributed to scholarly magazines in the field of journalism.

**JAMES H. McCLURE**, Irvine, California  
Professor and Chairman, Department of Gynecology and Obstetrics, College of Medicine, University of California at Irvine.

B.A., M.D., 1950; M.M.Sc. 1954, The Ohio State University.

In addition to holding his post at the University of California (Irvine), Dr. McClure has served on the faculties of the University of Alabama, University of Illinois, Emory University, and The Ohio State University. He has demonstrated tremendous organizational knowledge and ability, as evidenced by the updating of three of the obstetric and gynecologic departments that he has headed and the revision of many mechanics of various hospitals' management of patients. He has also been instrumental in the establishment of several obstetric and gynecologic research laboratories and in furthering education in all aspects of his field. His publications listing attests to his widespread knowledge and interests.

**WILLIAM M. McCULLOCH**, Piqua, Ohio  
Member, United States House of Representatives.  
LL.B., The Ohio State University, 1925.

Mr. McCulloch, a ranking Republican committeeman, has been a member of the United States House of Representatives from the Fourth Ohio District since his election to the 80th Congress. From 1933 to 1945 he served in the Ohio House of Representatives and was House minority leader, Republican [1936-39] and Speaker of the House (1939-44). He is a member of numerous professional associations and organizations.

**CLARID F. McNEIL**, New York, New York  
Executive Director, National Assembly for Social Policy and Development, Inc.  
B.A. 1931, M.A. 1947, The Ohio State University.

A leader in the areas of social planning and administration, Mr. McNeil directs the National Assembly for Social Policy and Development, Inc., the nation's voluntary social welfare planning organization. Previously he was director of the Health and Welfare Council of Philadelphia, and from 1947 to 1954 he was director of The Ohio State University School of Social Administration. Mr. McNeil has devoted his career to examining social problems, developing social welfare personnel, setting standards for service, and creating new ways for better service to people. He has shared his knowledge through publication in many professional journals.

**DONALD J. McPHERSON**, Oakland, California  
Vice President and Director of Technology, Kaiser Aluminum and Chemical Corporation.  
B.Met.E. 1943, M.Sc. 1947, Ph.D. 1949, The Ohio State University.

Before joining Kaiser in 1969, Dr. McPherson had been associated with the Illinois Institute of Technology Research Institute for nineteen years, serving as vice president from 1963 to 1969. He is ranked as one of the nation's leading authorities on metallurgy, particularly on titanium alloys. His contributions in metallurgical research and development have led to significant and lasting advances in a wide range of materials necessary to the successful functioning of the society and the economy. He has, in addition, been an aggressive and effective participant in the development of young scientific talent and a strong advocate of the stimulation and dissemination of technological knowledge generally.

**ROBERT W. MINOR**, Columbus, Ohio  
Attorney.  
B.A. 1940, J.D. 1948, The Ohio State University.

Mr. Minor was admitted to the Ohio Bar in 1949 and to the United States Supreme Court Bar in 1952. He was administrative assistant to United States Senator John W. Bricker (1949-53); was appointed first assistant deputy attorney general, United States Department of Justice, in 1953; and served as a commissioner of the Interstate Commerce Commission in 1956. Mr. Minor joined the New York Central Railroad in 1958 as vice president, law, and in 1967 became vice president, executive department. When New York Central merged with the Pennsylvania Railroad, he was named senior vice president for the new organization. Early in 1971 he will join the Columbus law firm of Vorys, Sater, Seymour & Pease.

**IRA W. MOOMAW**, Sebring, Florida  
Retired Executive Secretary, Agricultural Missions, Inc., and Rural Missions Cooperating Committee.  
A.B., Manchester College, 1920; M.S. 1921, Ph.D. 1940, The Ohio State University.

One of the truly renowned agricultural missionaries in the world, Dr. Moomaw has devoted his life to the service of people. When he retired in 1962, he was executive secretary of Agricultural Missions, Inc., and the Rural Missions Cooperating Committee, having served both of these organizations since 1946. The Indian government has awarded him the Kaiser-I-Hind Gold Medal in recognition of sixteen years of outstanding service. Other missionary activities took him into Southern Asia, the Middle East, Africa, and Latin America. Dr. Moomaw is the author of two books on world hunger.

**CARL V. MOORE**, St. Louis, Missouri  
Busch Professor of Medicine and Chairman, Department of Internal Medicine, Washington University.  
B.A. 1928, M.D. 1932, Washington University; LL.D., Elmhurst College, 1955.

Following his training in his formative years at The Ohio State University (1935-38), Dr. Moore moved on to become a leading figure in hematologic research. He has made outstanding contributions in clinical and laboratory investigations and in the organizational and educational councils that determine the direction of medicine. He has become a distinguished medical educator, and increasingly wider circles recognize him as a leader in American science and education. He has recently been elected to membership in the National Academy of Sciences.

**GEORGE I. NELSON**, Columbus, Ohio

Professor Emeritus of Medicine, College of Medicine, The Ohio State University.

B.S., Iowa State College, 1918; M.D., State University of Iowa, 1923.

For four decades Dr. Nelson was an outstanding teacher of clinical medicine at The Ohio State University, stimulating countless medical students and house officers with his keen perception of and ability to solve complex problems of disease. By his example he has had a great influence on the quality of medical care. His outstanding performance and service have won him the gratitude and profound respect and admiration of students, faculty, and colleagues alike. He utilized clinically (in University Hospital) the first electrocardiograph in the central Ohio area and was chiefly responsible for establishing electrocardiography here as a clinical technique in the study of heart disease.

**MILDRED E. NEWTON**, San Francisco, California

Professor and Director Emeritus, School of Nursing, College of Medicine, The Ohio State University.

B.S., Northwestern University, 1924; M.A., University of Southern California, 1932; Ed.D., Stanford University, 1949.

During the seventeen years of her leadership as director of the School of Nursing at The Ohio State University, Dr. Newton enabled the school to achieve a place among the distinguished schools of nursing in this country. As a teacher for forty years—in Ohio and in California—she has been an inspiration to thousands of students. She has been a leader in national organizations and standard setting in nursing, is co-author of several books and author of more than fifty articles, consultant to dozens of universities and an educational consultant to numerous government agencies, and recipient of seven national honors.

**C. WILLIAM O'NEILL**, Columbus, Ohio

Chief Justice, The Supreme Court of Ohio.

B.A., Marietta College, 1938; J.D., The Ohio State University, 1942; L.H.D., Marietta College, 1953.

Chief Justice O'Neill has had a distinguished career in the legislative, executive, and judicial branches of government of the State of Ohio. His appointment in 1970 as chief justice followed ten years as a justice to the Supreme Court of Ohio. He was governor of Ohio (1957-58); attorney general (1951-57); and a member of the Ohio House of Representatives from 1939 to 1950, during which period he served as Speaker of the House for two years and as minority leader for two years. While practicing law in Marietta, Ohio, early in his career, he was also an instructor in political science at Marietta College. Later he was a professor of public affairs at Bethany (W. Va.) College.

**LELA O'TOOLE**, Stillwater, Oklahoma

Dean, Division of Home Economics, Oklahoma State University.

B.S.Ed. 1935, B.S. 1939, M.S. 1941, Oklahoma State University; Ph.D., The Ohio State University, 1949.

Dr. O'Toole has made a significant contribution to the development of home economics at national and international levels. Currently she is vice president of the International Federation of Home Economists and president of the American Home Economics Association—the world's two most important organizations of home economists. Dr. O'Toole was the only woman on the twelve-member National Council on Vocational-Technical Education appointed by President Johnson in 1968. She has served as consultant to educational programs in the United States and abroad and is well known as a speaker and writer.

**J. BOYD PAGE**, Washington, D.C.

President, Council of Graduate Schools in the United States.

B.S., Brigham Young University, 1936; M.A., University of Missouri, 1937; Ph.D., The Ohio State University, 1940.

Recognized as a leading college administrator, Dr. Page was elected president of the Council of Graduate Schools in the United States in 1970. While he was at The Ohio State University (1943-50), Dr. Page was recognized for his excellent teaching and research program in soil physics and soil physical chemistry. Following that tenure, he served on the faculty of Texas A & M (1950-60), the last three years as dean of the Graduate School. From 1960 to 1970 he was professor of agronomy and dean of the Graduate School of Iowa State University. Dr. Page is also known nationally and internationally as a soil scientist. He received the American Society of Agronomy's Stevenson Award in soil research in 1953, and he is a fellow of the American Society of Agronomy.

**ROY J. PLUNKETT**, Wilmington, Delaware

Director of Operations, "Freon" Products Division, E. I. du Pont de Nemours & Company.

A.B. 1932, D.Sc. 1952, Manchester College; M.Sc. 1933, Ph.D. 1936, The Ohio State University.

Dr. Plunkett is widely recognized for exceptional success in industrial chemical research. Two years after joining the du Pont Company in 1936, he made the scientific discovery of the miracle polymer Teflon. He has made major contributions to chemistry in the areas of fluorination, fluorocarbons, tetraethyl lead, and dyestuffs (especially in the production of anthraquinone colors). Dr. Plunkett has held a number of administrative positions in the Jackson Laboratory of the Organic Chemicals Department of du Pont. He has received the John Scott Award and the Modern Pioneer Award of the National Association of Manufacturers for his contributions to science and technology.

**PHILIP W. PORTER**, Shaker Heights, Ohio

Retired Executive Editor, *The Plain Dealer*, Cleveland.

B.S., The Ohio State University, 1922.

Mr. Porter stands among the illustrious figures in the history of Ohio journalism. At the time of his retirement a few years ago, he was executive editor of the Cleveland, Ohio, *Plain Dealer*, where he began his service in 1922. He took his first job in journalism as a staff member for the old *Cleveland Leader* in 1917. Mr. Porter spent forty-five active years in journalism as a specialist in politics and political writing. He continues his interest in The Ohio State University School of Journalism as a member of its Professional Advisory Council, having acted as chairman of that group for many years.

**CYRIL R. PORTHOUSE**, Kent, Ohio

President, Pyramid International, Inc.; Vice President, Questor Corporation.

B.Ch.E. 1932, M.Sc. 1933, The Ohio State University.

Mr. Porthouse is an industrial innovator and civic leader whose engineering ingenuity and creative business abilities have made Pyramid International, Inc., the largest producer of infant feeding equipment in the nation. A sizeable integrated complex of related industries has evolved through his efforts, and he serves as director of eleven such corporations. Mr. Porthouse is a trustee of Kent State University and president and trustee of the Porthouse Foundation. He served on President Eisenhower's Youth Fitness Committee and is a member of the local, state, and national Chambers of Commerce.

**EDWARD JAMES QUILLIGAN**, Los Angeles, California

Professor and Chairman, Department of Obstetrics and Gynecology, University of Southern California.

B.A. 1947, M.D. 1951, The Ohio State University.

Before moving to the University of Southern California in 1969, Dr. Quilligan was chairman of the Department of Obstetrics and Gynecology at Yale University for three years. Earlier he taught at the University of California at Los Angeles and at Western Reserve University. Dr. Quilligan has been active in the field of physician examination through the American Board of Obstetrics and Gynecology and the National Board of Medical Examiners. His participation in numerous medical societies throughout the country and his contributions to the field of obstetrics and gynecology have brought him many honors. He is on the board of directors of the Community Health Care Center Plan.

**WALTER C. RECKLESS**, Columbus, Ohio

Professor Emeritus of Sociology, College of Social and Behavioral Sciences, The Ohio State University.

Ph.B. 1921, Ph.D. 1925, University of Chicago.

A pioneer in the field of crime and delinquency. Professor Reckless is a most distinguished and renowned sociologist. A prolific author of books, monographs, and articles; an indefatigable researcher; and an inspiring and dedicated teacher, he has made impressive contributions to the theory and practice in the discipline during his twenty-nine years at The Ohio State University. No criminologist has done more to insure that juvenile and adult correctional systems are just, innovative, humane, and therapeutic. A recipient of many honors and awards, and justly acclaimed for his work both here and abroad. Professor Reckless has exercised the highest standards of teaching, research, and service inherent in the academic calling.

**RAYMOND REISER**, College Station, Texas

Distinguished Professor of Biochemistry and Biophysics, Texas A & M University.

A.B., Western Reserve University, 1929; Ph.D., The Ohio State University, 1936.

An authority on the biochemistry and metabolism of lipids. Professor Reiser has made significant contributions to knowledge on the structure of fat, the nutritional properties of essential fatty acids, and insect nutrition and metabolism. His leadership has been recognized in academic and scientific affairs, and he has received several national awards for his work. Professor Reiser recently was president of the American Oil Chemists Society and has served on national committees and editorial boards of a number of scientific organizations.

**HARVEY MITCHELL RICE**, New York New York

Retired College and University President; Vice President, Independent College Funds of America, Inc.

A.B. 1929, LL.D. 1961, Concord College; M.A., West Virginia University, 1933; Ph.D., The Ohio State University, 1938.

For twenty-one years Dr. Rice served with distinction as a college or university president. He was president of the State University College of Education, Oswego, New York (1947-51); the State University College of Education, Buffalo, New York (1951-58); and Macalester College, Saint Paul, Minnesota (1958-68). Dr. Rice began his academic career as a teacher of history at The Ohio State University. An outstanding contributor in the fields of American history and academic administration, he is the author of a number of books and articles. In addition, he has served a long list of professional and civic organizations.

**DAVID C. RIFE**, Gainesville, Florida

Professor of Genetics, University of Florida.

B.S., Cedarville College, 1922; B.S. Agr. 1923, M.A. 1931, Ph.D. 1933, The Ohio State University.

A long-time member of The Ohio State University faculty, Dr. Rife was primarily responsible for the formation of the Institute of Genetics, which assisted in coordinating genetics teaching and research on this campus. He spent two Fulbright years of teaching and research in Egypt and Uganda. As adviser to the United States State Department, he organized livestock breeding programs in Thailand and served as a scientific attache in India. Dr. Rife's career epitomizes the projection of theoretical genetics into the most difficult applied areas. Although better known for his work in human genetics, he has made significant contributions in the genetics of *Coleus*. He is the author of several books.

**JAMES R. RILEY**, Columbus, Ohio

President, Suburban Motor Freight.

Attended The Ohio State University, LL.D., Otterbein College, 1964.

Mr. Riley has significantly advanced the field of transportation through his creative approach to problems, his service as a lecturer in transportation and as an officer of nearly every professional association in the field, and his endowment of a professorship in transportation at The Ohio State University. Innumerable civic and service organizations have received Mr. Riley's assistance, and he has developed new avenues for service. Among his numerous awards are the YMCA Distinguished Service Award and the Brotherhood Leader Award of the National Conference of Christians and Jews.

**HAMILTON B. G. ROBINSON**, Kansas City, Missouri

Dean, School of Dentistry, University of Missouri-Kansas City, D.D.S., University of Pennsylvania, 1934; M.S., University of Rochester, 1936.

An internationally known oral pathologist, researcher, writer, and speaker, Dr. Robinson was associate dean of Ohio State's College of Dentistry before going to Missouri in 1958. He is one of the country's outstanding administrators and educators in dentistry and has contributed significantly to education in general through his many publications and his contributions to curriculum outside of dentistry. He has been a consultant to the United States Public Health Service and the Department of Health, Education, and Welfare; has held national office in a number of important professional organizations; and is the 1970 chairman of the Council of the Federation of Associations of Schools of the Health Professions.

**DAVID E. ROGERS**, Baltimore, Maryland

Dean of the Medical Faculty, The Johns Hopkins University School of Medicine.

Attended The Ohio State University; M.D., Cornell University, 1948.

Early in his career Dr. Rogers became established as an outstanding investigator in the field of infectious diseases. As a young man, he proceeded rapidly up the academic ladder. He was on the faculty at Cornell University. Later, as professor and chairman of the Department of Medicine at Vanderbilt University, he became a leader in American medical education. As one of the younger statesmen in academic medicine, he is dean of the Medical Faculty at the prestigious Johns Hopkins University, a medical institution of international status. He has been active in a number of scientific and educational societies in the field of medicine and has contributed numerous articles to medical literature.

**EUGENE H. ROSEBOOM**, Columbus, Ohio

Professor Emeritus of History, College of Humanities, The Ohio State University.

B.A. 1914, M.A. 1916, The Ohio State University; Ph.D., Harvard University, 1932.

Before his retirement in 1963, Professor Roseboom taught history at The Ohio State University for forty-four years. He has been a foremost authority on the history of Ohio and on the history of elections in the United States. He is the author of a detailed study of Ohio between 1850 and 1873 and is the co-author of the *History of Ohio*, used in more than a score of Ohio colleges. His *History of Presidential Elections* is consulted as authoritative by scholars, news media personnel, and laymen.

**FREDERICK GALE RUFFNER, JR.**, Detroit, Michigan

President, Gale Research Company.

B.S., The Ohio State University, 1950.

Mr. Ruffner is the founder and president of the Gale Research Company, a leading American publisher of reference books. Such reference tools as the *Encyclopedia of Associations*, the *Research Centers Directory*, and other essential directories, indexes, and bibliographies are in constant use by librarians, research scholars, and executives throughout the world for the location of accurate, up-to-date information. As a publisher and editor, Mr. Ruffner has made important contributions to solving the problems of the present-day information explosion, and he has given generous support to The Ohio State University Libraries.

**MITSUGI SATOW**, Tokyo, Japan

Chairman of the Board, Snow Brand Milk Products Company, Ltd.

B.S. 1921, M.S. 1922, The Ohio State University.

Mr. Satow was a pioneer and developer of Japan's dairy foods industry. He has made significant contributions to international, national, and civic affairs and is dedicated to the creation of good will and understanding among men and between nations. He has represented his government at various international congresses and on numerous trade missions to other countries. For his services as a member of government commissions and boards, as a trustee of educational institutions, and as an officer or director of numerous commercial concerns and associations, Mr. Satow has been honored repeatedly by his government, his community, industrial groups, and educational institutions, in both Japan and the United States. He is the recipient of the Emperor's Sacred Treasure Decoration.

**WILLIAM B. SAXBE**, Mechanicsburg, Ohio

Member, United States Senate.

B.A. 1940, LL.B. 1948, The Ohio State University; LL.D., Central State University, 1957.

Senator Saxbe was for a number of years a prominent figure in the legislative and executive branches of Ohio government before his election to the United States Senate. He served the State of Ohio as attorney general in 1957-58 and again from 1963 to 1968. A member of the Ohio General Assembly for several terms, he was majority leader of the House of Representatives (1951-52) and Speaker of the House (1953-54). He holds membership in numerous associations and organizations.

**WILLIAM J. SCHULL**, Ann Arbor, Michigan

Professor of Human Genetics, University of Michigan.

B.S. 1946, M.S. 1947, Marquette University; Ph.D., The Ohio State University, 1949.

An authority on the genetic effects of ionizing radiations, Dr. Schull continues to serve as a consultant on human genetics to national and international agencies. He has achieved an international reputation as a result of his leadership as head of the Department of Genetics of the Atomic Bomb Casualty Commission and through his teaching and research at the University of Michigan. He and his students have made many contributions in the effects of inbreeding on the genetic burden in population and on the use of computers to simulate evolution in small human populations.

**ARTHUR E. SCHWARTING**, Storrs, Connecticut

Dean, School of Pharmacy, The University of Connecticut.

B.S., South Dakota State University, 1940; Ph.D., The Ohio State University, 1943.

A noted teacher, researcher, and writer, Dr. Schwarting obtained the first Ph.D. from The Ohio State University College of Pharmacy. He is internationally known in the area of pharmacognosy and natural product chemistry. He is the editor of *Lloydia*, journal of the American Society of Pharmacognosy, which he helped found; was the first chairman of the Pharmacognosy and Natural Products Section of the Academy of Pharmaceutical Sciences; and received the Research Achievement Award from the American Pharmaceutical Association Foundation and the University of Connecticut Alumni Association Award for Faculty Excellence in Research.

**PAUL B. SEARS**, Taos, New Mexico

Professor Emeritus of Conservation, Yale University.

B.S., Ohio Wesleyan University, 1913; B.S. 1914, M.S. 1915, University of Nebraska; Ph.D., University of Chicago, 1922.

One of the most respected and honored ecologists in America today, Professor Sears began his teaching career at The Ohio State University and taught at the University of Nebraska, the University of Oklahoma, and Oberlin College before going to Yale in 1950. He has devoted his life to furthering man's understanding of the delicately balanced ecosystems on which our very survival exists. His ability to explain complex environmental problems clearly and simply has alerted his colleagues, students, and fellow citizens to past ecological fiascoes, present problems, and impending environmental crises.

**WILLIAM G. SHAFER**, Indianapolis, Indiana

Professor and Chairman, Department of Oral Pathology, Indiana University.

B.S., University of Toledo, 1943; D.D.S., The Ohio State University, 1947; M.S., University of Rochester, 1949.

A diplomate of the American Board of Oral Pathology and a past president of the American Academy of Oral Pathology, Dr. Shafer is recognized by his students and peers not only as an outstanding teacher and lecturer but as one who has contributed significantly to advances in dental education. He is the author of a textbook on oral pathology and more than one hundred articles in current dental and medical journals. Since 1960 Dr. Shafer has been consultant in oral pathology to the surgeon general of the United States Air Force. He has taught at Indiana University since 1950.

**CARROLL L. SHARTLE**, Columbus, Ohio

Professor Emeritus of Psychology, College of Social and Behavioral Sciences, The Ohio State University.

B.S., Iowa State Teachers College, 1927; M.A., Columbia University, 1932; Ph.D., The Ohio State University, 1933.

Dr. Shartle has had a distinguished governmental and academic career. His federal government service included positions with the Department of Labor, Social Security Board, and Employment Service. He returned to the academic world in 1944 as professor of psychology and chairman of the Personnel Research Board at The Ohio State University and later served as associate dean of the College of Commerce. During leaves of absence from the University, he made important contributions to the United States Air Force Human Resources Research Institute and later to the United States Department of Defense as chief of the Psychology and Social Sciences Division. Dr. Shartle's book, *Leadership*, is internationally recognized as a classic.

**BYRON T. SHAW**, Port Charlotte, Florida

Administrator (Retired), Agricultural Research Service, United States Department of Agriculture.

B.S., Utah State Agricultural College, 1930; M.S., Brigham Young University, 1937; Ph.D., The Ohio State University, 1940.

Dr. Shaw is recognized nationally as a scholar in the field of soil science. His research on water relations in soil and soil structure has provided a basis for much of the present-day research in these areas. He served with distinction as associate professor of agronomy at The Ohio State University and as agronomist for the United States Department of Agriculture. In 1952 he was appointed agricultural research administrator, United States Department of Agriculture, where he compiled an enviable record of administrative achievements. He was editor of the book, *Soil Physical Conditions and Plant Growth*.

**HARRY H. SISLER**, Gainesville, Florida

Executive Vice President, University of Florida.

B.S., The Ohio State University, 1936; M.S. 1937, Ph.D. 1939, University of Illinois.

Dr. Sisler is an outstanding teacher, scholar-researcher, author, and leader in the field of chemistry, and is widely known for his excellent textbooks and numerous published researches in inorganic chemistry. Before joining the University of Florida in 1956 as chairman of the Department of Chemistry, Dr. Sisler taught at the Chicago City Colleges, University of Kansas, and The Ohio State University. In addition to his academic responsibilities, he has served as a consultant to industry and government agencies and as a visiting scientist and lecturer for the National Science Foundation. His contributions to chemistry and higher education have brought him many honors.

**EDWARD E. SLOWTER**, Columbus, Ohio

Vice President, Battelle Memorial Institute.

B.Ch.E. 1934, M.Sc. 1935, Ch.E. 1939, The Ohio State University.

A research administrator, civic leader, and engineering innovator, Mr. Slowter has been associated with Battelle Memorial Institute since 1934. He has played a key role in the success and growth of Battelle through his technical and organizational abilities, for which he has become known internationally. He contributed importantly to the Battelle management group that assisted the Republic of Korea in establishing and operating the Korea Institute of Technology. He has done creative research on the effects of controlled atmospheres on alloy and carbon steels when new heat treating methods were emerging, and he holds several patents. Mr. Slowter has willingly served his profession and his community as an active participant in professional and civic organizations.

**ARTHUR H. SMITH**, Detroit, Michigan

Emeritus Professor and Head, Department of Physiological Chemistry, Wayne State University.

B.S. 1915, M.S. 1916, The Ohio State University; Ph.D., Yale University, 1920.

Professor Smith's career at Yale and Wayne State spans the development of the sciences of nutrition and biochemistry. A university professor in the finest tradition, he and his students have made outstanding contributions to our present knowledge of human nutrition, intermediary metabolism, water balance, and minerals. Professor Smith was a charter member of the American Institute of Nutrition and later served as its president. His honors include the Borden Prize in Nutrition. He has been active in civic affairs and is a leader in the scientific community, serving on numerous boards and committees for government agencies and professional groups.

**GUY-HAROLD SMITH**, Columbus, Ohio

Professor Emeritus of Geography, College of Social and Behavioral Sciences, The Ohio State University.

Ph.B. 1921, Ph.D. 1927, University of Wisconsin.

Professor Guy-Harold Smith has served The Ohio State University with unusual distinction as a scholar, teacher, and administrator. His cartographic work on slope and population maps has made an important contribution to geographic research. He has done pioneering work in conservation and has edited one of the leading texts in that field. For twenty-nine years he served as chairman of the Department of Geography which, under his guidance, became one of the leading graduate departments in the country.

**\*DOUGLAS R. STANFIELD**, Columbus, Ohio

Executive Vice President (Retired), Ohio Farm Bureau Federation.  
B.S. 1927, M.A. 1934, The Ohio State University.

Douglas R. Stanfield is remembered as a successful executive and respected humanitarian. He was a leader of state and national programs dedicated to the improvement of agriculture in Ohio and throughout the nation. As executive vice president of the Ohio Farm Bureau Federation, he demonstrated unique ability to work effectively with executive, legislative, and judicial branches of state government and exhibited superb diplomacy in working with both political parties at state and national levels in securing the passage of legislation beneficial not only to agriculture but to all citizens.

\* Deceased 1-26-70

**VICTOR L. STEFFEL**, Columbus, Ohio

Professor Emeritus of Prosthetics, College of Dentistry, The Ohio State University.

D.D.S., The Ohio State University, 1926; F.A.C.D., 1946; F.A.D.P., 1950.

Dr. Steffel joined the faculty of the College of Dentistry in 1926 and served continuously in the Division of Prosthetics until his retirement in 1967. The author of *Principals and Techniques on Partial Denture Construction* (1969), Dr. Steffel helped develop the American Association for Cleft Palate Rehabilitation; served for six years on the National Board of Dental Examiners; and for sixteen years was consultant in dentistry in the Veterans Administration. He was elected fellow in both the American College of Dentists and the Academy of Denture Prosthetics. He has contributed much to his community through his efforts for the United Appeal and the Optomist Club.

**FERDINAND F. STONE**, New Orleans, Louisiana

Professor of Law and Director, Institute of Comparative Law, Tulane University.

B.A. 1930, M.A. 1931, The Ohio State University; B.A. in Jurisprudence 1933, B.C.L. 1934, M.A. 1947, Oxford University (Rhodes Scholar); S.J.D., Yale University, 1936.

Dr. Stone's career in legal scholarship and teaching has been rich, varied, and fruitful. He has served as a member of the legal staff of the United States Supreme Court Advisory Committee on Rules and Procedures. He has taught at Tulane since 1937 and has been a visiting professor of law at several ranking European universities. He also did a comparative law study in Europe under a Rockefeller grant. The author of several well-known books and articles in the field of law, Dr. Stone has been awarded the Medal of Homage from the Free University of Brussels and a Doctor Honoris Causa degree from Grenoble University.

**T. SCOTT SUTTON**, Columbus, Ohio

Associate Dean Emeritus, College of Agriculture and Home Economics, The Ohio State University.

B.S. 1928, M.S. 1929, Ph.D. 1934, The Ohio State University.

An outstanding scientist, respected teacher, and successful administrator, Dean Sutton has held various posts during his thirty-eight years at The Ohio State University. His positions have included chairmanships in two departments, agricultural biochemistry (1948-51) and animal science (1951-55). While he was associate dean of the College of Agriculture and Home Economics (1957-67), Dean Sutton was also assistant director of the Ohio Agricultural Research and Development Center at Wooster. An authority on the nutrition of newborn animals, he has received awards from the American Feed Manufacturers and the Distillers Feed Research Council. He has been a leader in establishing agricultural universities in India and was program leader for the first OSU/AID Mission to India (1955-57). Since his retirement, he has served two years as the executive director of the Council of the United States Universities in India.

**PAUL TAYLOR**, New York, New York

Director, Paul Taylor Dance Company.

Attended Juilliard, Connecticut College School of Dance, Martha Graham School of Contemporary Dance.

Internationally known as a dancer, choreographer, and teacher, Mr. Taylor has conducted master classes and has served as guest artist for the Division of Dance at The Ohio State University. Three Ohio State graduates are included in the membership of his company. Mr. Taylor appeared as lead soloist with the Martha Graham Company (1955-61) and has also performed with the companies of Merce Cunningham, Pearl Lang, and Anna Sokolow. He established the Paul Taylor Dance Company in 1955 and with the company has made fourteen foreign tours, four of which were sponsored by the United States State Department.

**WILLIAM VAN TIL**, Terre Haute, Indiana

Coffman Distinguished Professor in Education, Indiana State University.

B.A. 1933, M.A. 1935, Columbia University; Ph.D., The Ohio State University, 1946.

Dr. Van Til has long been a leader in the field of education, with particular service to secondary education. Before joining the faculty of Indiana State University, he held a variety of teaching and administrative positions at New York University, George Peabody College for Teachers, University of Illinois, and The Ohio State University. In addition to numerous contributions to the literature of education, Dr. Van Til has also been distinguished as a leader in professional organizations, having served as president of the Association for Supervision and Curriculum Development, the John Dewey Society, and the National Society of College Teachers of Education.

**JOHN G. WAGNER**, Ann Arbor, Michigan

Professor of Pharmacy and Assistant Director for Research and Development of Pharmacy Service, University Hospital, University of Michigan.

Ph.M.B., University of Toronto, 1947; B.S.P. 1948, B.A. 1949, University of Saskatchewan; Ph.D., The Ohio State University, 1952.

Dr. Wagner has made major contributions in the area of pharmaceutical development of drugs, in both industrial and academic areas. He holds patents on some of the processes involved in the enteric coating of tablets and capsules. In recent years he has contributed markedly to the area of biopharmaceutics and pharmacokinetics. In recognition of his accomplishments, Dr. Wagner received one of the Dr. William E. Upjohn Awards and the coveted Ebert Prize, awarded by the American Pharmaceutical Association. He went to the University of Michigan in 1968, following fifteen years with the Upjohn Company.

**EVERETT WALTERS**, Boston, Massachusetts

Senior Vice President and Dean of Faculties, Boston University. A.B., University of Cincinnati, 1936; M.A. 1940, Ph.D. 1947, Columbia University.

Before going to Boston University in 1963, Dr. Walters had been associated with The Ohio State University for seventeen years as a member of the faculty in history and as dean (1957-63) of the Graduate School. As chairman of the editorial board, he was instrumental in formulating the new Ohio State University Press. Dr. Walters has served as chairman of the Graduate Conference on Graduate Study and Research, director of the Graduate Academic Programs Branch of the United States Office of Education, and editor of the *Proceedings of the Association of Graduate Schools* and of *Graduate Education Today*. He has contributed articles to many learned journals on history and higher education.

**HARRY B. WARNER**, Akron, Ohio

President, B.F. Goodrich Company.  
B.Ch.E. 1938, M.Sc. 1939, Ch.E. 1947, The Ohio State University.

Mr. Warner is a distinguished chemical engineer, businessman, and civic leader with concern for urban renewal, hospital administration, and engineering education. Through technical and managerial leadership, he played a major role in making the B.F. Goodrich Company the largest producer of poly (vinyl chloride) resin, nitrile, and synthetic rubber. Mr. Warner, who has been with Goodrich since 1939, contributed importantly to the development of synthetic natural rubber, a milestone in rubber technology. He helped advance an international program for expanding technology and marketing plastics and rubber for forty foreign companies in one hundred countries. In addition to his many corporate responsibilities, Mr. Warner has been active in professional and civic affairs.

**JOHN ROBERT WHITAKER**, Davis, California

Professor of Food Science and Technology and Biochemist, University of California at Davis.

A.B., Berea College, 1951; Ph.D., The Ohio State University, 1954.

Professor Whitaker became interested in enzymes while working for his doctorate, when he demonstrated that a synthetic organic resin had catalytic properties similar to some natural enzymes. He has made outstanding contributions on the mode of action of proteases, protein molecular weight determinations, and purification of proteins by chromatography and gel electrophoresis, in which field he is the author of an authoritative treatise. In addition to his scientific contributions, Professor Whitaker is highly respected as a teacher and academic leader.

**KENNETH B. WOODS**, Lafayette, Indiana

Guss Professor of Engineering, Purdue University.  
B.C.E. 1932, C.E. 1937, The Ohio State University.

An international authority on soils and foundations, Professor Woods did early research on permafrost, formulated much of the ground theory for soil mechanics at low temperatures, and pioneered in the use of photogrammetry to survey and identify soil formations and distributions. He has directed significant research on highway design problems and has led national advances in highway engineering. As an international consultant on highway problems, he has visited Alaska, Canada, Greenland, and the Arctic Islands. Professor Woods has taught at Purdue since 1939 and was head of the School of Engineering and director of the Joint Highways Research Project (1954-65).

**W. HAYES YEAGER**, Columbus, Ohio

Professor and Chairman Emeritus of Speech, College of Social and Behavioral Sciences, The Ohio State University.

B.A. 1919, M.A. 1926, The Ohio State University; LL.D., Morris Harvey College, 1956.

For twenty-three years Professor Yeager served as professor and chairman of the Department of Speech at The Ohio State University. Early in his career he taught at the University of Illinois, leaving the post to become executive officer of the Department of Speech at George Washington University (1929-45). He acted as a communications consultant to the United States Air Force from 1953 to 1956. National acclaim and recognition by his peers brought him the presidency of the Speech Association of America. Professor Yeager has authored a number of textbooks and many professional articles.

**FREDERICK P. ZUSPAN**, Chicago, Illinois

Joseph Boliver DeLee Professor and Chairman, Department of Obstetrics and Gynecology, University of Chicago; Obstetrician/Gynecologist-In-Chief, Chicago Lying-In Hospital.

B.A. 1947, M.D. 1951, The Ohio State University.

Dr. Zyspan is active in the fields of medical education and research. His concern with human reproductive physiology has led to many pertinent discoveries, including new methods of analysis of epinephrine and norepinephrine in pregnant patients. He continues to pursue improvement of medical education, and his publications cover a wide span of knowledge in obstetrics and gynecology. He is a member of the editorial board of *Excerpta Medica* and editor of *Lying-In. The Journal of Reproductive Medicine*. Dr. Zyspan taught at the Medical College of Georgia and at Western Reserve University before joining the faculty of the University of Chicago.

## Graduate School

Dean: Arliss Roaden

### Doctor of Philosophy

One hundred and sixty-nine candidates

Warren Ray Aiken, Columbus

A.B. (Heidelberg College); M.A.

*Dissertation*: Toward a Learning System for Medical Education

*Field of Specialization*: Education

Hasan Akdemir, Skokie, Ill.

A.B., M.A. in Educ. (University of Kentucky)

*Dissertation*: Developing a Testing Program for Educational Development in Turkey

*Field of Specialization*: Education

Saleh Hamdan Al-Nasser, Baghdad, Iraq

*Dissertation*: The Correlates of Educational Development in Iraq, Syria, and United Arab Republic

*Field of Specialization*: Education

Beverly Byrd Archer, Tallahassee, Fla.

B.S. (Virginia State College); M.S. (Iowa State University)

*Dissertation*: Agricultural Work Experience Programs for Academically Handicapped Youth in Secondary Schools

*Field of Specialization*: Agricultural Education

Barbara Nottingham Armstrong, Newark

B.S.H.E., M.Ho.Ec. (West Virginia University)

*Dissertation*: A Comparison of the Attitudes and Adjustment of Middlescent Mothers, and their Ninth and Tenth Grade Adolescents

*Field of Specialization*: Home Economics

Nancy Ann Barclay, Scottsdale, Pa.

B.S. in H. Econ. (Carnegie-Mellon University); M.S. (Pennsylvania State University)

*Dissertation*: Organizing of Household Activities by Home Managers

*Field of Specialization*: Home Economics

James Franklin Barnes, Athens

B.A., M.A.

*Dissertation*: Representation and the American Urban Crisis

*Field of Specialization*: Political Science

Robert Bason, Columbus

B.S. (Iona College); M.S. (Fordham University)

*Dissertation*: Energy Sources During Muscular Work under Normoxic and Hypoxic Conditions

*Field of Specialization*: Physical Education

Hamed S. Abdel-Hameed Bayoumi, Troy, N. Y.

B.Sc.E.E. (Ain Shams University); M.E.E.

(Rensselaer Polytechnic Institute)

*Dissertation*: Electrical Properties of GaAs<sub>1-x</sub>P<sub>x</sub>

*Field of Specialization*: Electrical Engineering

Ralph Joseph Belcher, Columbus

B.S.A.S.E. (University of Cincinnati)

*Dissertation*: The Structure of a Laminar Boundary Layer under a Generalized Vortex

*Field of Specialization*: Aeronautical and Astronautical Engineering

Glenn Edwin Bell, Worthington

B.A. (Columbia Union College); M.A. (American University)

*Dissertation*: An Application of Differential Counseling Techniques to Groups of Male College Students

Experiencing Vocational and Educational Problems

*Field of Specialization*: Psychology

Russell Bernard Bennett, Worthington

B.Cer.E., M.S.

*Dissertation*: Investigation of Alumina Particulate Characterization and Microstructural Evaluation

*Field of Specialization*: Ceramic Engineering

James Frederick Berg, Wapakoneta

B.S. in Agr., M.S.

*Dissertation*: The Competitive Position of the Ohio Fed Cattle Industry

*Field of Specialization*: Agricultural Economics and Rural Sociology

Philip Jeffrey Berger, Columbus

B.S. (Delaware Valley College); M.S.

*Dissertation*: Evaluation of Balanced and Divergent Selection for Prewaning Gain and 51 Day Weight in the Laboratory Mouse, *Mus Musculus*

*Field of Specialization*: Dairy Science

Richard Lee Berry, Columbus

B.S. (University of Notre Dame); M.S. (Tulane University)

*Dissertation*: A Revision of the Tribes Cerenopini and Eulabini (Formerly Scaurini, In Part) of North America (Coleoptera: Tenebrionidae)

*Field of Specialization*: Entomology

Effie Deland Best, Adelaide, Australia

B.Sc. Honours (University of Adelaide)

*Dissertation*: An Exploratory Study of the Correlates of Student Decision Making in the Secondary School Biology Laboratory

*Field of Specialization*: Education

William Morris Bode, Gettysburg, Pa.

B.A. (College of Wooster)

*Dissertation*: The Codling Moth, *Laspeyresia Pomonella* (Lepidoptera: Olethreutidae): Effects of an Introduced Granulosis Virus on a Field Population and Laboratory Rearing on Artificial Diets

*Field of Specialization*: Entomology

Violet Florence Boggess, Atwater

B.S. in Educ. (Kent State University); M.A.

*Dissertation*: The Results of Using Dictation Materials of Varying Difficulty for Speed Practice in Shorthand Classes

*Field of Specialization*: Education

Harriet Nothstine Boker, Meadville, Pa.

B.S. in Edu., M.A.

*Dissertation*: An Ordination of Forest Types in an Ecotonal Area of Northwestern Pennsylvania, Based on a Quantitative Study of Interspecific Relationships of Trees

*Field of Specialization*: Botany

- Roberta Ann Bouverat, Bellingham, Wash.  
B.A. in Ed., M.Ed. (Western Washington State College)  
*Dissertation*: A Study of Self-Actualization and Perceptions of Teaching Roles of Prospective Teachers of Young Children  
*Field of Specialization*: Education
- Larry Sylvester Bowen, Oakland, Calif.  
A.B. (San Francisco State College); M.S. in Ed. (California State College at Hayward)  
*Dissertation*: A Study of Value-Preferences Held by Experienced Elementary Teachers Toward Teacher Evaluation of Children  
*Field of Specialization*: Education
- Robert Downer Boyer, Chevy Chase, Md.  
B.A., M.A. (University of Maryland)  
*Dissertation*: The Directorial Practice of W.S. Gilbert  
*Field of Specialization*: Theatre
- Vincent Thomas Brice, Columbus  
B.S. (University of Dayton)  
*Dissertation*: Studies of the Pentaborane (9) Anion and Its Methyl Derivatives and Insertion of Copper (I) into the Frameworks  
*Field of Specialization*: Chemistry
- John Robert Brouillette, Columbus  
B.S. (Iowa State University); M.A. (Kent State University)  
*Dissertation*: Community Organizations under Stress: A Study of Interorganizational Communication Networks during Natural Disasters  
*Field of Specialization*: Sociology
- William Bernard Brueggeman, Gainesville, Fla.  
B.S. (Louisiana State University in New Orleans); M.B.A. (Loyola University)  
*Dissertation*: The Impact of Private Construction and Government Housing Programs in a Local Housing Market  
*Field of Specialization*: Business Administration
- Walter Alva Brumm, Springfield  
B.A. (Wittenberg University); M.A. (Kent State University); B.D. (Methodist Theological Seminary)  
*Dissertation*: Values in Conflict: A Content Analysis of Writings About the Shakers 1774-1799  
*Field of Specialization*: Sociology
- Carl Kenneth Buckner, Springfield  
B.S. Pharm. (University of Oklahoma); M.S.  
*Dissertation*: Beta Adrenergic Receptors of Guinea-Pig Atria and Trachea: The Use of Isomeric-Activity-Differences of Agonists and Antagonists to Characterize Pharmacological Receptors  
*Field of Specialization*: Pharmacy
- William Edward Burford, Denver, Colo.  
B.A. (San Jose State College)  
*Dissertation*: Collective Negotiations by Public School Teachers  
*Field of Specialization*: Economics
- Harold Lee Carr, Columbus  
B.S.Ed., M.S.Ed. (Southern Illinois University)  
*Dissertation*: A Program Review Paradigm for Ohio Vocational Education  
*Field of Specialization*: Education
- Charles Allen Chance, Columbus  
B.A. (Georgetown College); M.A. (Eastern Kentucky University)  
*Dissertation*: Consideration of Human Needs in Three Alternative Models of Motivation and the Implications for Supervision: An Exploratory Study  
*Field of Specialization*: Education
- Ping-Kuen Chen, Taipei, Taiwan  
B.S.E. (National Taiwan University); M.S.  
*Dissertation*: Analysis of a Linear Viscoelastic Layer Pavement System  
*Field of Specialization*: Civil Engineering
- John Charles Cloyd, Altrincham, Cheshire, England  
B.A. (East Tennessee State University)  
*Dissertation*: Low-Spin Metal Complexes of a Flexible Bidentate Phosphorus Ligand and a Flexible Tridentate Phosphorus Ligand  
*Field of Specialization*: Chemistry
- Sondra Miley Cooney, Kent  
B.A. (Manchester College, Indiana); A.M. (University of Michigan)  
*Dissertation*: Publishers for the People: W. & R. Chambers —The Early Years, 1832-1850  
*Field of Specialization*: English
- Howard Brownell Cox, Athens  
A.B. (University of Rhode Island); M.B.A. (Harvard University)  
*Dissertation*: A Study of the Influence of Consumer Characteristics and Store Characteristics upon Buying Behavior in Competing Retail Establishments  
*Field of Specialization*: Business Administration
- Henry Lee Curtis, Tucson, Ariz.  
B.S., M.S. (Brigham Young University)  
*Dissertation*: A Study of Endogenously Produced Factors Affecting Growth and Flowering in Three Species of *Linna*  
*Field of Specialization*: Botany
- Gilbert Clayton Daft, Wooster  
B.A. (Marietta College); M.S.  
*Dissertation*: Studies of the Epidemiology of Bacterial Blight of Soybean  
*Field of Specialization*: Plant Pathology
- Philip David Dalsin, Minneapolis, Minn.  
B.A. (Saint Mary's College, Minnesota); M.S. (Loyola University)  
*Dissertation*: Part I: The Reactions of Chlorodifluoromethane and Dichlorodifluoromethane with Potassium *t*-Butoxide in *t*-Butyl Alcohol  
Part II: The Kinetics of Deuterium Exchange of Substituted Methyl Acetates  
*Field of Specialization*: Chemistry
- Raymond Eugene Dann, Marathon, N.Y.  
B.S. (Cornell University); M.S.  
*Dissertation*: The *In Vivo* Metabolism of <sup>14</sup>C-Labelled Aflatoxins B<sub>1</sub>, B<sub>2</sub>, and G<sub>1</sub> in Rats  
*Field of Specialization*: Pharmacy
- Luis Davila, Jr., Bloomington, Ind.  
B.S. (Saint Mary's University, Texas); M.A.  
*Dissertation*: The Antipoeetry of Nicanor Parra  
*Field of Specialization*: Romance Languages

- Jerry Collins Davis, Franklin, Ky.  
B.S. (Mars Hill College); M.S. (University of Tennessee)  
*Dissertation*: Revision of the Genus *Blapstinus* Sturm of America North of Mexico with Notes on Extralimital Species (Coleoptera: Tenebrionidae)  
*Field of Specialization*: Entomology
- Robert Stephens DeLaney, Columbus  
B.M.E. (Cornell University); M.S.  
*Dissertation*: The Use of Subjective Probability Distributions and Rank Feedback to Improve Group Estimation  
*Field of Specialization*: Industrial Engineering
- Richard Palmer Dickey, Worthington  
B.A.; M.D. (Case Western Reserve University); M.M.S.  
*Dissertation*: Interaction of Biogenic Amines and Sex Steroids in the Modulation of Gonadotropin Secretion  
*Field of Specialization*: Pharmacology
- John Wilson Dickhaut, Jr., Columbus  
B.A. (Duke University); M.Acc.  
*Dissertation*: The Effect of Alternate Information Structures on Probability Revisions  
*Field of Specialization*: Accounting
- Kennerly Hite Digges, Kettering  
B.S. (Virginia Polytechnic Institute); M.S.  
*Dissertation*: Theory of Air Cushion Landing System for Aircraft  
*Field of Specialization*: Mechanical Engineering
- Terence Richard Dockerty, St. Johnsville, N.Y.  
B.S. (Cornell University); M.S.  
*Dissertation*: Carcass Development in Beef Cattle Subsequent to Interrupted Growth  
*Field of Specialization*: Animal Science
- Robert Drury Doe, Columbus  
B.S. in Edu., M.A.  
*Dissertation*: The Metabolic Effects of a Seven Week Aerobic Interval Training Program  
*Field of Specialization*: Physical Education
- Constance Mary Drake, Lexington, Ky.  
B.A. (College of Saint Rose); M.A. (University of Rhode Island)  
*Dissertation*: Six Plays by Tennessee Williams: Myth in the Modern World  
*Field of Specialization*: English
- Robert Orland Edmister, Columbus  
B.S. (Miami University); M.B.A. (University of Michigan)  
*Dissertation*: Financial Ratios as Discriminant Predictors of Small Business Failure  
*Field of Specialization*: Business Administration
- Adel Ibrahim El-Ansary, Cairo, Egypt  
B.Com. (Cairo University); M.B.A.  
*Dissertation*: Power Measurement in the Distribution Channel: An Empirical Investigation  
*Field of Specialization*: Business Administration
- Clifford John Elliott, Tallahassee, Fla.  
B.Sc. (University of Southampton); M.Econ. (University of Queensland, Australia)  
*Dissertation*: A Behavioral Study of Managers of Business Computer Systems: With Special Reference to the Role of Top Management  
*Field of Specialization*: Business Administration
- William Edward Elliott, Fairview Park  
Ph.B. (Borromeo Seminary of Ohio); M.A. (John Carroll University)  
*Dissertation*: A Model for the Centralization and Decentralization of Policy and Administration in Large Catholic Diocesan School Systems  
*Field of Specialization*: Education
- Anita Gloria Fishman Epstein, Laurel, Md.  
B.S. (Brooklyn College)  
*Dissertation*: Stratigraphy of Uppermost Silurian and Lowermost Devonian Rocks and the Conodont Fauna of the Coeymans Formation and Its Correlatives in Northeastern Pennsylvania, New Jersey, and Southeasternmost New York  
*Field of Specialization*: Geology
- Jack Burton Epstein, Laurel, Md.  
B.S. (Brooklyn College); M.A. (University of Wyoming)  
*Dissertation*: Geology of the Stroudsburg Quadrangle and Adjacent Areas, Pennsylvania—New Jersey  
*Field of Specialization*: Geology
- Thomas David Erickson, Newark  
A.B. (Brooklyn College); M.S.  
*Dissertation*: Equilibrium Relations in the Ternary CaO-Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>-SiO<sub>2</sub> System, Especially in the Ternary System CaO-ZrO<sub>2</sub>-SiO<sub>2</sub>  
*Field of Specialization*: Mineralogy
- Virginia Mary Evans, Newark  
B.A. (Ohio Wesleyan University); M.S. (Pennsylvania State University)  
*Dissertation*: An Analysis of the Teaching Plan of the Adult Educator and its Relationship to Teaching Effectiveness  
*Field of Specialization*: Education
- Arthur Williams Fetter, Columbus  
D.V.M., M.S.  
*Dissertation*: Investigations on the Pathogenesis of Porcine Atrophic Rhinitis  
*Field of Specialization*: Veterinary Pathology
- Avon Edward Foote, Iuka, Miss.  
B.S. (Florence State College); M.S. (University of Southern Mississippi)  
*Dissertation*: Managerial Style, Hierarchical Control and Decision Making in Public Television Stations  
*Field of Specialization*: Speech
- Danny Gene Fox, Convoy  
B.S. in Agr., M.S.  
*Dissertation*: Physiological Factors Associated with Compensatory Growth in Beef Cattle  
*Field of Specialization*: Animal Science

- James David Fox, Mart, Tex.  
B.S., M.S. (An. Br.) (Texas Agricultural and Mechanical University)  
*Dissertation:* The Genetic Relationship of Mature Size and Efficiency of Production in Sheep  
*Field of Specialization:* Animal Science
- John Paul Freeman, Columbus  
B.S. (Washington and Lee University); M.S. (University of Washington)  
*Dissertation:* Stereochemical Studies of Thietana 1, 1-Dioxide Derivatives  
*Field of Specialization:* Chemistry
- James Donald Fritzen, Seattle, Wash.  
B.S. (Seattle University); M.A.  
*Dissertation:* Memory for Digit Series  
*Field of Specialization:* Psychology
- Mark Charles Fulcomer, Canfield  
B.A., M.A.  
*Dissertation:* Cross-Validation Performance of Linear and Quadratic Discriminatory Analysis in Two Populations  
*Field of Specialization:* Psychology
- Steven Ray Gardner, Westerville  
B.E.E., M.S.  
*Dissertation:* A Generalized Template Matching Algorithm for Pictorial Pattern Recognition  
*Field of Specialization:* Electrical Engineering
- Dan David Garrison, Springfield  
B.S. in Agr., M.S.  
*Dissertation:* Guidance and Counseling Activities Pertaining to Post High School Educational and Occupational Opportunities in Agriculture  
*Field of Specialization:* Agricultural Education
- Will Roger Getz, Muskogee, Okla.  
B.S. (Oklahoma State University); M.S.  
*Dissertation:* The Influence of Heterosis on Lamb Carcass Traits and the Combining Abilities Among the Columbia, Targhee and Suffolk Breeds of Sheep  
*Field of Specialization:* Animal Science
- Chandra Pal Ghonsikar, Osmanabad, India  
B.Sc. (Ag.), M.Sc. (Ag.) (Osmania University)  
*Dissertation:* Naturally-Occurring Polyphosphates in Soils—Reactions of These and Other Polyphosphate Materials in Soils  
*Field of Specialization:* Agronomy
- Alan Jason Goldstein, Fairborn  
B.A. (George Washington University); M.S. (Air Force Institute of Technology)  
*Dissertation:* Attitudes Toward Quantitative Models as a Factor in the Acceptance of Research Recommendations  
*Field of Specialization:* Business Administration
- Peter Gregory Goulet, Edwardsville, Ill.  
A.B. (Denison University); M.B.A.  
*Dissertation:* Discriminant Analysis of Low-Cost Housing Alternatives: A Study of Non-Price Factors Influencing Housing-Choice Decisions  
*Field of Specialization:* Business Administration
- Jack Luther Haar, Elmore  
B.S. (Capital University); M.S. (University of Arizona)  
*Dissertation:* A Phase and Electron Microscopic Study of the Mouse Yolk Sac  
*Field of Specialization:* Anatomy
- Chan Ki Hahn, Chongroku Seoul, Korea  
B.C. (Yonsei University); M.B.A.  
*Dissertation:* The Major Determinants of Hospital Decisions to Participate in a Group Purchasing Program  
*Field of Specialization:* Business Administration
- Allen Sanders Hall, Salisbury, N.C.  
B.S. (Memphis State University); M.A. (University of Alabama)  
*Dissertation:* The Effectiveness of Videotape Recordings as an Adjunct to Supervision of Clinical Practicum by Speech Pathologists  
*Field of Specialization:* Speech
- Dennis Raphael Hall, Columbus  
B.A. (University of Notre Dame); M.A.  
*Dissertation:* Jonathan Swift's *A Tale of A Tub* and the Apocalyptic Tradition  
*Field of Specialization:* English
- Robert James Haluska, Waterbury, Conn.  
B.S. (College of the Holy Cross, Massachusetts)  
*Dissertation:* Synthesis and Reactions of Polyunsaturated Azacycles  
*Field of Specialization:* Chemistry
- Charles Raymond Hancock, New Orleans, La.  
B.A., M.A. (Louisiana State University, New Orleans)  
*Dissertation:* Simulation: A Technique for Sensitizing the Prospective Foreign Language Teacher to Problems of Individualized Instruction  
*Field of Specialization:* Education
- Stanley Grant Harris, Manhattan, Kan.  
B.S., D.V.M., M.S. (Kansas State University)  
*Dissertation:* Cardiovascular Effects of Cardiac Sympathetic Nerve Stimulation on Open Chest Dogs and Cats with the Influence of Inhalation Anesthesia on Cardiac Monoamine Oxidase Activity  
*Field of Specialization:* Veterinary Physiology and Pharmacology
- William Henry Holaday, III, Houston, Tex.  
B.A. (Dakota Wesleyan University); M.S. in Ed. (Northern State College)  
*Dissertation:* Harvey Dunn: Pioneer Painter of the Middle Border  
*Field of Specialization:* History of Art
- James Ray Holyfield, Columbus  
B.S., M.Ed. (University of Southern Mississippi)  
*Dissertation:* A Study of Selective Personality Characteristics of Teachers for Children in Impoverished Areas  
*Field of Specialization:* Education

- Edward Arthur Hoover, Chicago, Ill.  
B.S.Vet.Med., D.V.M. (University of Illinois) ; M.S.  
*Dissertation*: Studies on the Pathogenicity of Feline Herpes Virus and Feline Leukemia Virus  
*Field of Specialization*: Veterinary Pathology
- Kenneth Tim Hostiuck, Columbus  
B.S., M.B.A. (Miami University)  
*Dissertation*: The Perceived Pressure and Perceived Norm Compatibility of Reference Groups as Influences on Executives' Political Behavior  
*Field of Specialization*: Business Administration
- Robert William Houser, Casstown  
B.A. (DePauw University)  
*Dissertation*: The Synthesis and Reactions of Polycyclic Sulfones  
*Field of Specialization*: Chemistry
- Donald Lewis Huffman, Westerville  
B.E.E., M.S., M.S.  
*Dissertation*: On the Design of Broadband Electromagnetic Windows  
*Field of Specialization*: Electrical Engineering
- Ellen Hsia Hung, Taipei, Taiwan  
B.S. (Taiwan Normal University) ; M.S.  
*Dissertation*: The Nickel (II) and Cobalt (III) Complexes of Linear Tetradentate Ligands  
*Field of Specialization*: Chemistry
- Nelroy Evan Jackson, Georgetown, Guyana  
B.S. in Agr. ; M.S. (Iowa State University)  
*Dissertation*: The Effects of Vesicular-Arbuscular Mycorrhizae on Uptake of Sr 90 by Soybeans and on Growth and Phosphorus Content of Three Agronomic Crops  
*Field of Specialization*: Agronomy
- Charles Edward Johnson, Columbus  
B.S. (University of Utah) ; M.S. (University of Wisconsin)  
*Dissertation*: A Local Theory of Group Extensions  
*Field of Specialization*: Mathematics
- Dora Kennedy Johnson, Cleveland  
B.A. (Langston University) ; M.S. (Oklahoma State University of Agriculture and Applied Science)  
*Dissertation*: An Investigation of the Oral Language and Oral Reading of Black First Grade Children  
*Field of Specialization*: Education
- Frederick Aifsen Johnson, Ludlow, Pa.  
A.B. (Oberlin College)  
*Dissertation*: Non-Linguistic Theories of Truth  
*Field of Specialization*: Philosophy
- Kim Roger Jonason, Amarillo, Tex.  
B.A. Psych. (Texas Technological College) ; M.A.  
*Dissertation*: Alterations in Social Behavior Following Septal and Amygdaloid Lesions in the Rat  
*Field of Specialization*: Psychology
- Warren Bill Karp, Wantagh, N.Y.  
B.S. (Pace College)  
*Dissertation*: Placental Lipid Metabolism  
Part I: Palmityl-CoA: Carnitine Palmityltransferase Identification in Human Placental Tissue  
Part II: Incorporation of Radioactive Precursors into the Neutral Lipids and Phospholipids of Human Placental Tissue  
*Field of Specialization*: Physiological Chemistry
- Lytton Alden Kendall, Jr., Iowa City, Ia.  
B. Mining Engr. (University of Minnesota) ; M.S. (University of Iowa)  
*Dissertation*: Sonic Impact Metal Deformation  
*Field of Specialization*: Industrial Engineering
- Fredric Barry Kleiner, Delaware  
B.S. (City College, New York) ; M.A.  
*Dissertation*: Personality and Training: Their Effects on the Communication of Empathy  
*Field of Specialization*: Psychology
- James Bernard Knox, Grove City  
B.S. (Olivet Nazarene College) ; M.Ed. (Westminster College, Pennsylvania)  
*Dissertation*: Characteristics of Teachers of Institutionalized Delinquent Youth  
*Field of Specialization*: Education
- Stephan Raymond Kostewicz, Canton  
B.S. (Kent State University) ; M.S.  
*Dissertation*: The Effect of 2, 4-Dichlorophenoxyacetic Acid on the Endogenous Levels of Gibberellins in the Root-Hypocotyl Tissues of Germinating *Phaseolus vulgaris* Seedlings  
*Field of Specialization*: Horticulture
- Richard F. Krenek, Cleveland  
B.E.S. (Cleveland State University) ; M.S.  
*Dissertation*: Psychomotor and Psychophysical Performance in Laboratory and Highway Driving Tasks as a Function of Autonomic Stability  
*Field of Specialization*: Industrial Engineering
- Richard Andrew Kruppa, Perrysburg  
B.S. (Pennsylvania State University) ; M.S. in Edu. (New York State University College, Buffalo)  
*Dissertation*: The Relationship between Psychomotor Ability and Critical Observation and Evaluation Ability  
*Field of Specialization*: Education
- Andrew Jacob Kuntzman, Dayton  
B.S. in Edu., M.S.  
*Dissertation*: Histology of the Adrenal Gland of the Lizard *Anolis carolinensis*  
*Field of Specialization*: Anatomy
- John Harvey Lauterbach, Haworth, N. J.  
B.S. (Worcester Polytechnic Institute, Massachusetts) ; M.S.  
*Dissertation*: Determination of the Distribution of Acetyl Groups in Partially Acetylated Carbohydrate Derivatives by Means of Specific Assignment of Acetoxy Resonances in Their Proton Magnetic Resonance Spectra  
*Field of Specialization*: Chemistry

- Arthur Chiu-Jong Lee, Chang-hwa, Taiwan  
B.Sc. (National Taiwan University); M.S. (Utah State University)  
*Dissertation*: Studies on the Biosynthesis of the Aglycone of Progoitrin in Rutabaga  
*Field of Specialization*: Biochemistry
- Hsiang-Po Lee, Cambridge, Mass.  
M.A. (Columbia University)  
*Dissertation*: The Rural-Mass Education Movement in China, 1922-1936  
*Field of Specialization*: Education
- Paul Gregory Lee, Lima  
A.B. (Harvard College); M.A.  
*Dissertation*: Subjects and Agents  
*Field of Specialization*: Linguistics
- Paul Conrad Leidheiser, Elyria  
B.S. in Agr., M.S.  
*Dissertation*: An Evaluation of Supervisory Task Importance and Performance in The Ohio Cooperative Extension Service  
*Field of Specialization*: Agricultural Education
- Judith Lucas Lesiak, Mt. Pleasant, Mich.  
B.S. (Central Connecticut State College, New Britain); M.A.  
*Dissertation*: The Relationship of the Reflection-Impulsivity Dimension and the Reading Ability of Elementary School Children at Two Grade Levels  
*Field of Specialization*: Education
- Maita Faye Levine, Cincinnati  
B.A., B.Ed., M.A.T. (University of Cincinnati)  
*Dissertation*: A Study of Mathematical Confidence Relative to the Attainment of Certain Objectives of the In-Service Institute in Mathematics for Secondary School Teachers, University of Cincinnati, 1969-70  
*Field of Specialization*: Education
- William Carl Louthan, Reynoldsburg  
B.A., M.A.  
*Dissertation*: Mr. Justice Wiley Blount Rutledge and Questions of Public Policy: A Study of Discretion and Objectivity in Judicial Decision-Making  
*Field of Specialization*: Political Science
- Evelyn Foreman Luckey, Columbus  
B.A., B.S. in Edu., M.A.  
*Dissertation*: The Relationship between Word Associations and Verbal Achievement of Black and White Children  
*Field of Specialization*: Education
- Vincent Frank Lustig, Thompson  
B.S. in Edu., M.A.  
*Dissertation*: Perception of Dichotically Presented Words Arranged in Four Contexts  
*Field of Specialization*: Speech
- Mahmoud Musa Mahmoud, Khartoum, North Sudan  
B.V.Sc. (University of Khartoum); M.S.  
*Dissertation*: Studies on the Stable Antigens of African Trypanosomes: Serodiagnosis of *Trypanosoma Congolense* Infection of Rabbits by the Latex Fixation Test  
*Field of Specialization*: Veterinary Preventive Medicine
- Ernest Clare Marshall, Greenville, N.C.  
B.S. (Athens College, Alabama); M.A. (University of Mississippi)  
*Dissertation*: An Explication of William James' Neutral Monism and Some Applications to His Pragmatism  
*Field of Specialization*: Philosophy
- Robert Lee McFarland, Lexington  
B.S. (Case Western Reserve University); M.A.  
*Dissertation*: On Multipliers of Abelian Difference Sets  
*Field of Specialization*: Mathematics
- Dennis James McGuire, Greensburg, Pa.  
B.A., M.Ed. (Saint Mary's College, Minnesota)  
*Dissertation*: Ideological Preferences in Contemporary Educational Thought  
*Field of Specialization*: Education
- Benjamin Forney McLuckie, Newark, Del.  
B.A. (Grove City College); B.D. (McCormick Theological Seminary); A.M. (West Virginia University)  
*Dissertation*: A Study of Functional Response to Stress in Three Societies  
*Field of Specialization*: Sociology
- Anne Elizabeth Mellers, Bala Cynwyd, Pa.  
A.B., A.M. (Temple University); M.A.  
*Dissertation*: A Study of the Relationship of Social Context and the Self Concept of Adolescents  
*Field of Specialization*: Psychology
- Peter Joseph Mikolaj, Cleveland  
B.S. in Agr., M.S.  
*Dissertation*: Manifestations of Heterosis in *Arabidopsis thaliana* under Varying Temperature and Nutritional Regimes  
*Field of Specialization*: Genetics
- David Michael Miller, Findlay  
B.Cer.E., M.S.  
*Dissertation*: An Investigation of the Influences of High Temperature Thermal History on the Properties and Structure of Splat Formed Glasses  
*Field of Specialization*: Ceramic Engineering
- \*Patricia Hathaway Mills, Hamilton  
B.A., M.Ed. (Miami University)  
*Dissertation*: Am I My Brother's Keeper? A Study of Motivation in the School  
*Field of Specialization*: Education
- David William Moore, West Point, N.Y.  
B.S. (United States Military Academy); M.A.  
*Dissertation*: Governmental and Societal Influences on Foreign Policy: A Partial Examination of Rosenau's Adaptation Model  
*Field of Specialization*: Political Science
- Paul Eugene Needham, Westerville  
B.S. (Iowa State University); M.S. (New York State College of Forestry at Syracuse University); M.S.  
*Dissertation*: The Formation and Evaluation of Detailed Geopotential Models Based on Point Masses  
*Field of Specialization*: Geodetic Science
- Deborah Hubbard Nelson, Oxford  
B.S. in Edu. (Wittenberg University); M.A.  
*Dissertation*: Marcabru, Prophet of *Fin'amors*  
*Field of Specialization*: Romance Languages

\* Degree granted in cooperation with Miami University

R. Russell Neuswanger, Bloomington, Ind.  
A.B. (Harvard University)  
*Dissertation*: Investigation of Some Central Motifs in  
*Die Nachtwachen des Bonaventura*  
*Field of Specialization*: German

Charles Richard Oaklief, Lancaster  
B.S. in Agr., M.S.  
*Dissertation*: Junior College Community Service  
Personnels' Cognition of the Cooperative Extension  
Service  
*Field of Specialization*: Agricultural Education

Frederick DeCroes Obenchain, Falls Church, Va.  
B.A. (Wabash College); A.M. (Indiana University)  
*Dissertation*: The Diversity of Cell Types in the  
Neurosecretory System of the American Dog Tick,  
*Dermacentor variabilis* Say (Acarina, Ixodidae)  
*Field of Specialization*: Entomology

Donald LaMarr Ockerman, Dayton  
B.S.E.E. (University of Kentucky); M.S.E.E. (Air Force  
Institute of Technology); M.B.A.  
*Dissertation*: The Effect of Experience, Data Sequence,  
and Training on Intuitive Probability Revisions  
*Field of Specialization*: Industrial Engineering

John William Oren, Jr., Columbus  
B.S. in Agr., M.S.  
*Dissertation*: An Appraisal by Clientele of the Ohio  
Cooperative Extension Service  
*Field of Specialization*: Agricultural Education

Edwin Lewis Owen, Lincolnwood, Ill.  
B.S. Met. Engr. (Colorado School of Mines)  
*Dissertation*: Some Aspects of Stress Corrosion Cracking of  
Alpha-Beta Titanium Alloys in Aqueous Environments  
*Field of Specialization*: Metallurgical Engineering

Gerald Eugene Patterson, Miami, Fla.  
B.S. in Ed. (Miami University); M.A.  
*Dissertation*: Evaluation of a Supermarket  
Cashier-Checker Training Program in Dade County  
Florida  
*Field of Specialization*: Education

Stephan Donald Price, Sepulveda, Calif.  
A.B. (University of California, Los Angeles); M.S.  
*Dissertation*: Quantitative Interpretation of the Infrared  
Spectra of Late-Type Stars  
*Field of Specialization*: Astronomy

George Raymond Prigge, Ripley  
B.S. in Agr., M.S. in Agr. (University of Kentucky)  
*Dissertation*: A Simulation Study of Tenure and Size  
Relationships of Selected Corn Hog Farms  
*Field of Specialization*: Agricultural Economics and  
Rural Sociology

Bodepudi Prasada Rao, Munnaluru, Kistna, A.P., India  
B.A., M.A. (Honours), M.A. (Honours) (Andhra  
University)  
*Dissertation*: The Economics of Agricultural Credit-Use in  
Southern Brazil  
*Field of Specialization*: Agricultural Economics and  
Rural Sociology

David Lawrence Rarick, Madison, Wis.  
B.S. (University of Wisconsin); M.A.  
*Dissertation*: Expressed Preferences and Desirability  
Judgments of Parents and Their Children for Eighteen  
Types of Television Violence  
*Field of Specialization*: Speech

Andrew George Repjar, Medina  
B.E.E., M.S.  
*Dissertation*: The Linear Separability of  
Multiple-Frequency Radar Returns, with Applications to  
Target Classification  
*Field of Specialization*: Electrical Engineering

\*Donald Earl Richards, Waynesville  
B.A. (Miami University); M.Ed. (University of  
Washington)  
*Dissertation*: A Study of Selected Aspects of Peer  
Supervision Among Public School Teachers in  
Representative Ohio Schools  
*Field of Specialization*: Education

Donald Carl Riechel, Westerville  
A.B. (Columbia University); M.A. (Northwestern  
University)  
*Dissertation*: A Study of Irony in Theodor Fontane's  
Last Novels, *Die Poggenpuhls* and *Der Stechlin*  
*Field of Specialization*: German

John McLain Rinehart, Tiffin  
B.A. (Kent State University); M.Mus. (Cleveland  
Institute of Music)  
*Dissertation*: Ives' Compositional Idioms: An Investigation  
of Selected Short Compositions as Microcosms of His  
Musical Language  
*Field of Specialization*: Music

Dennis Joseph Saturnino, Cleveland  
B.S. (John Carroll University); M.S.  
*Dissertation*: Studies Involving Cyclic Organoboranes  
*Field of Specialization*: Chemistry

Farouk Abdel-Moneim Sayed-Saleh, Warrensburg, Mo.  
B.Com. (Ain Shams University); M.B.A.  
*Dissertation*: An Empirical Examination of Industrial  
Buyer Behavior: A Motor Carrier Selection Application  
*Field of Specialization*: Business Administration

Henry Erven Schmitt, Canby, Ore.  
B.S. (Oregon State University); M.S.  
*Dissertation*: A Model for Preparing Secondary Teachers  
of Agriculture from Minority Populations  
*Field of Specialization*: Agricultural Education

Charles Reed Schwarz, Washington, D.C.  
B.A. (Dartmouth College); M.S.  
*Dissertation*: Gravity Field Refinement by Satellite to  
Satellite Doppler Tracking  
*Field of Specialization*: Geodetic Science

Carl William Seiter, Salt Lake City, Utah  
B.A. (University of Utah)  
*Dissertation*: The Structural Analysis of Brain  
Gangliosides from Goldfish (*Carassius auratus*); The  
Presence of n, 8-O-Diacetyluraminic Acid in the  
Polysialogangliosides  
*Field of Specialization*: Physiological Chemistry

\* Degree granted in cooperation with Miami University

- Oлга Christina Shopay, Olyphant, Pa.  
B.A., M.A. (Pennsylvania State University)  
*Dissertation*: A Description of the Language of the  
*Serbskija Noviny, 1791-1792*  
*Field of Specialization*: Slavic Languages and Literatures
- Ram Awadh Singh, Udaipur, Rajasthan, India  
B.Sc., M.Sc. (Agra University)  
*Dissertation*: Effect of Certain Compounds on Sterol  
Metabolism of Laying Hens  
*Field of Specialization*: Poultry Science
- Shivashraya Singh, Azamgarh, U.P., India  
B.Sc. (University of Gorakhpur); M.Sc. (Agra  
University); M.S.  
*Dissertation*: A Systematized Approach to Cheese Ripening  
*Field of Specialization*: Dairy Technology
- Judith Fairbank Slater, Buffalo, N.Y.  
B.A. (Alfred University); M.A. (University of North  
Carolina)  
*Dissertation*: Impressionistic Techniques in the Novels  
of Dickens  
*Field of Specialization*: English
- Anita Wilson Smith, Columbus  
B.S.Ed. (Capital University); M.A.  
*Dissertation*: The Relationship of Selected Personality  
Characteristics in Teachers of Culturally Disadvantaged  
Children and Reading Achievement  
*Field of Specialization*: Education
- Julian Lloyd Smith, Oberlin  
A.B., M.A. in Educ. (University of North Carolina)  
*Dissertation*: Oliver Kelly Cornwell: A Life of Dedication  
and Service to Physical Education and Athletics  
*Field of Specialization*: Physical Education
- Joanne Sabol Stevenson, Columbus  
B.S. in Nurs., M.S.  
*Dissertation*: Determining the Discriminatory Value of  
Selected Personal Variables as Predictors of Specialty  
Choice in Nursing  
*Field of Specialization*: Education
- J. Richard Stewart, Blacklick  
B.S., M.S.  
*Dissertation*: Principal Component Analysis of Time Series  
*Field of Specialization*: Statistics
- John Edward Stinson, Athens  
B.S.M.E., M.B.A. (Ohio University)  
*Dissertation*: The Differential Impact of Participation  
in Laboratory Training in Collaborative Task Effort on  
Intact Groups and Fragmented Groups  
*Field of Specialization*: Business Administration
- Eugene Scott Stratford, Richmond, Calif.  
B.S. Pharm. (Idaho State University)  
*Dissertation*: Synthesis and Antipolytic Activity of  
Phenoxyacetic Acid Derived Compounds  
*Field of Specialization*: Pharmacy
- Robert Eugene Struthers, Provo, Utah  
B.S. (Utah State University); M.S. (Brigham Young  
University)  
*Dissertation*: An Historical-Analytical Study of the  
Secondary Speech Program at The Brigham Young  
University High School, 1936-1968  
*Field of Specialization*: Education
- James Aubrey Sullivan, St. Marys  
B.A. (Miami University); M.S.  
*Dissertation*: On Minimizing an Expectation with  
Constraints  
*Field of Specialization*: Statistics
- Marika Elizabeth Sumichrast, Potomac, Md.  
B.A., M.A.  
*Dissertation*: Thomas Mann and Czechoslovakia  
*Field of Specialization*: German
- James Martin Swanson, Jacksonville, Tex.  
B.A. (Rice University); M.A.  
*Dissertation*: Recoding in a Memory Search Task  
*Field of Specialization*: Psychology
- Pearl Frei Tait, Grand Forks, N. Dak.  
A.B. (College of Notre Dame of Maryland); A.M.  
(Colorado State College)  
*Dissertation*: An Exploratory Study of the Play Behavior  
of Young Blind Children  
*Field of Specialization*: Education
- Clinton Ezra Tatsch, Westerville  
A.B. (Marion College); M.A.  
*Dissertation*: A Study to Determine New Dimensions for  
Development of Technical Education in Ohio  
*Field of Specialization*: Education
- Loren J. Thompson, Newark, Del.  
B.A. (Eastern New Mexico University); M.A. (University  
of Delaware)  
*Dissertation*: The Usefulness of the Schwab Model to  
Identify a Structure of Knowledge in Selected American  
History Textbooks  
*Field of Specialization*: Education
- Nurhan Tokel, Istanbul, Turkey  
B.S. (Robert College)  
*Dissertation*: Electrochemical Investigation of Transition  
Metal Complexes of Quadridentate Macrocyclic Ligands  
*Field of Specialization*: Chemistry
- Kenneth Wayne Utley, Bowling Green, Ky.  
A.B., M.A. (Western Kentucky University)  
*Dissertation*: The Effect of Background Factors on  
Achievement in Second-Year Shorthand at Selected  
Universities  
*Field of Specialization*: Education
- Marianne Thomey Vivino, Columbus  
B.A. (College of Saint Scholastic); M.A. (University of  
Minnesota)  
*Dissertation*: Body Image as a Variable in Social  
Descriptions  
*Field of Specialization*: Psychology
- Ralph Benjamin Videtto, Adams Center, N.Y.  
B.S. (Alfred University); M.S. (Clemson University)  
*Dissertation*: An Electrochemical Approach to  
Refractory-Slag Corrosion  
*Field of Specialization*: Ceramic Engineering

Saul Philip Wachs, Columbus  
B.S. in Edu. (Temple University); B.Rel.Edu. (Jewish  
Theological Seminary); M.A.  
*Dissertation: An Application of Inquiry-Teaching to the  
Seedur*  
*Field of Specialization: Education*

Martha Isabel Walters, Columbus  
B.S., M.S.  
*Dissertation: Oxidative Activity of Non-Phagocytic and  
Phagocytic Leukocytes in Normal and Disease States*  
*Field of Specialization: Pathology (Clinical)*

Joseph Moses Walton, Akron  
B.S. (University of Cincinnati); M.Ed., (Xavier  
University)  
*Dissertation: Predicting the Success of Prospective  
Teachers in an Urban Teacher Education Project*  
*Field of Specialization: Education*

Lynn Taylor Wells, Columbus  
B.S. in Mech. Eng. (University of Utah); M.S.  
*Dissertation: Extensions, Generalizations and  
Clarifications of Lower Bound Methods Applied to  
Eigenvalue Problems of Continuous Elastic Systems*  
*Field of Specialization: Engineering Mechanics*

Frank Jarvis Williams, III, Pittsburgh, Pa.  
B.S. (Bucknell University)  
*Dissertation: The Chemistry of trans-Bicyclo [n.1.0]  
Aikanes*  
*Field of Specialization: Chemistry*

Roger John Wilson, Westerville  
B.S. in Ed. (State University College, Oswego, New  
York); M.S. (State University College, Buffalo,  
New York)  
*Dissertation: An Investigation of Factors Essential to  
Selecting and Preparing On-the-job Trainers for a Post  
Secondary Cooperative Vocational-Technical Education  
Program*  
*Field of Specialization: Education*

Lu David Wims, Akron  
B.A. (College of Wooster); M.Ed. (Kent State University)  
*Dissertation: An Historical Study and Interpretive  
Analysis of the Evolution and Development of the Ohio  
Athletic Conference*  
*Field of Specialization: Physical Education*

James Anthony Woolley, Canton  
B.Cer.E., M.S.  
*Dissertation: The Influences of Ultrasound on the  
Electrical Conductivity of a Simple Alkali-Aluminosilicate  
Glass*  
*Field of Specialization: Ceramic Engineering*

Orville L. Yoder, Goshen, Ind.  
B.A. (Goshen College); M.S.Ed. (Indiana University)  
*Dissertation: An Investigation of the Strategies and  
Techniques Utilized in the Adoption of Team Teaching  
in Selected Schools*  
*Field of Specialization: Education*

Alan Morris Young, Solon  
B.S., M.S.  
*Dissertation: A Study of the Reaction  $T(^3\text{He}, \gamma)^6\text{Li}$  From  
0.5 to 20 MeV*  
*Field of Specialization: Physics*

David Marshall Young, Billings, Mont.  
D.V.M. (Colorado State University); M.S.  
*Dissertation: Investigations of Thyrocalcitonin  
Metabolism in Cattle under Normal, Pathologic, and  
Experimental Conditions*  
*Field of Specialization: Veterinary Pathology*

**Master of Accounting**

Two candidates

Timothy Dick Friedberg,  
Pittsburgh, Pa.  
B.S. (University of Illinois)  
*Field of Specialization:* Accounting

Frederick Carlton Lamont, Bryan  
B.S. (Miami University)  
*Field of Specialization:* Accounting

**Master of Architecture**

One candidate

Hillis Arden Tewksbury, Zanesville  
B.Arch.  
*Field of Specialization:* Architecture

**Master of Arts**

One hundred and sixty-seven candidates

Peggy Maurice Allison, Findlay  
B.A. (Bowling Green State  
University)  
*Field of Specialization:* English

Winsom Amos, Westerville  
B.S. in Commerce (Ferris State  
College)  
*Field of Specialization:* Education

Judith Warman Barbour, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization:* English

Cynthia Ann Barrow,  
Sacramento, Calif.  
B.A. (University of California)  
*Field of Specialization:* Psychology

Raymond Edward Bashista, Columbus  
B.A. (University of Massachusetts)  
*Field of Specialization:* English

Julie Elbrader Beaulieu,  
Silver Spring, Md.  
A.B. (University of Miami)  
*Field of Specialization:* Art

George Abraham Becker, Cleveland  
B.A.  
*Field of Specialization:* Journalism

Francis Anthony Bennett,  
Louisville, Ky.  
B.A. (Saint Louis University)  
*Field of Specialization:* Psychology

Thomas Robert Berg, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Mary Ann Berry, Highland  
B.S. in Edu.  
*Field of Specialization:* Education

Nancy Bell Blank, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Patricia Allman Bonar, Gahanna  
B.S. in Edu.  
*Field of Specialization:* Education

Joseph Michael Borst, Westerville  
B.S. in Edu.  
*Field of Specialization:* Education

Theodore Anthony Bretz, Prospect  
B.D. (Eastern Baptist Theological  
Seminary)  
*Field of Specialization:* History

Thomas John Brislin,  
East Middlebury, Vt.  
B.A. (College of Guam)  
*Field of Specialization:* Speech

Mabel Dunn Brown, Columbus  
B.A. (Northeastern University)  
*Field of Specialization:* Sociology

Eddie Buckles, Meadville, Miss.  
B.S. (Alcorn Agricultural and  
Mechanical College)  
*Field of Specialization:* Physical  
Education

Martha Terrell Buller, Columbus  
B.A. (Wilmington College)  
*Field of Specialization:* Education

Barbara Dale Bunn, Kent  
B.S. in Edu.  
*Field of Specialization:* Education

Michael Lynn Burgess, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Clella Burgoyne, Montpelier, Idaho  
B.S. (Utah State University)  
*Field of Specialization:* Political  
Science

Carl Edward Bystrom, Columbus  
B.A.  
*Field of Specialization:* Political  
Science

David Scott Calihan, Dayton  
A.B. (Earlham College); J.D.  
*Field of Specialization:* Political  
Science

Joseph David Canfield, Columbus  
B.B.A. (University of Notre Dame)  
*Field of Specialization:* Economics

Biğce Ali Cankorel, Istanbul, Turkey  
B.A. (Ankara University)  
*Field of Specialization:* Political  
Science

Laura Jane Cannon, Beloit, Wis.  
B.A. (Cornell College, Iowa)  
*Field of Specialization:* Romance  
Languages

David Lee Caygill, Reynoldsburg  
B.S. in Edu.  
*Field of Specialization:* Music

Caroline Chalfant, Steubenville  
B.A.  
*Field of Specialization:* Psychology

Eh-Feng Chang, Taipei, Taiwan  
B.A. (National Taiwan Normal  
University)  
*Field of Specialization:* East Asian  
Languages and Literatures

Shu Fah Chin,  
Kuala Lumpur, Malaysia  
B.A.Hons. (University of Singapore)  
*Field of Specialization:* Education

William Victor Clive,  
Niagara Falls, N. Y.  
B.A. (New York State University  
College at Fredonia)  
*Field of Specialization:* Economics

Patrick Richard Cotter, LeRoy  
B.A. (Bowling Green State  
University)  
*Field of Specialization:* Political  
Science

Marsha Gross Crews, Oregon  
B.S. in Edu.  
*Field of Specialization:* Education

Frank Thomas Csongos,  
Cleveland Heights  
A.B. (Case Western Reserve  
University)  
*Field of Specialization:* Journalism

George Juris Daiga, Toledo  
B.S.Ed. (Capital University)  
*Field of Specialization:* Education

Jane Hall Darbaker, Ironton  
B.S. (Wittenberg University)  
*Field of Specialization:* Education

Mary Copitka Dawson, Steubenville  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education

James Cornelius Dekker, Chicago, Ill.  
A.B. (Calvin College)  
*Field of Specialization:* German

Sandra Ferrel Denner, Zanesville  
B.S. in Edu.  
*Field of Specialization:* Journalism

Gerald Richard Doan, Marion  
B.M. (Ohio Wesleyan University)  
*Field of Specialization:* Music

- Thomas Michael Doyle, Columbus  
A.B. (Wilmington College)  
*Field of Specialization:* Education
- Mary Louise Edwards, Casco, Me.  
B.A. (University of Maine)  
*Field of Specialization:* Linguistics
- Robert Hollis Ekleberry, Jr.,  
Vienna, Va.  
B.A. (University of Maryland)  
*Field of Specialization:* Psychology
- Susan Mary Elshaw, Rocky River  
A.B. (College of Mount Saint Joseph  
on the Ohio)  
*Field of Specialization:* German
- Anne Frances Esselburne, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization:* Education
- Tamara Schlienger Evans, Gambier  
M.A.  
*Field of Specialization:* German
- Michael Patrick Fehily, Bronx, N. Y.  
B.A. (Catholic University of America)  
*Field of Specialization:* Romance  
Languages
- Linda Gail Feiman, Canton  
A.B. (Washington University)  
*Field of Specialization:* Physical  
Education
- Linus Henry Fiely, Reynoldsburg  
B.S. (University of Dayton)  
*Field of Specialization:* Education
- Glenn Robert Fischer, Mansfield  
B.M. (Ed.) (Westminster College,  
Pennsylvania)  
*Field of Specialization:* Music
- Donald James Fisher, Euclid  
B.A.  
*Field of Specialization:* Romance  
Languages
- Carl David Flaningam, Lafayette, Ind.  
B.A. (Butler University)  
*Field of Specialization:* Speech
- Dale Allen Foor, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Education
- Karen Sue Fox, Fostoria  
B.Mus. (Heidelberg College)  
*Field of Specialization:* Music
- Edgar Harald Gehm, Lima  
B.S. in Edu.  
*Field of Specialization:* Education
- Gregory Neal Gibb, Marion  
A.B. (Rockhurst College)  
*Field of Specialization:* Psychology
- Paulette M. Gillig, Buffalo, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Psychology
- Sandra Lee Greenfield, Saline, Mich.  
A.B. (Central Michigan University)  
*Field of Specialization:* Speech
- Daniel Joseph Grondin, Elyria  
B.S. in Edu. (Baldwin-Wallace  
College)  
*Field of Specialization:* Education
- Alexander Grosu, Tel-Aviv, Israel  
B.A. (Tel-Aviv University)  
*Field of Specialization:* Linguistics
- Robert Richard Haccoun,  
Montreal, Que., Canada  
B.A. (McGill University)  
*Field of Specialization:* Psychology
- Sharon Lee Hamersley, Columbus  
B.A.  
*Field of Specialization:* German
- John Allen Harmon, Columbus  
B.S.Ed. (Ohio Northern University);  
M.A.  
*Field of Specialization:* History
- Hanna Weinrib Harussi, Givatayih,  
Israel  
B.A. (Hebrew University of  
Jerusalem)  
*Field of Specialization:* English  
(TESOL)
- Allen Lee Hauer, Jackson, Mich.  
B.S. (Central Michigan University)  
*Field of Specialization:* Psychology
- John Thoma Hayes, Piqua  
B.A. (University of Notre Dame)  
*Field of Specialization:* Political  
Science
- James Wendell Herrick, Worthington  
B.S. in Edu.  
*Field of Specialization:* Education
- Dorothy Brandon Hill, Columbus  
A.B. (University of Michigan)  
*Field of Specialization:* English
- Betty Temple Hinig, Columbus  
B.A.  
*Field of Specialization:* Education
- Joseph William Hoebler,  
Pittsburgh, Pa.  
B.S.Bus.Adm. (Duquesne University)  
*Field of Specialization:* Economics
- William Michael Holmes,  
Lakewood, Calif.  
B.A. (California State College at  
Long Beach)  
*Field of Specialization:* Sociology
- James Floyd Humphreys,  
Nitro, W. Va.  
A.B. (West Virginia University)  
*Field of Specialization:* Political  
Science
- Betty Brown Hurd, Grove City  
B.S. in Ed. (Capital University)  
*Field of Specialization:* Education
- David Richard Jensen, Portsmouth  
B.A. (Cedarville College)  
*Field of Specialization:* Speech
- Rajanikant Ramanlal Jhaveri,  
Bombay, India  
B.Com., LL.B. (University of  
Bombay)  
*Field of Specialization:* Accounting
- Michael Robert Johnson, Chicago, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Speech
- Judith Ann Kies, Wapakoneta  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education
- Olita Kakis Kins, Columbus  
B.F.A. in F.P.A. (Kent State  
University)  
*Field of Specialization:* Art
- Howard Ray Klehm, Marion  
B.S. in Edu. (Miami University)  
*Field of Specialization:* Music
- Anne Gladys Krause, Mayfield  
Heights  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Education
- Maureen Therese Krause, Chicago, Ill.  
B.A. (Northwestern University)  
*Field of Specialization:* German
- Anthony Joseph LaGreca,  
Omaha, Neb.  
A.B. (Creighton University)  
*Field of Specialization:* Sociology
- Larry Richard Lance, Columbus  
B.Edu. (University of Toledo)  
*Field of Specialization:* Education
- Evelyn Noelle Lawton,  
Huntington Station, N. Y.  
B.A. (New York State University  
College at Oswego)  
*Field of Specialization:* German
- Donald Arthur Leake, Ashtabula  
B.A.  
*Field of Specialization:* Psychology

- David Lee LeCrone, Columbus  
B.S.Ed. (Ohio Northern University)  
*Field of Specialization: Education*
- Marlene Warring Lehtinen, Ashtabula  
B.A.  
*Field of Specialization: Sociology*
- Carol Susan Lick, Lansing, Mich.  
B.A. (Western Michigan University)  
*Field of Specialization: Romance Languages*
- Oliver Charles Lineback, Nelsonville  
B.F.A. (Ohio University)  
*Field of Specialization: Design*
- Priscilla Irene Lodge, Bannock  
B.S. (Kent State University)  
*Field of Specialization: Education*
- Carolyn Smith Lotz, Fredericktown  
B.S. in Ed. (Otterbein College)  
*Field of Specialization: Education*
- Marilee Taylor Lowery, Worthington  
B.S. in Edu.  
*Field of Specialization: Education*
- James Joseph Lyons, Bronx, N. Y.  
B.S. (Fordham University)  
*Field of Specialization: Psychology*
- Deanna Ely Malan, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- John Edward Malin, Columbus  
B.S. in Edu.  
*Field of Specialization: English*
- Brenda Munsey Mapel, Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Education*
- Charles Russell Mason, Columbus  
B.A. (Capital University)  
*Field of Specialization: History*
- Evelyn Glenora Mathers, Chillicothe  
B.S. (Ed.) (Marion College)  
*Field of Specialization: Education*
- Frances Salisbury McDowell,  
Tarboro, N. C.  
B.A. (University of North Carolina,  
Chapel Hill)  
*Field of Specialization: German*
- Faith Ann Meister, Defiance  
B.A. (Defiance College)  
*Field of Specialization: Journalism*
- Sally Zoller Meyers, Dayton  
B.A. (DePauw University)  
*Field of Specialization: History*
- Leslie Joan Miller,  
Grand Rapids, Mich.  
B.A. (Aquinas College)  
*Field of Specialization: Sociology*
- Ronald Samuel Miller, Cleveland  
B.A.  
*Field of Specialization: English*
- Roy Louis Miller, Gurley, Neb.  
B.A. (Colorado State College,  
Greeley)  
*Field of Specialization: Political Science*
- William Shepherd Moore, II,  
Houston, Tex.  
B.A. (Texas Agricultural and  
Mechanical University)  
*Field of Specialization: Economics*
- Barbara Immel Muhlbach, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Theatre*
- Mary Jane Hill Mullin, Columbus  
B.S. in Edu.  
*Field of Specialization: Physical Education*
- Ronal Lee Murphy, West Liberty  
University  
B.S. in Edu. (Ohio Northern  
University)  
*Field of Specialization: Education*
- Cindy Filson Nelson, Springfield, Ill.  
B.A. (University of Illinois)  
*Field of Specialization: Romance Languages*
- Larry Gene Newby, Eldora, Ia.  
B.S. (Iowa State University)  
*Field of Specialization: Sociology*
- Jacqueline Thomas Niehaus, Columbus  
B.S. (Miami University)  
*Field of Specialization: Speech*
- Fumiko Higa Nishihira,  
Naha, Okinawa  
B.A. (Okinawa University)  
*Field of Specialization: Education*
- Judith Kaye Novine, Euclid  
B.S. in Edu.  
*Field of Specialization: Education*
- Sally Phipps O'Hara, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Barbara Harrod Olds, Wapakoneta  
B.S. (Northwestern University)  
*Field of Specialization: Education*
- Kathleen Lyons O'Shea, Columbus  
B.S. in Edu. (Ohio Dominican College)  
*Field of Specialization: Education*
- Michelle Jacqueline Pach,  
Rosedale, N. Y.  
B.A. (Queens College)  
*Field of Specialization: Classics*
- Ronald Bruce Parady,  
New York, N. Y.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Theatre*
- Vincent Pastor Peries,  
Negombo, Ceylon  
B.A. (University of Ceylon)  
*Field of Specialization: Physical Education*
- Linda Marilyn Peterson, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*
- Cheryl Spray Place, St. Marys  
B.A.  
*Field of Specialization: Romance Languages*
- John Richard Ponting,  
Burlington, Ont., Canada  
B.A. (University of Western Ontario)  
*Field of Specialization: Sociology*
- Nancy Carol Pozsgi, Pittsburgh, Pa.  
B.A. (Muskingum College)  
*Field of Specialization: English*
- Bonnie Jean Prowant, Milton, Pa.  
B.S. in Ed. (Bloomsburg State  
College, Pennsylvania)  
*Field of Specialization: Sociology*
- Charles Savas Raben, Totowa, N. J.  
B.A. (Fairleigh Dickinson University)  
*Field of Specialization: Psychology*
- Jerry Allen Rice, Schenectady, N. Y.  
A.B. (Asbury College)  
*Field of Specialization: Education*
- Terrence LaVerne Rich, Cincinnati  
B.S. (United States Military  
Academy); M.S.  
*Field of Specialization: Political Science*
- Norma Lee Richcreek, Columbus  
B.A.Mus.Ed. (Capital University)  
*Field of Specialization: Music*
- Bruce Lyon Riddle, Mt. Gilead  
B.S. in Edu.  
*Field of Specialization: Speech*
- Edward Benjamin Riley, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Marie Theresa Roach, Maspeth, N. Y.  
B.S. (Brooklyn College)  
*Field of Specialization: Physical Education (Health Education)*

- Robert James Rodosky, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Ann Audgerie Rudrauff,  
Bellevue, Wash.  
B.S. (Washington State University)  
*Field of Specialization:* Physical  
Education (Health Education)
- Roy LaMar Rummel, Columbus  
B.A. (Valparaiso University); B.D.  
(Concordia Theological University)  
*Field of Specialization:* Psychology
- Linda Sue Russell, New Albany  
B.A. in Jour.  
*Field of Specialization:* Journalism
- Rowland George Saal, Burbank, Calif.  
B.A. (California State College at  
Los Angeles)  
*Field of Specialization:* Sociology
- Jorge Ciro Santamaria, Quito,  
Ecuador  
B.A. (University of the Pacific)  
*Field of Specialization:* Economics
- Milena Ludovina Santander-Luna,  
Valparaiso, Chile  
*Field of Specialization:* Classics
- Mary Brady Scarbrough, Scott  
A.B. (Saint Frances College)  
*Field of Specialization:* History
- Thomas Dwayne Scheid, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Frank Anthony Schmallegger,  
Palmerton, Pa.  
B. of B.A. (University of Notre Dame)  
*Field of Specialization:* Sociology
- \*Craig Carter Schopmeyer,  
Silver Spring, Md.  
*Field of Specialization:* Political  
Science
- Roberta Hasan Segal, Columbus  
A.B. (University of Michigan)  
*Field of Specialization:* Education
- Virginia Leah Sharp,  
State College, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Geography
- Paul William Shearer, III,  
Hockessin, Del.  
B.A. (University of Delaware)  
*Field of Specialization:* Psychology
- David Shinar, Jerusalem, Israel  
B.A. (Hebrew University)  
*Field of Specialization:* Psychology
- Sirichai Sirikaya,  
Nontabure, Thailand  
B.A. (Chulalongkorn University)  
*Field of Specialization:* Political  
Science
- Colleen McCarthy Stillman, Columbus  
Ph.B. (Siena Heights College)  
*Field of Specialization:* Education
- Erich Franz Stocker, Columbus  
B.A.  
*Field of Specialization:* History
- David Wesley Strecker, Marietta  
B.A. (Denison University)  
*Field of Specialization:* English
- Leandro Maniwang Tapay,  
Balilihan, Bo., Philippines  
B.S.E. (Colegio De San Jose)  
*Field of Specialization:* Education
- Udo Franz Ustar, Dhron, Germany  
B.A.  
*Field of Specialization:* Journalism
- Thomas Anthony Valenti,  
Brooklyn, N. Y.  
B.A. (Catholic University)  
*Field of Specialization:* English
- Daniel Vanderhoek, New York, N. Y.  
B.A. (City College, New York)  
*Field of Specialization:* Philosophy
- Siriporn Dulayapoch Vongthieres,  
Bangkok, Thailand  
B.Ed. (Chulalongkorn University)  
*Field of Specialization:* English  
(TESOL)
- Gary Patton Waggoner,  
East Liverpool  
B.A. (Mount Union College)  
*Field of Specialization:* Education
- Jacqueline Walton, Danville, Va.  
B.A. (Howard University)  
*Field of Specialization:* Speech
- Thomas Joseph Wegren, Chicago, Ill.  
B. of Mus. (DePaul University)  
*Field of Specialization:* Music
- Kathy Ann Weinman, Toledo  
B.F.A.  
*Field of Specialization:* Art
- Judy Essex White, Ray  
B.S. in Edu.  
*Field of Specialization:* Education
- David Carlton Williams, Tiffin  
B.S. in Edu.  
*Field of Specialization:* Education
- Forrest Baird Williams, Conway, Ark.  
B.S. (State College of Arkansas)  
*Field of Specialization:* Geography
- Patricia Simmons Wilson, Columbus  
B.S. (Ohio University)  
*Field of Specialization:* Education
- Patricia Johns Wuichet, Columbus  
B.A.  
*Field of Specialization:* Speech
- David Walton Wynne, Elko, Ga.  
B.F.A. (University of Georgia)  
*Field of Specialization:* Dance
- Thomas Jeffery Yehl, Olean, N. Y.  
B.A. (Manhattan College)  
*Field of Specialization:* Political  
Science
- Joanna Badger Youmans, Columbus  
B.A. (Marietta College)  
*Field of Specialization:* Education
- Master of Business Administration**  
Twenty-eight candidates
- Larry Paul Buttermore, Westerville  
B.A. (Otterbein College)  
*Field of Specialization:* Business  
Administration
- Brian Robert Dundon, Worthington  
B.A. (Bowling Green State  
University)  
*Field of Specialization:* Business  
Administration
- Peter James Effinger, Columbus  
B.A. (Fordham University)  
*Field of Specialization:* Business  
Administration
- Dennis Michael Frank, Louisville  
B.S. in Dairy Tech.  
*Field of Specialization:* Business  
Administration
- John Patrick Hegarty, Barberton  
B.S.  
*Field of Specialization:* Business  
Administration
- Robert Michael Hobbs,  
Gainesville, Fla.  
B.A. (University of Florida)  
*Field of Specialization:* Business  
Administration
- George John Hoh, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration
- Alan Richard Holman,  
Wright Patterson  
B.B.A. (University of Texas)  
*Field of Specialization:* Business  
Administration
- \* Also Bachelor of Arts, Colleges of the Arts  
and Sciences

Robert Steven Jenkins,  
Claremont, Calif.  
B.S. (University of Colorado)  
*Field of Specialization:* Business  
Administration

Howard Joachim Kendall, Coshocton  
B.A. (Bucknell University)  
*Field of Specialization:* Business  
Administration

John Joseph Kohout, Pepper Pike  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Gabor Joseph Kovaacs, Columbus  
B.A. (Wittenberg University); M.S.  
*Field of Specialization:* Business  
Administration

Gerald Wayne Legue, Columbus  
B.W.E.  
*Field of Specialization:* Business  
Administration

Carl Thomas Leopold, Columbus  
B.S.I.M. (University of Cincinnati)  
*Field of Specialization:* Business  
Administration

James Edward Lesch, Bowling Green  
B.S. in Bus. Adm. (Bowling Green  
State University)  
*Field of Specialization:* Business  
Administration

Kenneth Milton Mailender, Cincinnati  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Anne Carol Meier, Huntington, Ind.  
A.B., M.S. in Ed. (Indiana  
University)  
*Field of Specialization:* Business  
Administration

William Jerome Nowak, Parma  
B.S. in B.A. (John Carroll  
University)  
*Field of Specialization:* Business  
Administration

William Price Powell, Dayton  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Robert Charles Radcliffe, Columbus  
B.B.S. (Ohio University)  
*Field of Specialization:* Business  
Administration

Terry Lee Schilling,  
West Des Moines, Ia.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Business  
Administration

Thomas Frederick Seebode,  
Worthington  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Business  
Administration

Robert Howard Shafran, Columbus  
B.S.  
*Field of Specialization:* Business  
Administration

David Robert Smith, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Phillip Sussman, Chicago, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Business  
Administration

Patt Taylor, Columbus  
B.S.E.E. (University of New  
Hampshire)  
*Field of Specialization:* Business  
Administration

Ahferom Tesfai,  
Addis Ababa, Ethiopia  
B.S. in Edu.  
*Field of Specialization:* Business  
Administration

Donald Stephen Woessner, Fostoria  
B.S.E.E. (University of Notre Dame)  
*Field of Specialization:* Business  
Administration

#### Master of City and Regional Planning

One candidate

Carol Welker Walker, New Concord  
B.Land.Arch.  
*Field of Specialization:* City and  
Regional Planning

#### Master of Music

One candidate

Sally Joe Wagner, Columbus  
B.S. in Edu.  
*Field of Specialization:* Music

#### Master of Science

One hundred and fifty-two candidates

\*Roger Duane Ahlberg,  
Worthington, Minn.  
*Field of Specialization:* Electrical  
Engineering

William Howard Anderson, Wooster  
B.S. in Agr.  
*Field of Specialization:* Botany

Linda Bitzer Antrim, Tampa, Fla.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Home  
Economics

Jack Theron Baker, Xenia  
B.I.E.  
*Field of Specialization:* Industrial  
Engineering

Michael Eugene Balmert,  
Pittsburgh, Pa.  
B.M.E.  
*Field of Specialization:* Nuclear  
Engineering

Nelson Arcangel Barranda,  
Caloocan City, Philippines  
B.S. (Araneta University)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Christie Lee Berner, Norwalk  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Ralph Edgar Best, Malvern  
B.S. in Phys.  
*Field of Specialization:* Electrical  
Engineering

Ardven Louis Blythe, Bethel Park, Pa.  
B.S. (Texas Agricultural and  
Mechanical University)  
*Field of Specialization:* Industrial  
Engineering

Mary Ann Bradford, Kettering  
B.S. in Nurs.  
*Field of Specialization:* Nursing

\*\*Jon Alan Brandt, Anna  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

\*\*\*William Elgar Brown, Hillsboro  
*Field of Specialization:* Civil  
Engineering

Donald Gene Broyles, Columbus  
B.S. in Edu.  
*Field of Specialization:* Botany

\* Also Bachelor of Electrical Engineering,  
College of Engineering  
\*\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home  
Economics  
\*\*\* Also Bachelor of Civil Engineering,  
College of Engineering

Susan Ankeny Buckingham,  
Denver, Colo.  
B.S. (Colorado College)  
*Field of Specialization:* Computer and  
Information Science

Janet Rose Burnside, Rushsylvania  
B.S. in Edu.  
*Field of Specialization:* Computer and  
Information Science

Jeanne Louise Burson, Columbus  
B.S. (Ball State Teachers College)  
*Field of Specialization:* Allied  
Medicine

William John Bux, Wadsworth  
B.S.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Albert Lincoln Caffo,  
Port Allegany, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Chemistry

Joan Stakem Campbell, Columbus  
B.S. (American University)  
*Field of Specialization:* Microbiology

Paulo Roberto Cantarelli,  
Piracicaba, S.P., Brazil  
Eng. Agron. (Escola Superior De  
Agricultura "Luiz De Queiroz")  
*Field of Specialization:* Microbiology

David Arthur Carlson, Trimont, Minn.  
B.A.E. (University of Minnesota)  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Stephen Joseph Carr, Columbus  
B.I.E.  
*Field of Specialization:* Industrial  
Engineering

Shu-Ping Chai, Taipei, Taiwan  
B.S. (National Tsing Hua University)  
*Field of Specialization:* Statistics

Hong Jo Chang, Seoul, Korea  
B.S.E. (Seoul National University)  
*Field of Specialization:* Electrical  
Engineering

Liu-Gei Chou, Tamsui, Taiwan  
B.Sc. (National Taiwan University)  
*Field of Specialization:* Plant  
Pathology

Chiwei Dick Chuang,  
Kaohsiung, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization:* Electrical  
Engineering

\*Phillip Dean Clady, Bucyrus  
*Field of Specialization:* Civil  
Engineering

Garry Dean Cole, Shelby  
B.Agr.E.  
*Field of Specialization:* Agricultural  
Engineering

Jay Martin Collins, Columbus  
B.W.E.  
*Field of Specialization:* Welding  
Engineering

Roxanna Holleman Craft, Celina  
B.S. (Northwest Missouri State  
College)  
*Field of Specialization:* Home  
Economics

Thomas Patrick Daly, Doylestown  
B.S. in Phys.  
*Field of Specialization:* Physics

\*\*James Wendell Davis, Columbus  
*Field of Specialization:* Industrial  
Engineering

Taletha Davis, Birmingham, Ala.  
B.S. (Knoxville College)  
*Field of Specialization:* Computer and  
Information Science

Anne Napier DeLaney, Columbus  
B.S. (Russell Sage College)  
*Field of Specialization:* Computer and  
Information Science

Kenneth Leo Demerjian,  
Watertown, Mass.  
B.A. (Northeastern University)  
*Field of Specialization:* Chemistry

Robert Lee Denison, Rutland  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical  
Engineering

Evert Wayne Denney,  
B.S. in Agr.  
Canal Winchester  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Carol Jane Dowler, Columbus  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Larry Richard Drees, Columbus  
B.S. in Edu.  
*Field of Specialization:* Agronomy

Ann Cheney Dudgeon,  
Cleveland Heights  
B.S.  
*Field of Specialization:* Genetics

William Wade Dunham,  
Pittsburgh, Pa.  
B.S. (University of Pittsburgh)  
*Field of Specialization:* Mathematics

\*\*\*Bradford Frank Dunn, Fostoria  
*Field of Specialization:* Chemical  
Engineering

William Franklin Edwards, Columbus  
B.C.E.  
*Field of Specialization:* Civil  
Engineering

Joaquim Jose de Camargo Engler,  
Piracicaba, S.P., Brazil  
Eng.Agr. (Escola Superior De  
Agricultura "Luiz De Queiroz")  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Walter Carl Ermler, Sycamore, Ill.  
B.S. (Northern Illinois University)  
*Field of Specialization:* Chemistry

James Owen Everly, Marion  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

\*Paul James Faust, Hillsboro  
*Field of Specialization:* Agricultural  
Education

Lewis Edgar Fikes, Hilliard  
A.B. (Earlham College) ; M.A.T.  
(Johns Hopkins University)  
*Field of Specialization:* Chemistry

Erling Atle Finland, AAS, Norway  
*Field of Specialization:* Dairy Science

Franklin Doyle Findley, Shreve  
B.S. in Agr.  
*Field of Specialization:* Agricultural  
Education

Donato Nicola Firrao, Bari, Italy  
*Field of Specialization:* Metallurgical  
Engineering

Richard Joel Freedman,  
New York, N. Y.  
B.S.  
*Field of Specialization:* Statistics

\* Also Bachelor of Civil Engineering,  
College of Engineering  
\*\* Also Bachelor of Industrial Engineering,  
College of Engineering  
\*\*\* Also Bachelor of Chemical Engineering,  
College of Engineering

John Bules Gbenedio, Warri, Nigeria  
B.S. (California State Polytechnic  
College)  
*Field of Specialization:* Agricultural  
Engineering

David Hausmann Gelperin,  
New York, N. Y.  
B.A. (Carleton College)  
*Field of Specialization:* Computer and  
Information Science

Mark Lee Gillenson, Brooklyn, N. Y.  
B.S. (Rensselaer Polytechnic  
Institute)  
*Field of Specialization:* Computer and  
Information Science

Thomas John Glover, Sidney  
B.S.  
*Field of Specialization:* Genetics

Davina Jeanette Gosnell, Brewster  
B.S. in Nurs. (University of  
Pittsburgh)  
*Field of Specialization:* Nursing

©David Randolph Grove, Rossford  
*Field of Specialization:* Chemical  
Engineering

John Albert Hage, Toledo  
B.A. (University of Toledo)  
*Field of Specialization:* Computer and  
Information Science

Teresa Harrod Hall, Harrod  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Gary Dean Herrin, Columbus  
B.S.I.E.  
*Field of Specialization:* Industrial  
Engineering

William Allen Hesse, Norwood  
B.S. in Edu.  
*Field of Specialization:* Zoology

Gary Richard Hilbert, Erie, Pa.  
B.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

David Howarth, Capetown,  
South Africa  
B.S. in Engr. (University of Cape  
Town)  
*Field of Specialization:* Civil  
Engineering

Ming-Ching Hsu, Hsinchu, Formosa  
B.S. (National Taiwan University);  
M.S. (National Osaka University)  
*Field of Specialization:* Pharmacy

Tzao Hua, Hsin Chu, Taiwan  
B.S.E.E. (Chinese Naval College of  
Technology)  
*Field of Specialization:* Electrical  
Engineering

Ronald Lee Hughes, London  
B.Met.E.  
*Field of Specialization:* Metallurgical  
Engineering

Stephen Charles Hustead, Columbus  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Physics

Jerome Oliver Jerome, East Cleveland  
B.S.  
*Field of Specialization:* Geodetic  
Science

Robert Paul Johnston, Jr., Flint, Mich.  
B.Cer.E.  
*Field of Specialization:* Ceramic  
Engineering

\*\*Kenneth Allen Kaufman,  
Brecksville  
*Field of Specialization:* Mechanical  
Engineering

Joseph Andre Keane,  
Schenectady, N. Y.  
B.S. (Union College, New York)  
*Field of Specialization:* Physics

Robert Ralph Kenyon, Waukegan, Ill.  
B.S.E.E. (Michigan Technological  
University)  
*Field of Specialization:* Electrical  
Engineering

John Edward Kinsey, Knoxville, Tenn.  
B.S. (University of Tennessee)  
*Field of Specialization:* Horticulture

Jerry Lee Kisner, Groveport  
B.S. (Engr.) (Case Western Reserve  
University)  
*Field of Specialization:* Electrical  
Engineering

Edward Joseph Klein, Louisville, Ky.  
B.A. (Bellarmine College)  
*Field of Specialization:* Computer and  
Information Science

Calvin Dorr Knight, Ashland  
B.S. in Agr.  
*Field of Specialization:* Agricultural  
Education

\*\*\*Arthur Theodore Knueve,  
Wapakoneta  
*Field of Specialization:* Electrical  
Engineering

Vinod Kumar, New Delhi, India  
B.S. (Eng.) (University of Bihar)  
*Field of Specialization:* Civil  
Engineering

Thomas Alfred LaPlante,  
Easthampton, Mass.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Metallurgical  
Engineering

Américo Luis Lárez,  
La Cruz, Venezuela  
Ing.Quim. (University of the Orient);  
B.S. (University of Puerto Rico)  
*Field of Specialization:* Chemical  
Engineering

\*\*\*Glen Howard Lenzen, Jr.,  
Morton Grove, Ill.  
*Field of Specialization:* Welding  
Engineering

David Richard Long, Albion, N.Y.  
B.S. (Cornell University)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Indra Jeet Loomba, Kanpur, India  
B.E. (University of Roorkee)  
*Field of Specialization:* Metallurgical  
Engineering

Louise Galloway Loomis, Columbus  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Denise Deschenes Lustick, Dublin  
B.A. (University of New Hampshire)  
*Field of Specialization:* Zoology

\* Also Bachelor of Chemical Engineering,  
College of Engineering

\*\* Also Bachelor of Mechanical Engineering,  
College of Engineering

\*\*\* Also Bachelor of Electrical Engineering,  
College of Engineering

\*\*\*\* Also Bachelor of Welding Engineering,  
College of Engineering

James Cletis Mabry, Waverly  
B.S. Agr. (University of Kentucky)  
*Field of Specialization: Agricultural  
Education*

Dale Jonathan Maczka, Independence  
B.S.  
*Field of Specialization: Physics*

Mostafa Hassan Mahmoud,  
Cairo, Egypt  
B.C.E. (Cairo University)  
*Field of Specialization: Civil  
Engineering*

Hugh Mailer, Columbus  
B.S. (Glasgow University)  
*Field of Specialization: Physics*

Maria Eulogia Maldonado,  
Altamesa, Puerto Rico  
B.S. (University of Puerto Rico)  
*Field of Specialization: Chemistry*

Judith Marsh Martens, Medina  
B.S. in Edu.  
*Field of Specialization: Botany*

Judith Allen Maxson, Chillicothe  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Karen Ruth Mayer, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Mike Thomas McCabe, Jr.,  
Shreveport, La.  
B.S. (Louisiana State University  
and Agricultural and Mechanical  
College)  
*Field of Specialization: Computer and  
Information Science*

Susan Ann McEvoy, Florence, Ky.  
A.B. (Villa Madonna College);  
D.M.D. (University of Kentucky)  
*Field of Specialization: Dentistry*

Mary Jane Mandeville McLean,  
Westerville  
B.S. in Occ. Ther.  
*Field of Specialization: Allied  
Medicine*

James Francis McNulty,  
Wheeling, W. Va.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Physics*

®William Lewis Mease, Jr.,  
Selinsgrove, Pa.  
*Field of Specialization: Civil  
Engineering*

®Daniel Jacob Menegay, Alliance  
*Field of Specialization: Ceramic  
Engineering*

Wendell John Meyerer,  
Livermore, Calif.  
A.B., B.S. (Rutgers University)  
*Field of Specialization: Metallurgical  
Engineering*

James Dominic Mieskoski, Cleveland  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

George David Mirka, Brecksville  
B.S. in Edu.  
*Field of Specialization: Natural  
Resources*

Ali Asghar Monibi, Tehran, Iran  
B.M.E.  
*Field of Specialization: Mechanical  
Engineering*

Sandra Fisher Murphy, Athens  
B.S. in Nurs.  
*Field of Specialization: Nursing*

James Saunders Nash, Lexington, Ky.  
B.S. (University of Kentucky)  
*Field of Specialization: Electrical  
Engineering*

Shamkant Bhalchandra Navathe,  
Calcutta, India  
B.S. (University of Poona, India);  
B.E. (Indian Institute of Science)  
*Field of Specialization: Computer and  
Information Science*

Terry Lee Neighbor, Columbus  
B.S.As.E. (University of Cincinnati)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Charles David Newton,  
Minneapolis, Minn.  
B.A., D.V.M. (University of  
Minnesota)  
*Field of Specialization: Veterinary  
Surgery and Radiology*

Walter Robert Nixon, II, Painesville  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Godfred Kramer Nymark  
Kalandseid, Norway  
B.S. (South Dakota School of Mines  
and Technology)  
*Field of Specialization: Electrical  
Engineering*

Stephen Michael Owen, Columbus  
B.C.E.  
*Field of Specialization: Civil  
Engineering*

Arunkumar Chhotubhai Patel,  
Johannesburg, South Africa  
B.S. (Maharaja Sayajirao  
University); B.Chem.Eng.  
(University of Dayton)  
*Field of Specialization: Chemical  
Engineering*

Monica Mary Pecuch, Manville, N.J.  
B.S. (New York University)  
*Field of Specialization: Nursing*

Anne Logan Pervaneau, Columbus  
Ed.B. (Rhode Island College of  
Education)  
*Field of Specialization: Genetics*

Rodney Allen Petteys, Bowling Green  
B.S. in Agr.  
*Field of Specialization: Agricultural  
Education*

®®®William Pierpoint, Reynoldsburg  
*Field of Specialization: Electrical  
Engineering*

Janis Busch Prasher, Rocky River  
B.S. in Edu.  
*Field of Specialization: Zoology*

Patricia Grayson Robinson,  
Shaker Heights  
B.A. (Fisk University)  
*Field of Specialization: Microbiology*

Judith Jones Ross, Scottsdale, Pa.  
B.A. (Denison University)  
*Field of Specialization: Botany*

Francis Matthew Ryck, Jr.,  
Rochester, N.Y.  
B.A. (Michigan State University)  
*Field of Specialization: Zoology*

Kewal Krishan SaijPaul,  
Ludhiana, Punjab, India  
B.S. (Panjab University);  
B.Sc. (Ag. Eng.) (Panjab  
Agricultural University)  
*Field of Specialization: Agricultural  
Engineering*

Naresh Chandra Saxena,  
Ajmer, Rajasthan, India  
B.E. (University of Rajasthan)  
*Field of Specialization: Agricultural  
Engineering*

Karl Richard Shaffer, Columbus  
B.E.E.  
*Field of Specialization: Computer and  
Information Science*

® Also Bachelor of Civil Engineering,  
College of Engineering.  
®® Also Bachelor of Ceramic Engineering,  
College of Engineering.  
®®® Also Bachelor of Electrical Engineering,  
College of Engineering.



Rajendar Kumar Sharma,  
Gurgaon, India  
B.S. (Agr. and Animal Husbandry)  
(Punjab Agricultural University)  
*Field of Specialization: Agronomy*

William David Sheasley, Franklin, Pa.  
B.S. (Grove City College)  
*Field of Specialization: Chemistry*

Sin Yan Shen, Singapore  
B.Sc. (University of Singapore)  
*Field of Specialization: Physics*

Sally Ann Smith,  
Washington Court House  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Janina Ann Smoke, Tiffin  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Babatunde Olufemi Sowemimo,  
Lagos, Nigeria  
B.Pharm. (University of Ife)  
*Field of Specialization: Pharmacy*

Roger Lee Spencer, Dayton  
B.S.As.E. (University of Cincinnati)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Alan Peter Sprague, Rochester, N.Y.  
A.B. (Oberlin College); M.A.T.  
(Northwestern University)  
*Field of Specialization: Mathematics*

Joan Doyle Stein, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Cara Schrock Steiner, Archbold  
B.S.N. (Goshen College)  
*Field of Specialization: Nursing*

Paula Rinehart Strayer, Dublin  
B.S. in Nurs., B.S. in Edu.  
*Field of Specialization: Nursing*

Karleen A. Streitenberger, Columbus  
B.S. in Nurs. (University of  
Cincinnati)  
*Field of Specialization: Nursing*

Harry Jauncey Sweet, III,  
Coronado, Calif.  
B.S. (United States Naval Academy)  
*Field of Specialization: Geodetic  
Science*

Charles Edward Taylor, Lakewood  
B.S.E.E. (Ohio University)  
*Field of Specialization: Industrial  
Engineering*

John Norman Thatcher, Delphos  
B.S. in Agr.  
*Field of Specialization: Agronomy*

Viswanathan Thenappan,  
Tiruchy, India  
B.E., M.Sc. (University of Madras)  
*Field of Specialization: Electrical  
Engineering*

Sue Rishel Traub, Mount Union, Pa.  
B.S. in H.E. (Indiana University of  
Pennsylvania)  
*Field of Specialization: Home  
Economics*

\*Lawrence Eugene Valentine,  
Dennison  
*Field of Specialization: Civil  
Engineering*

David Elden VanDuyne, Towaco, N. J.  
B.S. (Fairleigh Dickinson University)  
*Field of Specialization: Physics*

Joseph Michael Vanecko,  
St. Clairsville  
B.Met.E.  
*Field of Specialization: Metallurgical  
Engineering*

Peggy Jo Varnell, Memphis, Tenn.  
B.S. in Nurs. (University of  
Tennessee)  
*Field of Specialization: Nursing*

Robert Leonard Vollbracht,  
St. Johns, Mich.  
B.S. (University of Michigan)  
*Field of Specialization: Computer and  
Information Science*

Bruce Jay Whittemore, Waterloo, Ia.  
B.A. (State College of Iowa)  
*Field of Specialization: Computer and  
Information Science*

John Wayne Wingert, Canton  
B.Cer.E.  
*Field of Specialization: Ceramic  
Engineering*

Danley Bryan Wolfe, Columbus  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Howard Francis Wolfe, Kettering  
B.M.E. (University of Dayton)  
*Field of Specialization: Mechanical  
Engineering*

Jan Beryl Yates, Pataskala  
B.M.E.  
*Field of Specialization: Mechanical  
Engineering*

Anthony Paul Yohman, Lorain  
B.S. in Phar.  
*Field of Specialization: Pharmacy*

\* Also a Bachelor of Civil Engineering,  
College of Engineering

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Dean for Undergraduate Programs: Lawrence J. R. Herson

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

### College of The Arts

Dean, Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur Adams

### College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### College of Social and Behavioral Sciences

Acting Dean: Dr. James G. Martin

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Eight candidates

Deborah Smith Dresbach, Columbus  
Denise Audrey Field, New York, N. Y.  
Donna Ruth Finley, Columbus  
Ann Laurel Goldman,  
University Heights  
Johanna Lisa Jones, Columbus  
Ronald George Skrepich, Lorain  
Dean McAllister Stewart, Cincinnati  
Philip Ray Warner, Columbus

### Bachelor of Fine Arts

Seventeen candidates

Nancy Luella Anderson,  
Nevada City, Calif.  
William DeVoss Bassler, McDermott  
Claudia Ann Bevinger, Columbus  
Carol Jeffers Borelli, Columbus  
Susan Clare Bowe, Dayton  
Kaye Michele Darling, Columbus  
Karen Ruth DiLeone, Cleveland  
Gerald Alan Larcomb, Marysville

Susan Ruth Lash, Massillon  
Sheryl Ann Levine, Portsmouth  
B.S. in Soc. Wel.  
James Lowell Lewis, Mineral Ridge  
Richard Allen Metzger,  
Olmsted Falls  
Marisa Regina Rossi, Princeton, N. J.  
James Andrew Scott, Columbus  
William John Slowter, Columbus  
Christopher Kennedy Steele, Columbus  
Judith Lori Weinstein, Fort Lee, N. J.

### Bachelor of Music

Four candidates

Susan Rebecca Meyer, Mansfield  
James Michael Sergi, Columbus  
Julie Anne Stern, Cleveland Heights  
Penelope Lee Taft, Spokane, Wash.

**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 pages forty-two and forty-three

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Two candidates

John Luke Breitenbach, Cincinnati  
Edmond Joseph Hay, Jr., Columbus  
B.S. in Edu.

### Bachelor of Science

Forty-three candidates

Walter Robert Amacher, Jr., Massillon  
George John Apostolos, Canton  
Sanford Lee Black, Suffield  
Thomas Allen Bradbury, Canton  
Thomas William Call, Columbus  
Gerald Emil Cichra, Cleveland

Richard Michael Clark, Westerville  
Kohut Pete Czaruk, Wintersville  
William Cullen Donovan, St. Marys  
Thomas Osler Duncan, Cambridge  
Roshan Nasser Eggertsson, Columbus  
Barbara Bane Giltz, Columbus  
Geoffrey Schad Groves, Vermilion  
Edward Richard Hanna, Warren  
Howard Milton Harman, Sandusky  
Gene Raymond Heath, Columbus  
Harold Mark Henry, Cleveland  
Paul Gary Heyslinger, Lorain  
Walter Irvin Horne, Columbus  
Lloyd Robert Jones, Pound Ridge, N.Y.  
Phillip Martin Jones, Trotwood  
Tim Kreiter, Columbus  
Kenneth Gregory Lambert, Lakewood  
Jeffrey Eugene Lawson, Kent  
Daniel Lee Mault, Columbus  
William Leroy Mavis, Reynoldsburg  
Daniel Boyd McCarthy, Worthington  
Robert Joseph McClaskey, Columbus  
Carl Floyd Medley, Columbus  
Steven Kent Miller, Sugarcreek  
Carolyn Marie Mote, Franklin  
Robert Michael Neal, Kenton  
Susan Jeanne Nelson, Euclid  
Raymond Paul Orwig, Fostoria  
Agnes Mokhitli Setai,  
Basutoland, Africa

Thomas John Shuster, Youngstown  
Stanley Roger Smith, Columbus  
Dennis William Stevenson, Columbus  
Robert Baker Streifthau, Middletown  
Albert Andrew Vargo, Jr., Toledo  
Ronald Keith Weeter, Westerville  
John Robert Whitehurst, II,  
Middletown  
Paul Honkwan Yu,  
Wanchai, Hong Kong

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

Seventy-seven candidates

John Keith Alberty, Columbus  
Paul Joseph Baesckay, Parma  
Clara Jeannette Baker, Sidney  
Raymond Andrew Bardar, Columbus  
Janis Marie Battaglia, Bedford  
Johanna Moesbrugger Beaver,  
Delaware

Barbara Bellis, Fairborn  
 Frederick Lee Berkemer, Columbus  
 Edward Augustus Bower,  
 Houston, Tex.  
 Barbara Ursula Brown, Mansfield  
 George Mantlebirt Brown, Columbus  
 Nancy Louise Cox, Shelby  
 Beverly Jean Cunningham, Columbus  
 Tamara DeBuselle, Westlake  
 Margaret Ann Dimaechia, Lorain  
 Thomas Clayton Doolan, Cincinnati  
 John Willis Drummond, Jr., Columbus  
 Kathilyn Durnford, Columbus  
 Steven Frederic Eisler,  
 Peekskill, N. Y.  
 Paul Lionel Endich, Steubenville  
 Michael Jordan Fairchild, Findlay  
 Marsha Karin Firestone, Canton  
 John Miles Folsom, Toledo  
 Karen Lee Fox, Cincinnati  
 Otis Earl Garrison, Hillsboro  
 Ruzena Roth Gordon, Akron  
 Kenneth Michael Griffin, Columbus  
 Janie Lynne Harris, Columbus  
 Patricia Lynn Hefner, Bay Village  
 John David Hite, Columbus  
 Tracy Myra Horwin, Ashland, Ky.  
 Michael Lester Hyjek, Buffalo, N. Y.  
 Alan Lee Jacoby, Columbus  
 Charles Israel Kampinski,  
 South Euclid  
 Paul Dennis Keller, Columbus  
 \*Anne King, Mt. Sterling  
 Sharon Kay Kirk, Columbus  
 Dennis Clayton Knepley, Columbus  
 Kathleen Francis Kwapich, Toledo  
 Susan Ann Lally, Columbus  
 Bruce Allen Lange, Columbus  
 Marcia May Lauritsen, Columbus  
 John Richard Looman, Canton  
 Harold David Martin, Columbus  
 Cheryl Kay Maurer, Botkins  
 Julia Ann Mayer, Mansfield  
 Thomas Stephan McCoy, Akron  
 James McCoy Melick, Jr., Roseville  
 James Allen Moore, Galion  
 Patricia Blair Moore, Cleveland  
 David Frank Nicolosi, Cleveland  
 Sandra Marie Obodzinski,  
 Fairview Park  
 Thomas John Photos, Marion  
 Edward Stephen Preusse, Akron  
 James Robert Rade'iff, Canton  
 Richard Allen Records, North Olmsted  
 Carol Jean Reed, Brecksville  
 Michael Jay Rosenberg, Dayton  
 Bruce Irwin Roth, Columbus  
 James Daniel Shatzer, Kettering

Rosemary Hecker Smith,  
 New Lexington  
 Jerry Phillip Spangler, Worthington  
 Harold McBride Thurston, III,  
 Kettering  
 Lyn Max Traven, Euclid  
 Patricia Cornelius Travnicsek,  
 Galloway  
 Thomas Michael Vellani, Columbus  
 Kathleen Marie Vogt, Akron  
 Colleen Marie Walsh, Findlay  
 Jeffrey Allen Weinberger,  
 University Heights  
 Jon Berry Weisheimer, Columbus  
 Diane Sue Wilmeth, Leesville, S. C.  
 Kathleen Ann Wilson, Tiffin  
 Roger Lewis Wilson, Reynoldsburg  
 Warren Reed Wolf, Glen Cove, N. Y.  
 George Charles Wood, Cincinnati  
 Cathryn Tusick Werth, North Olmsted  
 Sidney Mark Zuckerberg,  
 Teaneck, N. J.

Donald Charles Glavan, Minerva  
 Robert John Gronck, Columbus  
 John Noel Hansson,  
 Painted Post, N. Y.  
 Gene Oliver Johnson, Columbus  
 Dudley Raybon Kindrick,  
 Wake Village, Tex.  
 Paul Christian Kirk, Olmsted Falls  
 Ruedy Werner Leeman, Brewster  
 Dennis Michael Murphy, Rome  
 Robert William Ogg, Worthington  
 Rodney Paul Perkins, Xenia  
 Carol Marjorie Ram,  
 Great Neck, N. Y.  
 Joe David Robbins, Columbus  
 Michael Eric Robertson, Granville  
 Nancy Jean Robertson, Malvern  
 Jack Melroy Sanderson, Jr., Columbus  
 John Thomas Tomazic, Lorain  
 Carl Triplett, Lima  
 Raymond Henry Trout, Tipp City  
 B.A.  
 Bernard Joseph Urbas, Lorain  
 Roger Earl Warren, Columbus  
 David Allan Wash, Fremont

## College of Mathematics and Physical Science

Dean: Geoffrey Keller

### Bachelor of Arts

Three candidates

James Parke Davies, Orrville  
 Anthony Edward Kiefer, Coshocton  
 Stephen Frederick Miller, Columbus

### Bachelor of Science

Thirty-three candidates

John Anthony Bartoloni, Columbus  
 Norman John Berls, Columbus  
 John Edward Boyd, Mayfield Heights  
 Larry Henry Brewer, Columbus  
 Gary Neil Burk, Cleveland Heights  
 Jeffrey Paul Calebaugh, Williamsburg  
 James Staton Calvert, Worthington  
 Ronald Jan DeHaas, Youngstown  
 Bernard Eugene Doran, Blacklick  
 Douglas David Farbrother, Columbus  
 Dale Andrew Forrest,  
 Winona Lake, Ind.  
 Roselyn Hsin-Chin Fu,  
 Managua, Nicaragua

## College of Social and Behavioral Sciences

Acting Dean: Dr. James G. Martin

### Bachelor of Arts

One hundred and twenty-two candidates

Thomas Howard Adams,  
 North Olmsted  
 Jane Manon Allen, Columbus  
 Michael Stephen Allwine, Galion  
 James William Augustino,  
 Portsmouth  
 Richard Joseph Barrett, Columbus  
 Paul Frederick Bergman, Dayton  
 Laurie Byrne Betzhold, Columbus  
 Charles Arnold Bleakney, Columbus  
 Erick Joseph Blongren, Columbus  
 Donald Wayne Brown, Jr.,  
 Marion, Ind.

\* Also Bachelor of Science in Education.

Jerrold Harvey Brown,  
Demarest, N. J.

Craig Cobham Bryant, Teaneck, N. J.

Patricia Roche Byler, Cleveland

Joseph Fredrick Caito, Columbus

Nancy Gene Canowitz, Columbus  
B.A. (Washington University)

Gayle Solack Carson, Lorain

Carl William Clark, Urbana

Joseph John Conley, Painesville

James Louis Conrad, Columbus

Roy Peter Cooper,  
Hilton Park, Australia

James Earl Corba, Bellville

Steven Richard Crapser, Groveport

Robert Joe Crnko, Lorain

\*Patricia Lee Crosby, Columbus

Daniel Martin Cruz, McLean, Va.

Richard Francis Culp, Columbus

Scott Duane Deubner, Columbus

Cynthia Drodouski Donahay,  
Columbus

John Anderson Ekers, II, Columbus

Moritz Matthew Ericsson, Marietta

Harry Lee Fleming, Marietta

Elaine Ruth Foote, Cleveland

Terrence Lee Foran, Lakewood

Lois Colette Galza,  
Orchard Park, N. Y.

James Jay Glueck, Cincinnati

Jo Ann Goekenbach, Columbus

William Dale Godsey, Columbus

Carol Ann Goldin, Monsey, N. Y.

Patricia Lynne Gracey,  
New Kensington, Pa.

Elizabeth Phoebe Graham,  
Ligonier, Pa.

Stephen Louis Gramm, Columbus

James David Gruff, Columbus

John Franklin Gutman, Botkins

Larry Lee Hammond, Monroe

John Kevin Harris, Cincinnati

Wayne Martin Hauptert,  
Port Washington

Gale Cheryl Heighton, Lynchburg, Va.

Linda Ruth Hengst, Warren

Jean Catherine Hennessy,  
West Hartford, Conn.

Roy Michael Hillyer, Jr., Columbus

Fredric Lee Hirschbein,  
Lido Beach, N. Y.

Patrick Steven Holian, Novelty

Thomas Francis Hotlosz, Bellaire

James Evans Hughes, Columbus

Eric Lee Hummell, Columbus

David Charles Hunter, Columbus

Gary Marc Jacob, Cleveland Heights

Richard Alan Karg, Dayton

Barry Paul Kaufman,  
Massapequa, N. Y.

Jacques Carl Kerber, Columbus

Stephen Craig Kerns, Sidney

Alice Simcox Kimmel, Columbus

Dennis James Kniola, Reynoldsburg

Lee Thomas Koehler, Reading

Edward William Koeppen, Columbus

David Allen Kuck, Wapakoneta

James F. LaPoint, Lima

Joseph Donald LaRocco, Parma

James J. Lawrence, Columbus

Ruthann Lear, Elyria

William Ellis Leber, Columbus

Terry Kent Lewis, Columbus

Thomas James Lewis, Worthington

Kent Frampton Lowry, Worthington

Gerald Elmo Lucas, Columbus

Patricia Ann McGinnis, Rocky River

Timothy Paige Meehan, Columbus

William Alan Meier, Columbus

Joel Richard Mercer, Wapakoneta

Larry Alan Morgan, Circleville

Vernette Nord Morrice, Newark

Thomas Clinton Morrison, Sylvania

Jean Marguerite Nelson,  
Phuket, Thailand

Irene Margaret Nielsen, Euclid

James Michael Oyer, Columbus

Virginia Allen Petry, Greenville

George Scott Place, Saint Marys

John Patrick Porn, Oak Park, Ill.

Elizabeth JoAnne Pruitt, Portsmouth

James Richard Puhger, Euclid

Shannon Marie Quinn, Lima

Barton Robert Ribakow,  
Washington, D. C.

Michael Irving Rodner, Cincinnati

Eugene David Rogers, Columbus

Ronald Stewart Rybak, Columbus

Gail Lynn Salamon, Chicago, Ill.

Charles Keith Samelson, Dayton

Bruce Andrew Sanders, Columbus

Sherrie Schmidt, Marysville

Judith Ann Schofield, Cincinnati

\*Craig Carter Schopmeyer  
Silver Spring, Md.

Richard Neal Seiler, Troy

Sophie Siller, North Bay Village, Fla.

Stephen Leroy Sloan, Columbus

Thomas Lawrence Smeller, Columbus

Patricia Clingo Snider, Columbus

Andrew Leighton Sparks, Warren

George William Spellmire,  
Oak Park, Ill.

James Edward Steffen, Columbus

Lynne Hillstrom Steinfurth,  
Columbus

Sherry Lynn Swedenborg, Ashtabula

Jeffrey George Thomas, Parma

Walter William Trimble, Worthington

Miriam Deering Walz, Columbus

William George Watson, Youngstown

Norma Jellison Weisner, Columbus

Sandra Ann Wiersma, Mansfield

Walter Scott Wilber, Canton

Geary Steven Willis, Columbus

William Kenneth Wingfield, Ridgeway

Hilla Margaret Zerbst, Roanoke, Va.

Margaret Mathna Zgonc, Lorain

#### Bachelor of Science

Twenty-two candidates

James Woodburn Barney, Waynesville

Hugh McIntosh Danville, Columbus

Clifford Robert DeStephens, Lima

Elizabeth Hicks Gibson, Cincinnati

Warren Edmond Godenow, Columbus

Jacquelyn Hope Henry, Columbus

William Raymond Kleinhenz,  
Columbus

Harriet Lynne Kolp, Columbus

Bruce Charles Maag, Ottoville

Joseph William Mason, Alliance

John Lawrence McConnell, Milan

Timothy Richard Meehan, Ashtabula

Thomas Richard Noll,  
North Ridgeville

Daniel Lee Oliver, Columbiana

Lawrence Lewis Riccio, Margate, N. J.

William Russell Stern, Fairview Park

Wamelia Ann Travis-Bey,  
Phoenixville, Pa.

Alan Joseph Vovk, Parma

Stephen Richard Watkins, Trotwood

John Charles Wilson, Columbus

George Allan Wynn, Columbus

Alan Frank Zgonc, Columbus

#### Bachelor of Arts in Journalism

Nine candidates

Kenneth Lee Bandy, Beloit

James Stevenson Brewer, Loudonville

Richard Warren Buelow, Grove City

John Albert Coppeler, Columbus

Vincent Mark Doria, Youngstown

\* Also Bachelor of Science in Education,  
College of Education

\*\* Also Master of Arts, Graduate School

## College of Administrative Science

Dean: James R. McCoy

Steven Lowell Hemmeigarn,  
Worthington  
John McCurdy Milton, Jr.,  
Worthington  
David Lincoln Pildas, Cincinnati  
Harold Michael Snyder, Columbus

### Bachelor of Science in Business Administration

One hundred thirty-nine candidates

Lawrence Curtiss Abbott, Columbus  
Walter Richard Alesi, Salem  
Suzanne Gail Arndt, Parma  
Guy Gregory Ault, Shadyside  
Thomas Anthony Backhus, Cincinnati  
John Roderick Baird, Parma  
Richard Alan Beck, Roslyn, Pa.  
Steven Robert Becker, Wapakoneta  
Alice Tybout Beery, Worthington  
Dean Stephen Bittner, Mt. Healthy  
Paul William Bohlman,  
Massapequa Park, N. Y.  
Arthur Bohm, University Heights  
Mark Geoffrey Botts, Marion  
Roger Allan Bowman, Wilmington  
Jack Russell Brenner, Massillon  
Mark Terry Broida, Akron  
John Franklin Brown, Jr.,  
Columbiana  
David Rea Buchanan, Rome, Ga.  
Ricky Allen Bucher, Mansfield  
Keith Richard Bugos, Columbus  
Thomas Leo Busch, Euclid  
Ronald Ray Canham,  
Traverse City, Mich.  
John Michael Carroll, Chillicothe  
Herbert Lee Coffield, St. Clairsville  
Carol Rose DiNapoli, Tiltonsville  
Alan Craig Donaldson, Mansfield  
John Hugh Dorr, Columbus  
George Shanly Eichenauer, Sylvania  
Jack Eisenberg, Flushing, N. Y.  
David Alan Ferber, Canal Winchester  
Leo John Ferryman, Springfield  
Jeffrey Pien, University Heights  
Gary Freeman, Dayton  
Joseph Lawrence Frey, Cincinnati  
Richard Thomas Fulmer, Jr., Warren  
Michael Paul Garvic, Springfield  
James Francis Gideon, Lima  
Donald Lynn Gopp, Dover  
Susan Cynthia Gordon, Columbus  
Stephen Leonard Graumlich,  
Washington C. H.  
Barbara Grosskopf Gray,  
Martinsville, Ind.  
Michael Dominick Grimaldi,  
Scotch Plains, N. J.  
David Elliott Gurvis, Columbus  
Jack Anthony Hackmann, Toledo  
James Lynn Haines, Heath  
Freeman Hamilton, Jr., Greenwich  
Howard James Harriman, Lima

William Wilson Hendrickson,  
Fairview Park  
Margaret Ellen Hess, Columbus  
Newton Theodore Hess, Columbus  
Thomas Ray Hilliker, Columbus  
Monty Alan Houdeshell, Newark  
Phillip Clifford Houlette, Youngstown  
Charles Harvey Howick,  
Port Washington, N. Y.  
Daniel Martin Hummer, Middletown  
John Howard Ireland, Kettering  
Robert Arthur Irwin, Columbus  
Alan Rocco Jack, Wintersville  
Stephan William Kach, Columbus  
Julius Lee Karst, Van Wert  
Walter Stephen Kasica, Passaic, N. J.  
Philip John Kennedy, Akron  
John Reppart Kirkland, Cadiz  
Frank Makovec Klaus, Cleveland  
Roger Earl Laman, Cleveland  
Gary Arnold Last, Columbus  
William Edward Lee, Columbus  
John Hadley Lockwood, Lima  
Clayton Hugh Long, Toledo  
Michael Madison Lucas, Columbus  
Ronald Henry Luhrs, Cleveland  
Jeffrey Lee Machson, Teaneck, N. J.  
Daniel Lee Madden, Ashtabula  
William Anthony Marshman,  
Columbus  
Steven Craig McCaughy, Columbus  
John David Mehall, Shelby  
Eugene Joseph Meo, Elyria  
Richard Ives Meyer, Columbus  
Duane Elbert Middlesworth, Toledo  
Paul Martin Miller, Cincinnati  
Thomas Fred Miller, Columbus  
Charles Aurelius Moore, Columbus  
Terry Wayne Morrison, Newark  
Gates Skiffington Murchie,  
Henniker, N. H.  
Thomas Michael Murnane, Columbus  
Ronald Lee Murray, Toledo  
Thomas Anthony Nastoff, Urbana  
James Thornton Neale,  
Ft. Walton Beach, Fla.  
Robert Kurt Oates, Kenton  
James Dennis Owens, Fairpoint  
William Ernest Painter, Chardon  
Dennis Frank Parish, Galion  
Wayne Steven Pawuk, Parma  
Stephen Alan Pepple, Lima  
Richard Carlton Postle, Columbus  
Ricky Lee Potts, Shelby  
David Emerson Price, Columbus

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Richard Wayne Price, Kettering  
Loudell Ann Printz, Canton  
Barry William Recht, Barberton  
Donald Robert Reese, Orient  
Joe V. Reichman, Pomeroy  
John Robert Roemer, Toledo  
Steven Paul Rosenmutter,  
Lincolnwood, Ill.  
Andrew Brooke Rucker, Coshocton  
Timothy Albert Schott, Euclid  
James Darryl Scoco, Brook Park  
Lawrence Edward Seck, Norwalk  
Richard Paul Seiter, New Bloomington  
Hal Dean Sheaffer, Nevada  
Kenneth Edward Shulak, Toledo  
Ronald Gary Simon, Shaker Heights  
Stephen Michael Skapik, Dayton  
Robert Michael Smith, Columbus  
David Alan Steiger, Solon  
Gabriel Stephen Sterling, Jr.,  
Columbus  
Ronald Peter Stoyanoff, Lorain  
Jon Milton Swanson, Columbus  
William Edward Taylor, III,  
Portsmouth, N. H.  
Edward William Towers, Columbus  
Pete Triantafilledes, Cleveland  
David Leonard Tryda, Parma  
Alan Bernard Vicstein, Cleveland  
Gregory Crooks Vogel, North Fairfield  
Robert Dale Wagner, Lakeville  
James Ballard Walter, Lorain  
Donald Edward Walters, Sunbury  
James Joseph Watkins, Columbus  
James Robert Weaver, Akron  
Paul Louis Weiner,  
Warrensville Heights  
Roger Allen Willis, Norwalk  
Jack Edward Wilson, Berea  
Steven Eugene Wilson, Marietta  
Walter Stanley Wilson,  
West Rushville  
Richard Leroy Wiltshire, Columbus  
Timothy Ray Wollam, Cortland  
Steven Lee Worman, Columbus  
James Allen Yappel, Maple Heights  
James Chris Zelein, Hebron

### School of Social Work

#### Bachelor of Science in Social Welfare

Nineteen candidates

Darlinda Smith Andrews,  
West Farmington  
Leanne Brown, Miami, Fla.  
Tom Daniel Brown, Springfield  
Paul Leonard Damron, Columbus  
Nancy Sisson Gaydos, Westerville  
Barbara Jean Kohlhaas, Cortland  
Amy Jane Leventhal,  
Hewlett Harbor, N. Y.  
Kenneth Peter Lucchin, Concord, N.H.  
Joanne McCully, Cleveland  
Carole Smatt Menge, Brooklyn  
Margaret Ann Morris, North Canton  
Steven Lewis Piatt, Lakeview  
Diane Kitts Post, Columbus  
Jacquelyn Rawlings, Maitland, Fla.  
Randy Sue Shapoff, Shaker Heights  
Linda Leighton Sneeringer,  
Port Clinton  
Mary Ann St. Angelo, Ashtabula  
Ellen Leigh Wackerman,  
Rochester, N. Y.  
David Allen Whitfield, Massillon

#### Bachelor of Science in Agriculture

Seventy-two candidates

John Henry Aldrich, Pierpont  
Charles Alan Andrews, Bloomingburg  
Frances Shuler Arent, II, Hamilton  
Joseph John Batman, Jr., Cleveland  
Richard Louis Boehm, Cincinnati  
Roger Alan Bossley, Geneva  
Michael William Brake,  
Milford Center  
\*Jon Alan Brandt, Anna  
Loren Louis Breisford,  
Newcomerstown  
Steven Wayne Cosgray, Plain City  
Stephen Roy Craig, Mt. Sterling  
Jon Michael Cunningham, Middleport  
Paul Evan Davis, Columbus  
Barry Hal Deutsch, Beachwood  
Donald James Duffey, Cambridge  
James William Dulin, Kenton  
\*Paul James Faust, Hillsboro  
Kenneth Robert Fliehman, Harrison  
Gary Lee Flinn, Houston  
Gerald Barrett Franks, Columbus  
Roger L. Frisch, Tiffin  
Jonathan Carl Gerken, Hamler  
Robert Allen Givens, Louisville  
James Arthur Gray, Stow  
Edward Raymond Haak, Ontario, N. Y.  
Dennis Frank Habrun, Bolivar  
Tommy David Hatfield, Reynoldsburg  
Benjamin Jay Hauck, Columbus  
Frederic Thomas Heasley, Perrysville  
Philip William Hershey, Victor, N. Y.  
William Joseph Hoewischer, II, Sidney  
Robert Lee Hunter, Salem  
Huley Eugene Johnson, Dayton  
Gary Dwyer Junk, Washington C.H.  
Marvin Boyd Katter, Wapakoneta  
Danny Allen Keller, Ada  
John Albert Kerr, Troy  
John Stewart King, Springfield  
William Roy Klepinger, Union  
Terry Lee Leber, Sandusky  
Thomas John Lloyd, Bowerston  
Harold James Loke, Oakland, N. J.  
Edward Donald Lukuch, Rittman  
Leigh Douglas Mantell, Cleveland  
Daniel Paul Mazur, Sylvania  
Charles Frederick McCluskey, Jr.,  
Mt. Vernon  
Ronald Lee McGuire, Dayton  
John Marlin McLaughlin, Columbus

\* Also Master of Science, Graduate School

## College of Dentistry

Dean: John R. Wilson

Lynn Robert Miller, Mt. Vernon  
Walter Kirk Miller, Richwood  
Thomas Ray Moss, Greenwch  
Andrew Samuel Pallant, Geneva  
Mark William Phillips, Ashville  
Pamela Jo Phillips, Columbus  
Donald Lynn Plummer, Belle Center  
Susan Elizabeth Porteus, Coshocton  
Roger Deane Rigel, Leipsic  
Carl Richard Ritterspach, Nevada  
Marshall Lee Rosene, Warsaw  
Ronald Andrew Schaefer, Medina  
Edward Alfred Schrier, Bucyrus  
David Arnold Snyder, Baltic  
Daniel Morris Stone, Ashland  
Danny Lee Swartz, Shiloh  
Joseph Michael Szuszkiewicz, Chardon  
Thomas Richard Thomas, Kinsman  
Glenn Miller True, Jr., Fostoria  
Joyce Marie Turk, Euclid  
John Thomas Whinnery, Adena  
Jerald Clancy Woodard, Waterford  
Dale Eugene Young, II, Columbiana  
Mary Elizabeth Tucker Zimmer,  
Lowell

### **Bachelor of Science in Food Technology**

Two candidates

Richard Joseph Dafler, Eaton  
Craig Louis Kaiser, Port Clinton

### School of Home Economics

### **Bachelor of Science in Home Economics**

Forty-one candidates

Cynthia Oaklief Anschutz, Lucas  
Dianne Barker, Marietta  
Sharon Phillian Blocher, Delaware  
Joy Ann Borchers, Vandalia  
Martha Edna Borrer, Columbus  
Carol Sue Bowersock, Spencerville  
Carolyn Jane Butler, Crown City  
Linda Kay Endsley, Coshocton  
Jacquelyn Feldman, Columbus  
Linda Lee Fritz, Mt. Gilead  
Sylvia Marie Hickman, Troy  
Beverly Jean Huffman, Bloomingdale  
Charlotte Ann Hutson, London

Avis Francine Jenkins, Canton  
Dorcas Elaine Jolliff, Lafayette  
Mary Moore Jones, Cincinnati  
Donna Jenks Klise, Columbus  
Sandra Lee Knodel, Columbus  
Estelma Louise Knox, Dayton  
Susan Marie Krody, Cincinnati  
Michele Fitzgerald Kunk, Springfield  
Kathleen Ann Lenander, Columbus  
Sandra Kay Loy, Dayton  
Susan Deck McGough, Reading, Pa.  
Barbara Rheuble Meiring, Dayton  
Margaret Madison Millhouse, Dayton  
Carol Joan Modeski, Short Hills, N. J.  
Susan Rae Morey, North Bloomfield  
Jean Ann Snyder Nigh, Bucyrus  
Mary Ann Nolan, Columbus  
Sheila Jean O'Donnell, Columbus  
Beth Saintenoy Owens, Barberton  
Linda Joy Paine, Columbus  
Barbara Curry Parrot, Troy  
Brenda Horne Ringer, Columbus  
Dianna Mae Schaad, Harrod  
Ruth Limbaugh Shaweker,  
Worthington  
Margaret Anne Stuart,  
Ridgewood, N. J.  
Marylou Veronica Swisshelm, Xenia  
Jeanne Herrin Teeter, Columbus  
Becky Ann Timmons, Zanesville

### **Bachelor of Science in Restaurant Management**

Three candidates

John Joseph Burling, Portsmouth  
Judith Leever Creachbaum, Waverly  
John Gregory Wilderman,  
Rocky River

### **Doctor of Dental Surgery**

One candidate

James Vincent Marquard, Cleveland  
B.S. (John Carroll University)

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Two hundred and ninety-six candidates

Mark Fitzpatrick Abell, Mt. Vernon  
Ronna Merle Abrahams,  
North Dartmouth, Mass.

Daniel Lynn Adelsberger, Marysville  
Betty Ellen Adkins, Mansfield  
Jill Marlee Allen, Columbus  
David Emerson Andreas, Sugarareek  
Babara Taylor Baer, Racine  
Lois Argabright Barber, Newark  
Linda McClure Basil, Columbus  
Louise Baumann, Cleveland  
Barbara Ann Beane, Columbus  
Wayne Neal Beaver, Columbus  
Peter Steven Beckerman,  
Merrick, N.Y.

Marcia Sue Beebe, Marietta  
Dennis Eugene Beis, Tiffin  
Rose Fredericks Benson, Dayton  
Elaine Dank Bernstein, Columbus  
Laura Leaver Bettinger, Columbus  
Iris Harris Binder, Mansfield  
Susan Terese Birmingham, Cleveland  
Robert Block, Little Neck, N.Y.  
Catherine Dick Booher, Columbus  
B.A.

Duane Alan Bowman, Columbus  
Priscilla Sparks Bozeman, Columbus  
Janis Edgell Brandt, East Liverpool  
Peggy Anne Bravard, Columbus  
Sharon Kay Hawk Brenneman, Lima  
Carolyn Brewer, Cleveland  
B.A.

Jeffrey Paul Brooks, Columbus  
Bonita Page Brown, Newark  
Brenda Jane Brown, Columbus  
Candace Gearing Brown, Wapakoneta  
Carol Joyce Brown, Kenton  
Sherry Yvette Brown, Trenton, N.J.  
Shirley Ann Brown, New Madison  
Beverly Carroce Bucher, Dublin  
Joyce Long Bufwack, Williamsport  
Gary Lee Burns, Mansfield  
Marlene Kay Burns, Plain City  
Sally Kerr Byrd, Columbus  
Judith Wiechart Cafmeyer, Delphos  
Ann Cameron, Columbus  
Charles Franklin Campbell, Jr.,  
Delaware

Nancy Jo Campbell, Willoughby  
Cheryl Parker Carpenter, Bucyrus  
Juliana Kropp Centner, Columbus  
George Michael Clark, Coshocton  
John Michael Clark, Harrod  
Laura Thornton Clevenger,  
Columbus Grove  
Ronald John Clever, Caledonia

Karen Sue Clippinger, Glenford  
Marlene Sherman Cohn,  
University Heights  
Susan Roach Craig, Columbus  
Garry Eugene Cronenwett, Galion  
\*Patricia Lee Crosby, Columbus  
Sharon Rankin Cross, Columbus  
James Richard Crossley, Columbus  
Andrew Danna, Jr., Galena  
Margaret Ellen Daugherty, Marion  
Carl Lester Davis, Cardington  
Darryl Lee Davis, Columbus  
Robert Howe Davis, Jr., Columbus  
Ronald Victor Davis, Cleveland  
Susan Jane Dawson, Cincinnati  
Sara Hopkins DeVore, Columbus  
James Edward Doughty, Columbus  
Deanna Baker Doyle, Leesburg  
Mary Karnes Dutton, Columbus  
Eileen Joyce Dvorin, Bayonne, N.J.  
James Robert Eakman, Springfield  
Robert Lewis Eberhard, Columbus  
John Arthur Elgin, Columbus  
John Alan Ewing, Hicksville  
Dale Everett Fagaly, Fairfield  
Paul Edward Fender, Warren  
Philip Lee Fishman,  
Marblehead, Mass.

Barbara Jean Flanigan, Delaware  
Marcia M. Fortnoff, Akron  
Anita Joan Freed, Sumter, S.C.  
Sandra Jean Freeman, Columbus  
Nancy Jean Fröhlich, Cleveland  
Kenneth Wayne Fryman, Radnor  
Ann Justine Furlong, Delaware  
Charlene Galione, Cleveland  
David Warren Galvin, Jr.,  
Westbury, N.Y.

Gail Opperman Garber,  
East Rockaway, N.Y.  
John Eugene Gates, Lisbon  
Jennifer Lynn Gatterdam, Columbus  
Gloria Ann Gawloski, Cleveland  
Leah Stamper Geiger, Newark  
Alan David Gelman, Dayton  
James William Gerfen, Marion  
Christine Diane Gilmore, Canton  
Michael Kent Gire, Columbus  
Jeanne Tuxford Given, Columbus  
Edward Allen Gliva, Indianapolis, Ind.  
Susan Lower Glover, Columbus  
Brenda Heisler Goller, Hicksville  
Donna Turk Goodman, Mansfield  
Sarah Gottlieb, Rochester, N.Y.  
Darl William Gray, Waldo  
Linda Sue Gray, Columbus  
James Lee Green, Sylvania  
Donna Lynn Greenberg,  
Cleveland Heights

Dianne Lee Greener, Holgate  
Jan Forrest Greissing, Newark  
Susan Horton Griffin, Columbus  
Beverly Ann Gross, Canton  
Charles Joseph Gross, Columbus  
B.A.

Doreen Iris Groveman, Cleveland  
Karen Ellen Gudger, Columbus  
Sandra Ann Gueydan,  
New Orleans, La.  
Marcella Risch Haldeman, Bucyrus  
Cheryl Lynne Hammersley,  
Uhrichsville

Linda Lee Hammock, Columbus  
Susanne Marie Hanno, Galion  
Robert Lee Harrington, Columbus  
Randall Jay Hart, Willoughby  
Craig Rudolph Heishman, Dayton  
George Hentzelt, Wooster  
Nancy Ann Herstek, Lorain  
Gamaliel Warren Hilson, Columbus  
Joyce Elaine Hoppes, Springfield  
Sandra Marie Houtzer, Lima  
Robert F. Howard, Jr., West Chester  
Lourene Filichia Hoy, Grove City  
Gail Fetter Huber, Crestline  
Linda Huff, Marengo

Patricia Quellhorst Hughes, Tipp City  
Carol Kandace Hurm, St. Marys  
William Albert Jarrell, New Carlisle  
Mark Louis Jay, Dayton  
Thomas Richard Jewell, Lima  
Patricia Joseph Johnson, Cridersville  
Karen Decker Jones, Dayton  
Emma Jean Jordan, Cleveland  
Henry Curt Kassigkeit, Cleveland  
Ruth Smith Keener, Marion  
Monica Kelly, Hempstead, N.Y.  
Aubrey Melvin Kemmer, New Carlisle  
Katherine Sparks Kemp, Mansfield  
Diana Grogg Keplinger, Galion  
Thomas Harry Keplinger, Galion  
Patricia Sue Kerns, West Mansfield  
Sylvia Siudak Kerns, Columbus  
Lynda Davis Kidd, Mansfield  
\*Anne King, Mt. Sterling  
James Hayes King, Jr., Northfield  
Frances Rita Kletz, Pittsburgh, Pa.  
Thomas Lee Korte, Byesville  
Cynthia June Kowan, Shaker Heights  
Carolyn Sue Kraner, Columbus  
Linda Irene Krech, Columbus  
Joseph James Kreider, Columbus  
Sharon Louise Kroeker, Fairborn  
Joyce Jacobs Kunkle, Rushsylvania

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences

Linda Sue Lawton, Fleming  
 Doris Preston Lemaster, Grove City  
 Aloys Altland Lennox,  
   Spring Grove, Pa.  
 Lauren Barbara Levy,  
   Oceanside, N.Y.  
 Jo Dee Hughes Lockenour, Columbus  
 Eltha Smith Logan, Kinsman  
 Barbara Jane Luchi, Portsmouth  
 Kathleen Bowsher Macwhinney,  
   Gahanna  
 Joseph Paul Magdich, West Jefferson  
 Sheila Irene Mahoney, Columbus  
 Donna Nesbitt Marshall, Columbus  
 Margaret Morris Martynak, Columbus  
 Eric Lee Mast, Wooster  
 Patricia Ann McFarland,  
   Canal Fulton  
 Linda Sweeney McGarity,  
   Poultney, Vt.  
 Terry Ann Merlin, Cleveland  
 Richard Michael Merryman, Hannibal  
 Ira Steve Messinger, Flushing, N.Y.  
 Janice Ellen Micha, Lima  
 Lowell Alan Miller, Columbus  
 Marylee Dreffer Miller, Columbus  
 Paul Gregory Miller, Hilliard  
 Katherine Brenner Millikin, Canfield  
 Carol Solomon Monsky, South Euclid  
 Daniel Lee More, Norwalk  
 Linda Elaine Morrison, Mansfield  
 Patricia Bronaugh Morrison,  
   Columbus  
 Patricia Stanley Murphy,  
   Cincinnati  
 Cheryl Ann Myers, West Richfield  
 Rosemary Neibert, Lebanon  
 Dennis Joseph Nezrick, Mansfield  
 Christine Marie Palmer Nicholson,  
   Wickliffe  
 Barbara Louise O'Brien, Lakewood  
 Margaret Iva Sharbaugh Ogden, Lima  
 Myron Barton O'Hara, III, Dayton  
 Mary Frances O'Kane, Columbus  
 Donnelle Marcine Oldaker, Columbus  
 Jane Ellen Orchard, Lima  
 Ronald Arthur Orsini, Columbus  
 Paul James Orth, Portsmouth  
 Shirley Reynolds Orth, Columbus  
 Doris Lee Oursler, Columbus  
 David Edward Ozvat, Cleveland  
 Patricia Flinn Pace, New Carlisle  
 Martha Underwood Patton, Greenwich  
 Ronald Eugene Paxton, Lexington  
 Alison Jean Perry, Sandusky  
 Kathy Ann Poulton, Columbus  
 Maureen Elaine Poynter, Painesville  
 Ronald Eugene Predmore, Galion

Melanie Ann Priess, Mansfield  
 James Michael Puleo, Cleveland  
 Linda Sue Purdy, Marion  
 Mary Lee Quigley, Columbus  
 Matthew Phillip Quinn, Ottumwa, Ia.  
 Karen Lou Rafeld, Ashland  
 Susan Elaine Ragan, Columbus  
 Sandra Lucas Rahn, Worthington  
 Thomas Dale Rambo, Columbus  
 Linda Little Reif, Lima  
 Gayle Comora Retske, Elberon, N. J.  
 Margaret Ann Richmond,  
   Bedford Heights  
 Cynthia Neuman Rodosky,  
   Wapakoneta  
 Jane Krumholtz Roemer, Dayton  
 Meredith Brown Romito, Bedford  
 Meryl Kazdan Rose, Shaker Heights  
 Margaret Ann Roth, Marion  
 Patrick Anthony Rouan, Youngstown  
 Donald Arthur Rouse,  
   Leonardsburg  
 Barbara Diehn Rudolph, Walbridge  
 Elizabeth Bouldin Russ, Columbus  
 Joanna Jane Sackel,  
   Scotch Plains, N. J.  
 Kathleen Ann Sanka, Parma  
 Gary Eugene Saum, Columbus  
   B.S. in Bus. Adm.  
 Koneta Brenda Saum, Lima  
 Mary Janice Lay Sawyer, Columbus  
 Judith Ann Schindler, Cincinnati  
 Kathy Lynn Schmidt, Columbus  
 Marsha Lynn Schneider, Chicago  
 Marian Milroy Schwartz,  
   Worthington  
 Mary Jo Steger Scianamblo, Dayton  
 Jerry Lynn Scott, Grove City  
 Susan Endebrook Scribner, Columbus  
 Anne Marie Shaffer, Columbus  
 Enid Laura Shapiro,  
   Richmond Heights  
 Beverly Jean Shaw, Columbus  
 Katherine Sholudko, Cleveland  
 Marlene Ella Shopneck, Toledo  
 Nancy Fields Shupert, West Union  
 Bonnie-Jo Simensky,  
   East Rockaway, N.Y.  
 Brigid Moriarty Smaus, Columbus  
 Clara Monnett Smeltzer, Columbus  
 Beverly Gail Smith, Columbus  
 Dana William Smith, Pickerington  
 David Earl Smith, Urbana  
 Bonnie Aures Snyder, Lima  
 Robert Eugene Snyder, Lima  
 Susan Elizabeth Solomon, Cleveland  
 Suzanne Swartz Sommer, Marion  
 Sondra Mae Sparks, Columbus  
 Vincent Joseph Speciale, Columbus

Kay Ellen Sponseller, North Canton  
 Michael Clemens Stanley, Youngstown  
 Ann Ruth Munitz Stierman, Akron  
 Gary Richard Stiles, Columbus  
 Stephen Michael Stockdale, Delaware  
 Stephen Rodger Stought, Gahanna  
 James Richard Stovicek, Westlake  
   A.B. (Borromeo Seminary)  
 April Walker Stull, Worth  
 James Gerard Swank, Newark  
 Thomas Lee Swearingen,  
   Ecorse, Mich.  
 Betty Jane Taylor, Strongsville  
 Kathryn Ann Taylor, Mt. Vernon  
 Candace Lynn Thompson, Sidney  
 Carol Hathy Thompson, Columbus  
 John Wayne Thorne, Lima  
 Patsy Rene Todt, Columbus  
 Ellen Foust Traucht, Urbana  
 Kathleen Moore Tunis, Lyndhurst  
 Karen Sandra Vanta, Parma  
 Carole Abbott VanValkenburg,  
   Columbus  
 Susan Burcham Vass, Ironton  
 Kathleen Crunelle Ward, Hilliard  
 Susan Lynne Warns, Walbridge  
 Robin Kwartin Weiss, Rocky River  
 John Joseph Welnitz, Columbus  
   B.A.  
 Janice Seibert Wentzel, Toledo  
 Sally Anne Wheeler, Columbus  
 Donald Timothy White, Columbus  
 Emily Beth Wigton Whiting, Marietta  
 Dianne Davison Williamson,  
   Columbus  
 Susan Cornwell Willis, Norwalk  
 Cynthia Elaine Winne, Xenia  
 Ronna June Witus,  
   North Miami Beach, Fla.  
 Cynthia Rayl Woodruff, Canton  
 Susan Elizabeth Yontz, Powell  
 Roy Henry Young, Columbus  
 William Joseph Zahn, Marion  
 Susan Lynn Zimmerman, Columbus  
 Anthony Robert Zito, Parma

#### **Bachelor of Art Education**

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

Five candidates

William Lee Albin, Centerville  
 Penny Adele Benkoe  
   Manhasset Hills, N.Y.  
 Ellen Louise Carter, Columbiana  
 Barbara Norris Finkes, Granville  
 Linda Bercaw Sweazy, Columbus

## College of Engineering

Dean: Harold A. Bolz

### **Bachelor of Music Education** Offered jointly by the College of The Arts and the College of Education

Thirteen candidates

Bobby Lee Coe, Bowling Green  
Connie Lou Craig, Lima  
Douglas Frank Elersich, Cleveland  
Howard Douglas Klug, Oxon Hill, Md.  
Stephen Aaron Larmore,  
Kirkwood, Mo.  
Stephen William Livingston,  
Willoughby  
Jeri Ann Marburger, Columbus  
Mary Emiline McDowell, Rushville  
Patricia Adams Shockley, Columbus  
Carolyn Jordan Swihart, Waldo  
John Joseph Tatgenhorst,  
East Liverpool  
Cheryl Ann White, Grove City  
Susan Curry Winchell, Frankfort

### **Bachelor of Aeronautical and Astronautical Engineering**

Three candidates

Thomas Jean Benson, Columbus  
Robert Joseph Fredenburg, Barberton  
Donald John Winarski, Parma Heights

### **Bachelor of Science in Aeronautical and Astronautical Engineering**

Twenty-three candidates

Michael Dane Abrams, St. Paul, Ky.  
Dennis Eugene Bok, Elida  
Michael Patrick Clark, Lima  
Gary Ray Culler, Louisville  
Beniyahu Eichenbaum,  
Peth-Tikva, Israel  
Richard Lee Fink, Columbus  
Ronald Neal Fuller, Columbus  
James Curtiss Greetham, Lima  
Stephen John Guilfoos,  
Rochester, N.Y.  
John Raymond Hess, Akron  
Arthur Woodward Hoadley, Napoleon  
Lawrence Reid Kimball, Newark  
Darrel Paul Kohlhorst, Bluffton  
Gunther Lothar Lange, Youngstown  
Jacque Rollins Lingenfelter, Jr.,  
Loudonville  
Joseph Melvin Manter, Columbus  
Bruce Edwin McClelland,  
Reynoldsburg  
Marshall Zachery Miller, Cleveland  
Gary Joe Moorhead, Columbus  
Richard Lee Pottorf, Jr., Columbus  
Larry Wayne Thomas, Diamond  
Robert Dale Williams, Delta  
James Clifford Woolworth,  
Central Square, N. Y.

### **Bachelor of Science in Agricultural Engineering**

Eight candidates

James Arlington Barr, Amlin  
Dennis Lewis Bassett, Lima  
Robert Alan Bell, Upper Sandusky  
Richard Keith Byler, West Liberty  
Gerald Leo Gerker, Cloverdale  
Urban Lewis Heft, Jr., Lewisville  
Richard Dean Mantle, London  
Irvin William Smith, Worthington

### **Bachelor of Ceramic Engineering**

Two candidates

Lynn Allen Daniels, Dover  
\*Daniel Jacob Menegay, Alliance

### **Bachelor of Chemical Engineering**

Six candidates

\*Bradford Frank Dunn, Fostoria  
\*David Randolph Grove, Rossford  
Donald Carl Haberkost,  
Parma Heights  
Charles Alvin Klingensmith  
Leavittsburg  
David Oliver Kutscher  
New Philadelphia  
James Nicholas Stambolis,  
St. Clairsville

### **Civil Engineer**

Two candidates

Ary Francisco Martinez-Cortazar,  
Bogota, Colombia  
Ing.Civ. (University of Cauca)  
Jinda Mongkholsawadi,  
Choburi, Thailand  
B.S. (Detroit Institute of  
Technology)

### **Bachelor of Civil Engineering**

Six candidates

\*William Elgar Brown, Hillsboro  
\*Phillip Dean Clady, Bucyrus  
\*William Lewis Mease, Jr.,  
Selinsgrove, Pa.  
Keith Chandler Swearingen,  
West Union  
\*Lawrence Eugene Valentine,  
Dennison  
Gerald Thomas Wentzel, Columbus

### **Bachelor of Science in Civil Engineering**

Nine candidates

Dale Eugene Baker, Louisville  
Steven Eugene Black, Columbus  
Ronald Arden Cochran, Fredericktown  
Kenneth Harold Corns, Jr., Columbus

\* Also Master of Science, Graduate School

John Taylor McKinley, Columbus  
Richard Leroy Quilling, Celina  
Steven Richard Reber,  
Upper Sandusky  
Charles Michael Rhodebeck,  
Westerville  
Jerry Robert Wood, Akron

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

Seven candidates

Howard Ernest Camper, Genoa  
David William Kelly, Fairview Park  
Marc Hillary Silverman, Cleveland  
Robert Clyde Trimble, Jr., Newark  
David Allan Wendt, Worthington  
Richard Charles Wesley, Columbus  
David Dale Writsel, New Holland

**Bachelor of Electrical Engineering**

Fifteen candidates

\*Roger Duane Ahlberg, Columbus  
Kwamena Gyakyee deGraft-Johnson,  
Accra, Ghana  
Stanley Robert Jewell, Murray, Ky.  
Gerhard Friedrich Wilhelm Kasischke,  
Dayton  
\*Arthur Theodore Kneue,  
Wapakoneta  
James David Leonard, Jr., Columbus  
John Walter Napier, Dayton  
John Frederick Norris, Columbus  
\*William Pierpoint, Reynoldsburg  
Mark Anthony Pitts, Cedarville  
Larry Wayne Saunders, Grove City  
Donald Michael Schlegel, Columbus  
Thomas Lee Sluss, Canton  
John Albert Taylor, Columbus  
Donald Paul Tusko, Lorain

**Bachelor of Science in  
Electrical Engineering**

Fifteen candidates

Robert Edward Adams,  
Rochester, N. Y.  
Ralph Emil Barrera, Garfield Heights  
Andrew Stephen Bukovinsky,  
Delaware  
Thomas Lee Crist, Norwalk  
John Dixon, Jr., Dravosburg, Pa.  
Adolf Eltrich, Ashtabula  
Jerald Wayne Jones, North Ridgeville

Jero Thomas Kyle, Columbus  
Milton Bruce Neher, Columbus  
Arnold Emmett Shaheen, Jr.,  
Pataskala  
Terry Alvin Shetler, Bluffton  
Heinrich Tadeus Sonnenberg, Galion  
Frank Karl Urban, III, Kettering  
Paul Richard Wilson, Columbus  
Eugene Charles Wyss, Columbus

**Bachelor of Industrial Engineering**

Six candidates

Edward Howard Booth, Columbus  
\*James Wendell Davis, Columbus  
Roy Arthur Dunlap,  
South Charleston, W. Va.  
Allan Ray Kostreba, Euclid  
James Joseph Mager, Shadyside  
William Jerome Stenner, Coshocton

**Bachelor of Science in  
Industrial Engineering**

Twenty candidates

Daniel Durward Arrasmith, Columbus  
John David Cochran, Fremont  
Ronald Hay, Hilliard  
Robert Bruce Hendershot, Cadiz  
William Jay Howard, Union, N. J.  
Keith Riley Johnson, Westerville  
Mitchell Wen-Man Ma,  
Pittsburgh, Pa.  
Donald Edward Mandry, Westlake  
Curtis Pomerene Martin, Columbus  
Charles Bernard McCartney, Newark  
David Emrick McCrabb, Jr., Dayton  
David Anthony Morena, Canton  
John Howard Nance, Columbus  
Leo Joseph Pierce, Jr., Warren  
William Pemberton Pleasants, III,  
Blacklick  
Steven Wayne Rase, Wheelersburg  
William Thomas Roberts, Columbus  
John Ervin Seitz, Bloomville  
Robert Lee Sousek, Bedford Heights  
Terry Lee Watkins, Ashtabula

**Bachelor of Mechanical Engineering**

Four candidates

Lloyd Allen Herman, Sugar creek  
\*Kenneth Allen Kaufman, Brecksville  
Jerome Carl Poppe, Cincinnati  
Terry Leonard Wissman, New Bremen

**Bachelor of Science in  
Mechanical Engineering**

Fourteen candidates

Frank Wuichet Brooks, Jr., Dayton  
Ralph Harold Hollenbacher, Sidney  
Jeffrey Jay Iles, Medina  
Kenneth Lee Kaylor, St. Marys  
Allen Peter Krukowski, Cleveland  
Robert Lynn Kyle, Barberton  
Timothy Louis Luvray, Dresden  
Donald Eugene Luebrecht,  
Fort Jennings  
Richard Lee Mateyka, Cleveland  
Robert Patrick Moore, Cleveland  
Daniel Anthony Schoch, Minster  
Gregg Wilford Sutton, Edison, N. J.  
Charles David Weaver, Columbus  
Robert Pearson White, Munroe Falls

**Bachelor of Welding Engineering**

Three candidates

Philip Gregory Byrd, Bedford  
\*Glenn Howard Lenzen, Jr.,  
Morton Grove, Ill.  
Raymond Lee Secrest, Pleasant City

**School of Architecture**

**Bachelor of Architecture**

Three candidates

Robert John Aude, Columbus  
Leslie Robert Girouard, Columbus  
Thomas Louis Pinto, Cleveland

**Bachelor of Landscape Architecture**

One candidate

Deborah Rose Edsall, Columbus  
B.S. (Michigan State University)

\* Also Master of Science, Graduate School

## College of Law

Dean: James C. Kirby, Jr.

### Juris Doctor

Thirty candidates

Douglas Alan Baker, Kensington, Md.  
A.B. (Depauw University)

Robert Cecil Barbour, Columbus  
B.A.

James Wilder Bennett,  
Cheektowaga, N.Y.  
B.S. (Bowling Green State  
University)

William Parker Blair, III, Canton  
B.A., M.A.

Alexander Joseph Bolla, Jr.,  
Rocky River  
B.A., B.S. in Edu.

David Louis Brook, Belpre  
B.A. (Marietta College)

James Michael Caulfield, Circleville  
B.S. (Fordham University)

Robert Bruce Clayton, Eaton  
B.A.

William Van Corban, Kettering  
B.S.

Philip Wayne Cramer, Findlay  
B.S. in Edu.

Carl James Debevec, Novelty  
B.A. (Bowling Green State  
University)

James Edmund Evans, Lyndhurst  
B.A. (Michigan State University)

Laurence Stephan Fedak, Seven Hills  
B.A. (Ohio Wesleyan University)

John Ryan Gall, Columbus  
B.A. (Miami University)

Philip Warner Gray, Milford, Conn.  
B.A. (University of Bridgeport)

Michael William Grossberg,  
Mayfield Heights  
B.A.

Richard Charles Lombardi, Akron  
B.A. (University of Akron)

Edward Lloyd Lytle, Wooster  
B.A.

Charles Waugh Mahan, Columbus  
B.S. (University of Illinois)

Richard Lynn Mann, Columbus  
B.S. in Edu.

Stephen Mensel, Columbus  
B.S. in Bus. Adm.

Richard Stroud Mickley, Marion  
B.A. (College of Wooster)

Martin J. Miller, III, New Carlisle  
B.S. (United States Merchant  
Marine Academy)

Tom Henry Nagel, Cincinnati  
B.A.

John Charles Nemeth, Parma  
B.A. (Kent State University)

William Stanley Niehaus, Peoria, Ill.  
B.A. (Miami University)

Donald Garry Paynter, Galion  
B.S. in Bus. Adm. (Miami University)

Michael John Scherach, Lorain  
B.A. (Bowling Green State  
University)

Terrence Joseph Steel, Akron  
B.A.

Joseph John Stollar, Akron  
B.A. (University of Notre Dame)

## College of Medicine

Dean: John A. Prior

### School of Allied Medical Professions

#### Bachelor of Science in Medical Technology

Seven candidates

Marianne Madonna Bensko, Columbus  
Jill Marie Fetter, Marion  
Rebecca Copen Machen, Springfield  
Linda Jean Reisenfeld  
Shaker Heights  
Carol Young Tate, Alliance  
Patricia McCall White, Columbus  
Deborah Ann Willoughby,  
Fort Knox, Ky.

#### Bachelor of Science in Occupational Therapy

Seven candidates

Linda Croasdale Abbott,  
Audubon, N. J.  
Genevieve Buckner, South Euclid  
Linda Jean Ivins, Maple Heights  
Barbara Lee Krennick, Loudonville  
Judith Eddine Penn, Hillsboro  
Bonnie Young Slack, Wooster  
Regena Gale Stevens,  
Fayetteville, N.C.

### School of Nursing

#### Bachelor of Science in Nursing

Fifteen candidates

Lynn Paige Brown, Cincinnati  
Mary Margaret Cardwell, Ironton  
Sandra McNabb Craig, Marietta  
Nancy Elizabeth Crowdes,  
Chesterland  
Cheryl Renee Dorsey, Dublin  
Alice Moody Draper, Ashland  
Lee Kathleen Gearhart,  
Homestead AFB, Fla.  
Phyllis Jean Hasenpflug, Oberlin  
Jane Heffernan, Columbus  
Mary Ellen Kruse, Columbus  
Kathy Lee Little, Sarasota, Fla.  
Sister Monica Mary McGloin,  
Ossining, N. Y.  
Suzanne Milan Teutsch, Alliance  
Alice Marie Walters, Fostoria  
Mary Kamis Wickham, Cleveland

SUMMA CUM LAUDE

Darlinda Smith Andrews, West  
Farmington  
Roger Duane Ahlberg, Columbus  
Bonita Page Brown, Newark  
Phillip Dean Clady, Bucyrus  
Alice Moody Draper, Ashland  
Bradford Frank Dunn, Fostoria  
Brenda Heisler Goller, Hicksville  
James Lee Green, Sylvania  
David Randolph Grove, Rossford  
Linda Sue Lawton, Fleming  
Leigh Douglas Mantell, Cleveland  
John Walter Napier, Dayton  
Dianna Mae Schaad, Harrod  
Craig Carter Schopmeyer, Silver  
Spring, Md.  
Raymond Lee Secrest, Pleasant City  
Jerry Phillip Spangler, Worthington

CUM LAUDE

Lawrence Curtiss Abbott, Columbus  
Robert Cecil Barbour, Columbus  
Janis Marie Battaglia, Bedford  
Thomas Jean Benson, Columbus  
Susan Terese Birmingham, Cleveland  
Richard Louis Boehm, Cincinnati  
Carol Jeffers Borelli, Columbus  
Frank Wuchet Brooks, Jr., Dayton  
Jeffrey Paul Brooks, Columbus  
Genevieve Buckner, South Euclid  
Roy Peter Cooper, Hilton Park,  
W. Australia  
Mary Karnes Dutton, Columbus  
Robert Joseph Fredenburg, Barberton  
Roselyn Hsin-Chin Fu, Managua,  
Nicaragua  
Jeanne Tuxford Given, Columbus  
Barbara Grosskopf Gray, Marginsville,  
Ind.  
Robert John Gronek, Columbus  
Beverly Ann Gross, Canton  
Janie Lynne Harris, Columbus  
Marvin Boyd Katter, Wapakoneta  
Lawrence Reid Kimball, Newark  
Lee Thomas Koehler, Reading  
Susan Marie Krody, Cincinnati  
Gunther Lothar Lange, Youngstown  
Marcia Kay Lauritsen, Columbus  
Daniel Jacob Menegay, Alliance  
Tom Henry Nagel, Cincinnati  
Jean Ann Snyder Nigh, Bucyrus  
Margaret Iva Sharbaugh Ogden, Lima  
Shirley Reynolds Orth, Columbus

Donald Garry Paynter, Galion  
Pamela Jo Phillips, Columbus  
William Pierpoint, Reynoldsburg  
James Robert Radcliff, Canton  
Karen Lou Rafeld, Ashland  
Marisa Regina Rossi, Princeton, N. J.  
Jack Melroy Sanderson, Jr.,  
Columbus  
Larry Wayne Saunders, Grove City  
Sophie Siller, North Bay Village,  
Fla.  
Thomas Lee Sluss, Canton  
Heinrich Tadeus Sonnenberg, Galion  
William Jerome Stenner, Coshocton  
Joseph John Stollar, Akron  
Linda Bercaw Sweazy, Columbus  
Carol Hathy Thompson, Columbus  
Carole Abbott VanValkenburg,  
Columbus

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN AGRICULTURAL  
EDUCATION

Paul James Faust, Hillsboro

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN ANIMAL  
SCIENCE

Susan Elizabeth Porteus, Coshocton

CUM LAUDE AND WITH DISTINCTION  
IN FRENCH

Patricia Blair Moore, Cleveland

CUM LAUDE AND WITH DISTINCTION  
IN HOME ECONOMICS

Charlotte Ann Hutson, Lucas

WITH DISTINCTION IN AGRICULTURAL  
ECONOMICS

Jon Alan Brandt, Anna

WITH DISTINCTION IN INTERNATIONAL  
STUDIES

Alice Simcox Kimmel, Columbus

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

Columbus, Ohio, February 3, 1971

The Board of Trustees met at its regular monthly meeting on Wednesday, February 3, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

The Chairman, Mr. Ketterer, introduced the two new members of the Board of Trustees of The Ohio State University:

Mr. Robert S. Dorsey, who was appointed by Governor James A. Rhodes to fill the unexpired term of Mr. Frederick E. Jones, beginning June 23, 1970 and ending May 13, 1972, with appointee taking office December 11, 1970. Mr. Jones' resignation was accepted June 22, 1970.

Mr. John L. Gushman, who was appointed by Governor James A. Rhodes to succeed Mr. Jack Gibbs, for the term beginning May 14, 1970 and ending May 13, 1979, with appointee taking office December 11, 1970.

\* \* \*

February 3, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 27.0703, 29.01, 29.03, 29.2711, and 53.0705 of Rules for the University Faculty

On December 8, 1970, the Faculty Council approved revisions in the Rules for the University Faculty as follows:

1. Section 1 of Rule 27.0703 is revised to provide for one representative from each of the ten areas of the Graduate Faculty. The second paragraph of Section 2 of Rule 27.0703 pertaining to elections for the Graduate Council is modified to change the nominating procedures for election to the Graduate Council.
2. Section 1 of Rule 29.2711 is modified to include the addition of a graduate student to membership on the Athletic Council.

On January 26, 1971, the Faculty Council approved revisions in the Faculty Council section of the Rules for the University Faculty as follows:

1. Part (a) of Rule 29.01 is revised to provide for the addition of six vice presidents as ex officio members of Faculty Council. Part (b) is revised to provide one elected member from each regional campus faculty. Part (c) is added to provide for thirty-three student members who shall be eligible to vote except on matters pertaining to the awarding of degrees.
2. Rule 29.03 is amended in title only to include "of Faculty Members."
3. Rule 53.0705 is amended to be consistent with Rule 29.01.

President Fawcett recommended that the foregoing changes in Rules for the University Faculty as shown in Appendix V, page 323 be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the Rules for the University Faculty.

February 3, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, President Fawcett recommended that the Willard M. Kiplinger Professorship in Public Affairs be established in the School of Journalism at The Ohio State University.

Funding for this professorship and related programs will be provided by the Kiplinger Foundation Incorporated. In presenting an initial gift of \$50,000.00 toward the support of this professorship, Austin Kiplinger said "It is my hope, as I know it would be his (Willard M. Kiplinger), that this grant will help to produce more reporters who will know more about the subject matter of public affairs. Increasingly, public decisions are the stuff of everyday life, so the coverage of these decisions is at the heart of the most important function of journalism in the world today, a clear and honest presentation of public issues." The purpose of this professorship has been defined rather broadly, embracing such fields as editing, editorial techniques, reporting and writing.

The original gift and subsequent contributions from the Kiplinger Foundation will be used to establish an endowment fund, the income from which will be used to support the professorship. A search is to be initiated immediately so that an appropriate person may be appointed to this professorship as soon as the necessary level of funding is achieved.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Honorary Degrees

President Fawcett recommended pursuant to Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degrees as specified be conferred on the following individuals at a future Commencement mutually agreeable to the University and the recipients.

Paul G. Benedum	Doctor of Laws
Max M. Fisher	Doctor of Laws
John W. Galbreath	Doctor of Laws
Samuel M. Melton	Doctor of Laws
Everett D. Reese	Doctor of Laws
Barbara Walters	Doctor of Humane Letters

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

February 3, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Naming of Building

Upon the recommendation of the Dean of the College of Agriculture and Home Economics and with the concurrence of the President's Cabinet, President Fawcett recommended that the Horticulture, Forestry and Food Technology Building at 2001 Fyffe Court be named "Howlett Hall" in memory of Freeman S. Howlett.

The late Dr. Freeman S. Howlett served as Professor and Chairman of the Department of Horticulture and Forestry at The Ohio State University and of the Department of Horticulture at the Ohio Agricultural Research and Development Center. Dr. Howlett contributed much to the profession of horticulture and the field of teaching during his 46-year career at The Ohio State University and was held in high esteem by the leaders of the horticulture industries of the state, the nation and the world.

This recommendation is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Establishment of a Graduate Library Science Program  
(Master of Science and Doctor of Philosophy Degrees)

The Faculty Council on December 8, 1970, approved the establishment of a Graduate Library Science Program upon the recommendation of the Council on Academic Affairs.

President Fawcett recommended that the action of the Faculty Council be approved. Pursuant to Section 3333.04 of the Revised Code of Ohio, it was recommended further that this proposal be forwarded to the Board of Regents for approval and funding. Initiation of the programs leading to the Master of Science and Doctor of Philosophy degrees will be conditioned upon favorable action by the Regents on the proposal and adequate funding.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the December 4, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

February 3, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments

Samuel Saslaw, Professor (Frank E. and Mary W. Pomerene Professor), Department of Medicine, effective February 1, 1971, at a salary of \$29,676.00 per annum.

Robert L. Chazan, Associate Professor (Samuel and Esther Melton Chair of Jewish History and Studies), Department of History, effective January 1, 1971, at a salary of \$15,888.00 per annum.

In addition to the foregoing recommendations, the President presented the following changes in assignment.

Richard O. Moore assumed the duties of Associate Dean in the College of Biological Sciences, effective January 1, 1971, at a salary of \$26,568.00 per annum. He will continue to hold an appointment as Professor in the College of Biological Sciences - Academic Faculty of Biochemistry and Molecular Biology at No Salary.

Francis A. Ruzicka assumed the duties of Associate Dean in the College of The Arts, effective December 1, 1970, at No Salary. He will continue his position as Professor and Chairman of the College of The Arts - Division of Art.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Jean McClester, Instructor (County Extension Agent, Home Economics) Morrow County, effective January 1, 1971 through March 15, 1971, to participate in a program of professional improvement at Colorado State University.

John D. McConnell, Instructor (County Extension Agent, 4-H) Erie County, effective January 1, 1971 through March 31, 1971, to participate in a program of professional improvement at the University of Florida.

C. Leaves of Absence Without Salary

David Evans Black, Professor, College of The Arts - Division of Art, effective April 1, 1971 through June 30, 1971, to continue research in Germany.

February 3, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Howard C. Williams, Professor, Department of Agricultural Economics and Rural Sociology, effective February 1, 1971 through June 30, 1971, to serve on Program Evaluation and Appraisal Staff of the Agricultural Stabilization and Conservation Service of the United States Department of Agriculture, Washington, D. C.

Harold A. Hovey, Associate Professor, College of Administrative Science - Division of Public Administration and Department of Economics, effective January 1, 1971 through September 30, 1971, to accept a position as Director of Finance, State of Ohio.

Ron K. H. Adler, Assistant Professor, Department of Geodetic Science, effective January 1, 1971 through March 31, 1971, for personal reasons.

Katherine H. Burkman, Assistant Professor, Division of Comparative Literature, effective January 1, 1971 through March 31, 1971, for personal reasons.

John D. McConnell, Instructor (County Extension Agent, 4-H) Erie County, effective April 1, 1971 through June 30, 1971, to participate in a program of professional improvement at the University of Florida.

Nancy E. Robinson, Instructor (County Extension Agent, Home Economics) Athens County, effective January 1, 1971 through June 30, 1971, to participate in a program of professional improvement at the University of Maryland.

D. Emeritus Titles

Elvin F. Donaldson, College of Administrative Science - Faculty of Finance, with the title Professor Emeritus, effective January 1, 1971.

Ralph W. Sherman, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective February 1, 1971.

Marion W. Wallace, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1971.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

February 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
November 14, 1970 - January 8, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 368,041.00
Industrial and Other Research	3	48,285.00
<u>Grants</u>		
Government Research - Federal	21	892,806.00
Industrial and Other Research	6	<u>83,319.70</u>
Totals	40	\$1,392,451.70

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Project No. 1398-D - Mod. #8-1 - Department of Chemistry).  
Gross Value - \$39,237.00.
- b. Department of Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as Project No. 2622 - Mod. #P010 - Department of Electrical Engineering).  
Gross Value - \$15,000.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Research Contracts Branch, Bethesda, Maryland, Identification, Isolation, and Culture of Mites (to be known as Project No. 2740 - Mod. #4 - College of Biological Sciences - Entomology).  
Gross Value - \$20,000.00.

February 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Medlars Center (to be known as Project No. 2943 - Mod. #2 - Department of Medicine).  
Gross Value - \$31,750.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Medlars Center (to be known as Project No. 2943 - Mod. #3 - Department of Medicine).  
Gross Value - \$95,228.00.
- f. National Aeronautics and Space Administration, Headquarters Contracts Division, Washington, D. C., NASA Procurement Training and Career Progression Study (to be known as Project No. 2947 - Amend. #2 - College of Administrative Science - Division of Continuing Education).  
Gross Value - \$89,844.00.
- g. Department of Navy, Office of Naval Research, Procuring Contracting Officer, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Amend. #1 - Department of Metallurgical Engineering).  
Gross Value - \$22,000.00.
- h. U. S. Army Mobility Equipment Research and Development Center, Research and Development Procurement Office, Fort Belvoir, Virginia, The Use of Edges of Photographic Images as Specifiers of Image Quality (to be known as Project No. 3147-A1 - New Department of Geodetic Science).  
Gross Value - \$11,998.00.
- i. Department of Navy, Office of Naval Research, Arlington, Virginia, Defense Termination Settlement and Negotiations Course (to be known as Project No. 3150-A1 - New - College of Administrative Science - Division of Continuing Education).  
Gross Value - \$33,432.00.
- j. Department of Navy, Office of Naval Research, Arlington, Virginia, Spectroscopy of CO Lasers (to be known as Project No. 3155-A1 - New - Department of Physics).  
Gross Value - \$9,552.00.

TOTAL - Government Research Contracts - Federal \$368,041.00

February 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. A. H. Robins Company, Inc., Research Laboratories, Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as Project No. 2327 - Ext. #4 - College of Pharmacy).  
Gross Value - \$6,421.00.
- b. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials (to be known as Project No. 2918 - Sup. #1 - Department of Welding Engineering).  
Gross Value - \$38,000.00.
- c. California Institute of Technology, Jet Propulsion Laboratory, Pasadena, California, Preliminary Study of the Effects of Ion Implantation on Solar Cell Performance (to be known as Project No. 3152-A1 - New - Department of Electrical Engineering).  
Gross Value - \$3,864.00.

TOTAL - Industrial and Other Research Contracts \$48,285.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as Project No. 887-L - Ext. #12 - Department of Psychology).  
Gross Value - \$25,167.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Study Group (to be known as Project No. 1094-K - Ext. #11 - Department of Medicine).  
Gross Value - \$48,261.00.
- c. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bureau of Disease Prevention and Environmental Control, National Center for Air Pollution Control, Bethesda, Maryland, Mechanisms of Photo-chemically Initiated Oxidations (to be known as Project No. 1220-K - Ext. #10 - Department of Chemistry).  
Gross Value - \$79,864.00.

February 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as Project No. 1404-J - Ext. #9 - Department of Physiological Chemistry).  
Gross Value - \$30,940.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Blood PO2 - Artery QO2 Relationship and Atherosclerosis (to be known as Project No. 1800-G - Ext. #7 - Department of Physiology).  
Gross Value - \$16,658.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as Project No. 2060-E - Sup. #1 - Department of Otolaryngology).  
Gross Value - \$784.00.
- g. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Project No. 2361 - Rev. #8 - College of Education).  
Gross Value - \$205,000.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as Project No. 2742 - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$1,000.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Evaluation and Use of Frozen Stored Skin Grafts (to be known as Project No. 2750-B - Ext. #2 - Departments of Surgery and Physiology).  
Gross Value - \$17,033.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-A - Ext. #1 - Department of Veterinary Pathology).  
Gross Value - \$1,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspects of Male Reproduction (to be known as Project No. 2866-A - Ext. #1 - Department of Dairy Science).  
Gross Value - \$127,882.00.
- l. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3,2,1-Bicyclic Mechanism (to be known as Project No. 2933 - Letter Dtd. 12/14/70 - Department of Chemistry).  
Gross Value - \$34,600.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Correlative Postnatal Vestibular Development (to be known as Project No. 2988-A - Ext. #1 - Department of Anatomy).  
Gross Value - \$11,317.00.
- n. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- o. National Science Foundation, Washington, D. C., Differential Reactivity of Nucleic Acids and Their Components With Selective Reagents (to be known as Project No. 3153-A1 - New - College of Biological Sciences - Biochemistry and Molecular Biology).  
Gross Value - \$38,000.00.
- p. National Science Foundation, Washington, D. C., Liquid  $^3\text{He}$ - $^4\text{He}$  Mixtures at Low Temperatures (to be known as Project No. 3154-A1 - New - Department of Physics).  
Gross Value - \$83,200.00.
- q. National Science Foundation, Washington, D. C., Ergodic Theory and Von Neumann Algebras (to be known as Project No. 3156-A1 - New - Department of Mathematics).  
Gross Value - \$14,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- r. National Science Foundation, Washington, D. C., Visual Studies of Flow in the Sublayer of Polymers (to be known as Project No. 3157-A1 - New - Department of Chemical Engineering).  
Gross Value - \$50,600.00.
- s. National Science Foundation, Washington, D. C., Analysis of the Miwok Family of California Indian Languages (to be known as Project No. 3165-A1 - New - Department of Linguistics).  
Gross Value - \$15,200.00.
- t. National Science Foundation, Washington, D. C., Social Determinants of Individual Responses (to be known as Project No. 3166-A1 - New - Department of Psychology).  
Gross Value - \$55,700.00.
- u. National Science Foundation, Washington, D. C., Support of Geological Studies (to be known as Project No. 3172-A1 - New - Department of Geology).  
Gross Value - \$6,600.00.

TOTAL - Government Research Grants - Federal \$892,806.00

4. Industrial and Other Research Grants

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation of the CCNSC in the Central Region, USA (to be known as Project No. 1395 - Checks Nos. C0790721 and C0795264 - Department of Surgery).  
Gross Value - \$732.70.
- b. The Deafness Research Foundation, New York, New York, Scanning Electron Microscopic Investigation of the Inner Ear (to be known as Project No. 2982-A - Sponsor Letter Dtd. 12/15/70 - Department of Otolaryngology).  
Gross Value - \$10,000.00.
- c. American Cancer Society, New York, New York, The Effect of Chemotherapy on Human Macrophage Functions (to be known as Project No. 3151-A1 - New - Department of Medicine).  
Gross Value - \$52,737.00.
- d. The Deafness Research Foundation, New York, New York, Experimental Infection of the Ear--An Electron-Microscopic Observation (to be known as Project No. 3161-A1 - New - Department of Otolaryngology).  
Gross Value - \$10,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- e. American Cancer Society, Ohio Division, Inc., Columbus, Ohio, Immunologic Responses of Lymphoid Cell Lines to Tumor Cell Antigens (to be known as Project No. 3162-A1 - New - College of Biological Sciences - Microbial and Cellular Biology).  
Gross Value - \$5,000.00.
- f. Dermatology Foundation, Philadelphia, Pennsylvania, Tolerance of Contact Sensitization (to be known as Project No. 3168-A1 - New - Department of Medicine).  
Gross Value - \$4,850.00.

TOTAL - Industrial and Other Research Grants \$83,319.70

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

	No. of Projects	Gross Value
Government Research Contract	1	\$ 4,948.00
Industrial Research Contracts	<u>2</u>	<u>13,411.00</u>
Totals	3	\$18,549.00

During the period from November 14, 1970 through January 11, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 372X            Water Resources Center Director's Office Account,  
 Amend. #1        U. S. Department of the Interior, Washington, D. C.  
 Gross Value - \$4,948.00.



February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

4. \$102,543.00 additional grant by National Science Foundation, Washington, D. C., to the University for "Administration of Institutional Grants for Science." (GU-3637 - Amendment No. 1)
5. \$95,000.00 granted by Ohio Board of Regents, Columbus, Ohio, to the University for "The Ohio Management Advancement Program," under the direction of the College of Administrative Science - Division of Continuing Education. (Program No. 71-944-005)
6. \$89,437.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training - Medical," under the direction of the Department of Surgery, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T12 CA08110-06)
7. \$60,519.00 granted by National Science Foundation, Washington, D. C., to the University for support of the 1971 Summer Institute in Environmental Sciences for Secondary School Teachers under the direction of the College of Education. This grant terminates on September 30, 1971. (GW-6097)
8. \$53,940.00 granted by National Science Foundation, Washington, D. C., to the University for support of the 1971 Summer Institute in Geology for Secondary School Teachers under the direction of the Department of Geology. This grant terminates on September 30, 1971. (GW-5970)
9. \$43,009.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support Grant," under the direction of the College of Pharmacy, for the period January 1, 1971 through December 31, 1971. (Grant No. 5 S01 RR05607-05)
10. \$35,555.00 granted by National Science Foundation, Washington, D. C., to the University for support of the 1971 Summer Institute in Physics for Secondary School Teachers under the direction of the Department of Physics. This grant terminates on September 30, 1971. (GW-6296)
11. \$34,963.00 granted by Ohio Board of Regents, Columbus, Ohio, to the University for "An Urban Extension Program for Central Ohio," under the direction of the Division of Continuing Education. (Program No. 71-944-006)
12. \$33,178.00 granted by National Science Foundation, Washington, D. C., to the University for support of a "Student Science Training Program (Pre-College)," under the direction of the Department of Mathematics. This grant terminates on October 31, 1971. (GW-6576 - Proposal No. 1/120-2710)

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

13. \$25,960.00 granted by National Science Foundation, Washington, D. C., to the University for support of "Undergraduate Research Participation," under the direction of the Department of Chemistry. This grant terminates on October 31, 1971. (GY-8882 - Proposal No. 1/3017)
14. \$25,350.00 granted by National Science Foundation, Washington, D. C., to the University for support of "Undergraduate Research Participation," under the direction of the College of Pharmacy. This grant terminates on October 31, 1971. (GY-8737 - Proposal No. 1/2646)
15. \$20,890.00 granted by National Science Foundation, Washington, D. C., to the University for support of "Undergraduate Research Participation," under the direction of the Department of Physics. This grant terminates on October 31, 1971. (GY-8888 - Proposal No. 1/2279)
16. \$16,200.00 additional grant by U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., to the University for a Law Enforcement Education Program (LEEP), for the period July 1, 1970 through June 30, 1971. (Transaction No. 003090-71)
17. \$14,605.00 granted by National Science Foundation, Washington, D. C., to the University for support of a "Student Science Training Program (Pre-College)," under the direction of the College of Engineering. This grant terminates on October 31, 1971. (GW-6679 - Proposal No. 1/2322)
18. \$2,269.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," under the direction of the University Libraries, for the period January 1, 1971 through December 31, 1971. (Grant No. 5 G01 LM00187-05)
19. \$2,088.00 granted by State of Ohio, Department of Urban Affairs, Columbus, Ohio, to the University for a 2-day conference for training personnel in the Office of Urban Affairs of the State of Ohio.
20. \$1,800.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Graduate Fellowship Program under the direction of the Office of Academic Affairs - International Programs, for the period July 1, 1970 through February 29, 1972. (Grant No. OEG-70-0220-824)

TOTAL - Administered Through the Office of Business and Finance  
\$1,363,787.00

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$83,082.00 from The John A. Hartford Foundation, Inc.

The trustees of The John A. Hartford Foundation, Inc., have approved a grant to the University in the amount and for the purpose as indicated below subject to formal acceptance by the Board of Trustees:

\$83,082.00 granted to the College of Medicine of The Ohio State University for support of the study of the diagnosis and treatment of islet-cell tumors.

President Fawcett recommended therefore that the above-identified grant be accepted and administered in accordance with the conditions set forth in the grant agreements between The John A. Hartford Foundation, Inc., and The Ohio State University.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees accepted the above grant from The John A. Hartford Foundation, Inc., by unanimous voice vote.

2. \$312,021.85 from the Estate of Adah V. Wiseman to establish three new endowed funds in the College of Medicine.
3. \$142,881.36 from the Estate of Louis and Lillian B. Burgwald for the L. H. Burgwald Memorial Fund in the College of Agriculture and Home Economics.
4. \$50,000.00 from The Kiplinger Foundation for the establishment of the Willard M. Kiplinger Professorship of Public Affairs in the School of Journalism.
5. \$30,180.00 from Bell Telephone Laboratories for their teaching and research fund.
6. \$23,250.00 from the Charles F. Kettering Foundation for its fund for the Study of Human Motivation.
7. \$22,903.96 from the Estate of Rena M. Stoiber as an unrestricted gift to the University.
8. \$14,800.00 from Ohio Lions Eye Research Foundation for Ohio Lions Club Blindness Research Fund.
9. \$14,750.00 from General Motors Corporation for scholarships.

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. \$13,695.13 from the Estate of Alta J. Donovan to establish the John Dale Donovan Scholarship Fund.

John Dale Donovan Scholarship Fund

The John Dale Donovan Scholarship Fund was established February 3, 1971, by the Board of Trustees of The Ohio State University with a bequest from the Estate of Alta J. Donovan, late of Delaware, Ohio.

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

The annual income is to be used for scholarships to students enrolled in Aeronautical Engineering, known at the time of receipt of the bequest as the Department of Aeronautical and Astronautical Engineering, said students to be selected by the University Scholarship Committee.

Should the Department of Aeronautical and Astronautical Engineering cease to exist, through any reorganization of the University, then the scholarship or scholarships may be awarded to students in closely related academic fields.

11. \$12,000.00 from Battelle Memorial Institute for a Professorship in Theoretical Chemistry.
12. \$11,455.50 from George W. Timmons for a project to be designated at a later date.
13. \$10,000.00 from B & L Motor Freight, Inc. --\$5,000.00 for the Howard and Catharine Bonner LeFevre Scholarship and \$5,000.00 for the Zollinger Research Fund.
14. \$10,000.00 from the Clow Foundation for the Harkers Fund in the College of Medicine.
15. \$10,000.00 from The Columbus Foundation for the establishment of an endowed fund in the name of Edith Fergus Gilmore.
16. \$10,000.00 from Robert H. Fergus for the Edith Fergus Gilmore Fund.
17. \$10,000.00 from the Ford Motor Company Fund for the Center for Tomorrow Fund.
18. \$10,000.00 from C. R. Porthouse Charitable Trust for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

19. \$8,250.00 from Labouchere and Company for the Gastroenterology Research Fund.
20. \$8,096.85 from the Estate of Doris M. Risley for the endowed Doris and Clifford Risley Scholarship Fund.
21. \$8,000.00 from Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.
22. \$8,000.00 from F. & R. Lazarus & Company for the Center for Tomorrow Fund.
23. \$8,000.00 from National/Ohio 4-H Foundation Campaign for its fund.
24. \$7,800.00 from Children's Hospital - Dispatch Charities - Pro-Am Championship for the Robert K. Barton Memorial Fund in the College of Law.
25. \$7,500.00 from Suburban Motor Freight, Inc., for the James R. Riley Professorship of Marketing and Logistics.
26. \$7,387.50 from Mr. and Mrs. Edward E. Montgomery, Sr., to establish a scholarship fund for freshmen students.
27. \$7,200.00 from Boise Cascade for research in the Department of Mechanical Engineering.
28. \$7,168.75 from Mrs. William L. Benedum for the John W. Bricker Professorship in the College of Law.
29. \$7,100.00 from Jacob E. Davis for the Business Youth Opportunity Program.
30. \$7,000.00 from Dr. William H. Havener for eye research.
31. \$6,671.88 from Ralph W. Kurtz for the Harkers Fund in the College of Medicine.
32. \$6,000.00 from The Edward C. and Hazel L. Stephenson Foundation for its named scholarship fund.
33. \$5,400.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
34. \$5,280.00 from Mr. and Mrs. Oscar E. Carlin for their endowed scholarship fund.
35. \$5,000.00 from American Cancer Society for a research fund under the direction of the College of Biological Sciences - Microbiology and Cellular Biology.

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

36. \$5,000.00 from Bethlehem Steel Corporation and Subsidiary Companies as an unrestricted gift to the University.
37. \$5,000.00 from Esso Education Foundation for its fellowship in Chemical Engineering.
38. \$5,000.00 from Mr. and Mrs. Robert M. Estrich for the Joseph V. Denney Memorial Fund.
39. \$5,000.00 from Dr. James W. Keller for a project to be designated at a later date.
40. \$5,000.00 from Dr. B. F. King for the Orthodontics Library Fund.
41. \$5,000.00 from NOBA, Inc., for support of a research project in the Department of Dairy Science.
42. \$5,000.00 from Ohio Contractors Association for a lectureship fund in Construction Engineering.
43. \$5,000.00 from the Schumacher Foundation for the Center of Research in Art and Technology.
44. \$5,000.00 from Standard Oil (Indiana) Foundation, Inc. -- \$3,000.00 for the Distinguished Teachers Awards and \$2,000.00 for the President's Special Fund.
45. \$5,000.00 from Russell D. Tipton for the Business Youth Opportunity Program.
46. \$5,000.00 from Harry R. Weyrich for the Business Youth Opportunity Program.
47. \$2,000.00 from Daniel Waitzman and Milton Goldberg for the establishment of the Leo C. Waitzman Memorial Scholarship Fund.

Leo C. Waitzman Memorial Scholarship Fund

The Leo C. Waitzman Memorial Scholarship Fund was established February 3, 1971, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Daniel Waitzman, B.S. Pharmacy '43, Columbus, Ohio, and Milton Goldberg, Toledo, Ohio, in memory of Leo C. Waitzman.

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

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

47. Leo C. Waitzman Memorial Scholarship Fund (continued)

The annual income is to be used to provide scholarship assistance for undergraduate and/or graduate students in the College of Pharmacy who have demonstrated academic ability and need for financial assistance. The recipients are to be selected by the University Scholarship Committee upon the recommendation of the Dean of the College of Pharmacy.

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

48. \$1,000.00 from George H. Chamblin, B.A. '31, LL.B. '32, for the establishment of the 1932 Law Class Fund.

1932 Law Class Fund

The 1932 Law Class Fund was established February 3, 1971, by the Board of Trustees of The Ohio State University with a gift through the Development Fund from George H. Chamblin, B.A. '31, LL.B. '32, Columbus, Ohio.

This gift, together with any subsequent gifts, earmarked for this fund, are to be invested in the University's Permanent Endowment, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income and/or principal may be used for approved College programs and activities at the direction of the Dean of the College of Law to provide any part or all of the salary, fee or other compensation of a part-time or full-time College of Law faculty member, in connection with a regular, visiting or adjunct appointment, or for honoraria in case of appointments of limited duration, but any individual so appointed must have had a minimum of eight (8) years experience in the active practice of law.

In the event the College of Law, as it now exists, shall be altered in any reorganization of the University, then the administrative official of the University directly responsible for legal education shall direct the use of this fund in strict accordance with the provisions as to its use.

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

49. \$1,000.00 from Galen F. Oman for the establishment of the Galen F. Oman Architecture Scholarship Fund.

Galen F. Oman Architecture Scholarship Fund

The Galen F. Oman Architecture Scholarship Fund was established February 3, 1971, by the Board of Trustees of The Ohio State University with a gift through the Development Fund from Galen F. Oman, B. Arch. Engr. '20, B. Arch. '20, Columbus, Ohio.

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

The annual income is to be used for scholarships for students enrolled in the School of Architecture, as recommended by the Director of the School and selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Architecture 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 appropriate administrative official of the University who is then directly responsible for architecture education.

50. \$761.00 from friends, faculty, students, and alumni of the College of Administrative Science for the establishment of the Katherine Porter Allen Prize.

Katherine Porter Allen Prize

The Katherine Porter Allen Prize was established February 3, 1971, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from friends, faculty, students, and alumni of the College of Administrative Science.

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

The annual income is to be used for a prize to be awarded each spring to the outstanding female member of the baccalaureate graduating class of the College of Administrative Science as selected by the Dean of the College.

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

50. Katherine Porter Allen Prize (continued)

Should the need for these prizes cease to exist or so diminish as to provide unused income or should the College of Administrative Science 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 of the appropriate administrative official of the University who is then directly responsible for education in administrative science.

TOTAL - Received Through The Ohio State University Development Fund  
\$970,635.78

C. Gifts-in-Kind

1. Property located at 1590 Neil Avenue, Columbus, Ohio, being Lot No. 4, Elizabeth J. McMillen's University Subdivision, from Dr. and Mrs. Henry B. Lacey, Columbus, Ohio, to the Board of Trustees of The Ohio State University.

The property includes a fire-damaged house, which will have to be demolished. The anticipated appraised value of the gift is \$23,500.00.

The property or the proceeds therefrom are to be held in the University's endowment portfolio, under provisions of Section 3345.16 of the Revised Code of Ohio; and separately identified as the Henry B. and Cecelia Haddox Lacey Fund, annual income from which is to be used to support the Division of Orthopaedic Surgery of the College of Medicine as approved and recommended by the Dean of the College of Medicine.

2. Equipment from Digital Equipment Corporation, Maynard, Massachusetts, for the Department of Chemical Engineering.
3. A gift of clothing from Mr. Harvey S. Firestone, Jr., for the School of Home Economics.
4. Property located in the State of Colorado from the Estate of Dorothy D. Henry.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

February 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. Month of November, 1970

In November, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,384	\$ 108,009.35
Individuals Other than Alumni	2,754	92,744.46
Business Concerns	116	55,985.13
Foundations and Nonprofit Organizations	29	94,311.67
	<u>7,283</u>	<u>\$ 351,050.61</u>

2. Month of December, 1970

In December, 1970, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	6,011	\$ 479,619.21
Individuals Other than Alumni	553	470,415.90
Business Concerns	36	117,220.40
Foundations and Nonprofit Organizations	59	174,618.07
	<u>6,659</u>	<u>\$1,241,873.58</u>

3. Annual Report, 1970

The total gifts received and the number of donors making these gifts for the calendar year 1970 were as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	31,138	\$1,604,822.72
Individuals Other than Alumni	6,039	851,977.94
Business Concerns	549	943,291.94
Foundations and Nonprofit Organizations	504	1,189,432.19
	<u>38,230</u>	<u>\$4,589,524.79</u>

During the Centennial Year the total gifts and pledges through The Ohio State University Development Fund amounted to \$10,285,297.00.

IV. GRANTS AND GIFTS (continued)

E. Resolution of Commendation

Mr. Shocknessy proposed the following resolution for adoption by the Board of Trustees:

RESOLVED, That the Board of Trustees notes with gratification the achievement of the Centennial Year goal of \$10 million in gifts and pledges by The Ohio State University Development Fund and offers its highest commendation to all of those whose efforts made this possible including the many volunteers, the members of the Board of Directors and the staff members;

BE IT FURTHER RESOLVED, That the contributors, including alumni, parents, friends, foundations, industrial and business concerns, provided a most significant and tangible demonstration of support for vital growth programs, which will help this University to fulfill its obligations to society and realize its full potential as one of the nation's outstanding comprehensive universities.

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

\*

\*

\*

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. University Hospital - Renovation of Mechanical System in Central Service Areas

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 36,706.00	\$ 37,155.80	\$ 449.80

Funds for this project have been provided by a transfer from Budget Account 920600 (Hospital Rotary) to Budget Account 801190 (University Hospital - Renovation of Mechanical System).

B. Railroad Siding Removal and Site Restoration

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 58,364.04	\$ 66,703.62	\$ 8,339.58

Funds for this project have been provided by the State of Ohio from compensation for properties taken for the new Olentangy River Expressway right-of-way and made available in Budget Account 801211 (Olentangy Freeway Relocation).

February 3, 1971 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

C. Student Health Facility

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,811,875.00	\$1,827,942.67	\$16,067.67

Funds for this project have been provided from Budget Account 180008 (Student Services Fees) and Budget Account 180009 (Student Facilities Fees).

D. Humanities Center - Language Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,880,408.00	\$1,900,387.00	\$19,979.00

Funds for this project have been provided from Item 315-044, H. B. 202; Item 315-041, H. B. 886, Health, Education and Welfare Grant (Title I); and Health, Education and Welfare Grant (Title II).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Interior Decorating for 1971

This project provides interior patching of plaster, painting and other normal maintenance in Hagerty Hall and Denney Hall.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Sisson Hall - Remodeling for Offices and Laboratories

This project provides the remodeling and conversion of rooms from a Parasitology Laboratory and equipment storage to additional faculty offices, graduate student study rooms, three research laboratories and one cold room.

February 3, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. Sisson Hall - Remodeling for Offices and Laboratories (continued)

Funds for the project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

C. River Pump House - Electrical Feeders

This project removes the Stadium electrical load from the river pump house by the installation of a selector switch and cables to connect it to an alternate circuit.

Funds for the project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Animal Science Building - Remodeling of Mechanical System

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 11-20-70)		
Farber Corporation (Columbus)	\$ 44,425.00	\$ 49,774.00
<u>Electrical Contract</u>		
(4 bids received 11-30-70)		
S & S Electric Co., Inc. (Columbus)	11,470.00	16,471.00
<u>Total Contracts</u>	<u>\$ 55,895.00</u>	<u>\$ 66,245.00</u>

Funds for this project have been transferred from Budget Account 149997 (New Programs Reserve) to Budget Account 801205 (Animal Science Air Conditioning).

February 3, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. University Hospital - Chilled Water Systems Additions

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 12-1-70)		
Waller & Lund, Inc. (Columbus)	\$ 40,830.00	\$ 43,570.00
<u>Mechanical Contract</u>		
(3 bids received 12-11-70)		
J. A. Guy, Inc. (Dublin, Ohio)	869,700.00	885,000.00
<u>Electrical Contract</u>		
(5 bids received 12-1-70)		
Jess Howard Electric Co. (Columbus)	<u>153,693.00</u>	<u>296,758.00</u>
<u>Total Contracts</u>	<u>\$1,064,223.00</u>	<u>\$1,225,328.00</u>

Funds for this project have been loaned to the University Hospitals from Budget Account 809999 (Plant Funds Account Receivable) and transferred to Budget Account 801228 (Hospital Chilled Water Systems).

C. Derby Hall - Improvements for Political Science Department

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Acoustical Contract</u>		
(3 bids received 1-12-71)		
Frank Vlack Co., Inc. (Columbus)	\$ 2,277.00	\$ 3,283.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(7 bids received 1-12-71)		
Limbach Company (Columbus)	19,100.00	25,320.00
<u>Electrical Contract</u>		
(7 bids received 1-12-71)		
Jess Howard Electric Co. (Columbus)	<u>14,120.00</u>	<u>19,200.00</u>
<u>Total Contracts</u>	<u>\$ 35,497.00</u>	<u>\$ 47,803.00</u>

Funds for this project have been provided from Item 315-074 Utilities and Renovation, H. B. 531, and by a transfer of funds from Budget Account 149997 (New Programs Reserve) to Budget Account 801231 (Derby Hall Alterations).



February 3, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

F. College of Dentistry, South Wing Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 2-2-71)		
Knowlton Construction Co. (Bellefontaine, Ohio)		
Base bid	\$2,028,000.00	\$2,382,000.00
Alt. G-1 Additional enclosed space on Fourth Floor	30,000.00	15,000.00
Alt. G-2 Laminated plastic paneling for dental cubicles	56,000.00	50,000.00
Alt. G-6 Labeled doors and frames for existing stairways	5,000.00	N/C
Total Contract	<u>\$2,119,000.00</u>	<u>\$2,447,000.00</u>
 <u>Plumbing Contract</u>		
(6 bids received 2-2-71)		
Huffman-Wolfe Co. (Columbus)		
Base bid	\$ 525,675.00	\$ 597,000.00
Alt. P-1 Relocation of Third Floor roof drains	100.00	2,000.00
Total Contract	<u>\$ 525,775.00</u>	<u>\$ 599,000.00</u>
 <u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 2-2-71)		
Julian Speer Co. (Columbus)		
Base bid	\$1,174,500.00	\$1,123,000.00
Alt. H-3 Fourth Floor unit heaters	4,600.00	2,000.00
Alt. H-4 Interconnect piping for existing chillers	15,000.00	7,000.00
Alt. H-5 Temperature control tie- in to existing panel	19,000.00	30,000.00
Total Contract	<u>\$1,213,100.00*</u>	<u>\$1,162,000.00</u>
 <u>Electrical Contract</u>		
(5 bids received 2-2-71)		
McCarty Brothers Electric Co. (Columbus)		
Base bid	\$ 767,700.00	\$ 652,000.00
Alt. E-3 Fourth Floor lighting of unit heaters	2,300.00	2,000.00
Alt. E-4 New site lighting fixtures	1,200.00	2,000.00
Alt. E-5 Relocation of University Hospital service feeders	16,000.00	15,000.00
Total Contract	<u>\$ 787,200.00*</u>	<u>\$ 671,000.00</u>

\*All bids on the Heating, Ventilating and Air Conditioning Contract and the Electrical Contract were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of this contract to the low bidder is recommended subject to the approval of the State Controlling Board.

February 3, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

F. College of Dentistry, South Wing Addition (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Lecture Hall Seating Contract</u> (3 bids received 2-2-71)		
Smith and Schaefer (Columbus)		
Base bid	\$ 44,602.00	\$ 30,000.00
Total Contracts to be awarded at this time**	<u>\$4,689,677.00</u>	<u>\$4,909,000.00</u>

\*\*The bids for the Laboratory Equipment Contract are under study and recommendation for the award of this contract will be presented to the Board of Trustees at the next meeting.

Funds for this project have been provided from Item 315-072 (Dental Building, Phase II), H. B. 531; Item 235-010 (Architectural Planning to Board of Regents); and a Public Health Service Grant.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VIII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

Ohio Department of Highways Request No. 48

Approves the agreement dated November 16, 1970, between the Ohio Department of Highways and The Ohio State University relative to the relocation and improvement of State Route 315.

\*

\*

\*

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laneview Service Center - Railroad Siding,  
Employment of Engineers

President Fawcett recommended that the engineering firm of E. S. Preston Associates, Inc., be employed to provide professional engineering services including complete design, preparation of plans, specifications, and bid documents but excluding supervision of construction.

The fee for this service has been negotiated and is based on the standard fee schedules of the Ohio Society of Professional Engineers. It shall not exceed \$7,735.00.

February 3, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Laneview Service Center - Railroad Siding,  
Employment of Engineers (continued)

Funds for this project have been provided by the State of Ohio from compensation for properties taken for the new Olentangy River Expressway right-of-way and made available in Budget Account 801211 (Olentangy Freeway Relocation).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

B. Withdrawal from Dividend Reserve on Group Life Insurance

President Fawcett recommended that the Vice President for Business and Finance be authorized to make application to John Hancock Mutual Life Insurance Company for the withdrawal of \$70,000.00 from the dividend reserve account on Group Life Insurance Policy No. 1305-G in order to make expenditures for supplemental retirement benefits to our emeriti in accordance with Board action of July 10, 1959; for major medical coverage for emeriti in accordance with Board action of April 10, 1959; and death benefits as approved by action of the Board of Trustees on July 11, 1955.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

C. Newark Campus - Electric Line Easement, Ohio Power Company

WHEREAS, the Ohio Power Company has requested an easement on State of Ohio lands that have been designated for the use of The Ohio State University, Newark Campus; and

WHEREAS, the Ohio Power Company is providing service to a new subdivision being constructed adjacent to the Newark Campus and requires an easement to install an anchor for a guy wire supporting a pole;

NOW, THEREFORE, it is recommended that for the sum of \$60.00 an easement be granted to the Ohio Power Company giving permission to install an anchor extending nine feet into University lands; and

BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of this anchor.

Upon motion of Mr. Hilliker, seconded by Mr. Dorsey, the above recommendation and resolution were approved by unanimous roll call vote with Mr. Ketterer abstaining.

\*

\*

\*

February 3, 1971 meeting, Board of Trustees

X. AWARD PRESENTED TO PRESIDENT FAWCETT

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees voted unanimously to include in the minutes of this meeting the following citation by the Chamber of Commerce in presenting to President Fawcett its 1971 Columbus Award in recognition of "distinguished community service":

CHAMBER OF COMMERCE

1971 Columbus Award

Presented in Recognition of

DISTINGUISHED COMMUNITY SERVICE

to

NOVICE G. FAWCETT

Distinguished educator, administrative statesman, realistic idealist; whose energetic devotion to his institution and its goals have had immeasurable influence in bringing about its status as one of the nation's most comprehensive and prestigious universities, and in bringing renown to Columbus, Ohio, as its home.

During one and one-half decades of this leadership, he has successfully engineered the response to a multitude of academic challenges. Unprecedented enrollment growth has been met by a monumental building program based on a very personal concern for the individual. The bewilderingly-swift expansion of knowledge has been answered by comprehensive wisdom and enlightened programming. During the same time span an emphasis on quality has resulted in the upgrading of virtually every facet of the operation, and an impressive accumulation of top-quality courses. The disquiet of a troubled society in need of constructive change, mirrored and dramatized by the constituents of modern academe, are met by sensitive concern and reasoned response.

He is unsparing of self in undertaking a multitude of outside obligations which, over the years, include service to local organizations as director, board member, trustee, or in similar capacities. Despite a daily schedule of formidable demands, he tirelessly shares his expertise in public relations, fiscal matters, counseling, administration and scholarship with private citizens and with local, national and international concerns and graciously honors an unreasonable number of speaking engagements which are pressed on him. Tributes of achievement have been awarded him by many such groups.

He is highly esteemed by fellow professionals and has an enviable record of membership in most every type of association allied to higher learning, as well as the distinction of presiding over many, including the National Association of State Universities and Land Grant Colleges. To date, honorary degrees have been conferred on him by fourteen institutions of higher learning.

February 3, 1971 meeting, Board of Trustees

X. AWARD PRESENTED TO PRESIDENT FAWCETT (continued)

His direction of a complex and intellectually demanding undertaking is based on masterful understanding of each part, on a thorough grasp of its relationship to the sum total of man's accumulated knowledge, and on unique responsiveness in making those resources available to the service of humankind. These abilities have brought him recognition as an international figure in educational leadership.

His abilities as a long-range thinker, planner and human doer bring him grateful recognition as a dedicated, expert and eminent leader of our community.

\* \* \*

XI. REPORT

A. Report on the University's Investment Portfolio

The report dated February 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\* \* \*

XII. COMMITTEE APPOINTMENTS

Mr. Ketterer announced the appointment of the following-named persons to membership on the Retirement and Insurance Committee:

Retirement and Insurance Committee

Robert S. Dorsey  
John L. Gushman

\* \* \*

Thereupon the Board adjourned to meet Friday, March 5, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John G. Ketterer  
Chairman

APPENDIX V

Revision of Rules 27.0703 and 29.2711  
of Rules for the University Faculty

Approved by Faculty Council  
December 8, 1970

and Rules 29.01, 29.03, 53.0705  
of Rules for the University Faculty

Approved by Faculty Council  
January 26, 1971

Adopted by Board of Trustees February 3, 1971  
(See page 290)

Page 324 Blank

Revisions in Rules 27.0703, 29.01, 29.03, 29.2711,  
and 53.0705 of Rules for the University Faculty

The Faculty Council on December 8, 1970 and January 26, 1971, approved revisions in Rules 27.0703, 29.01, 29.03, 29.2711, and 53.0705 of Rules for the University Faculty. The text of the Rules as revised is as follows:

27.0703. Elections.

Section 1. Members shall be elected from each of the ten areas defined in Rule 27.0701 for staggered terms of three years and shall be ineligible for re-election for one year thereafter.

Section 2. Elections shall be administered and supervised by a Graduate Council Elections Committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the Spring Quarter of each year for terms beginning with the following Autumn Quarter.

There shall be a Graduate Council Nominating Committee in each area consisting of the retiring member of the Graduate Council representing that area, as chairman, and the chairman of the graduate committee for each Department in that area, or, in the absence of such a committee, the Department Chairman or his designated representative as members. The committee shall make a minimum of four nominations for its area, including nominations received by petition from any six or more members of the Graduate Faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be cast by mail directly to the Graduate Council Elections Committee and shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of the election.

- o -

29.01. Membership.

There shall be a Faculty Council constituted as follows:

- a. Ex officio Members. There shall be twenty-eight ex officio members: The President; Provost and Vice President for Academic Affairs; Executive Vice President for Administrative Operations; Vice President for Business and Finance; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Secretary of the University Faculty; Dean of the Graduate School; Dean for Undergraduate Programs in Arts and Sciences; Deans of the Colleges; and Director of Libraries.
- b. Faculty Members. There shall be sixty-eight members elected from the University Faculty on Regular contract, distributed among and elected by each college, academic unit not assigned to a college, and regional campus with a resident faculty and its own Faculty Council. For the purposes of this section, there are two academic units not so assigned: (1) the library and (2) the Departments of Military, Naval, and Air Force Aerospace Studies. Each college, each such academic unit, and each such regional

29.01. Membership. (continued)

campus shall constitute an election district from which shall be elected the number of members as specified for each election by the Committee on Elections for the Faculty Council, and shall elect at least one member. No person is eligible to represent one college, academic unit, or regional campus while serving as representative of another.

- c. Student Members. There shall be thirty-three elected members, with voting privileges on all matters except to pass on candidates for degrees: one by each of the sixteen college councils; eight by the Council of Graduate Students; the President of the Undergraduate Student Body; and eight by the Student Assembly.
- d. Alternate Members. Each member of the Faculty Council is expected to attend its meetings regularly but alternate representatives shall be designated for each election district in order to assure full attendance at meetings when regular representatives are justifiably absent.

When a regular member is off duty or unable to attend a meeting of the Faculty Council, he shall notify the Secretary of the Council in advance of the meeting, giving the name of the alternate who will represent him. The alternate so designated shall then have the general powers and privileges in the Faculty Council of the person whom he represents.

Alternates shall be designated as follows: (a) alternates for ex officio members - each ex officio member shall designate his alternate; (b) alternates for elected members - unsuccessful candidates for election shall constitute a panel of alternates in each election district, in the order of votes which they received in the election.

- o -

29.03. Election of Faculty Members.

- o -

29.2711. Athletic Council.

Section 1. The Athletic Council shall consist of eleven members, six of whom shall be members of the University Faculty, two of whom shall be alumni of the University, and three of whom shall be students of the University. These members shall be elected as follows:

- a. The Faculty Members. The faculty members shall be elected by the Faculty Council in the spring of each year at one of its regular meetings. The term of service shall be six years commencing July 1 following election, the terms to be staggered so that one member retires each year.

Revisions in Rules 27.0703, 29.01, 29.03, 29.2711,  
and 53.0705 of Rules for the University Faculty (continued)

29.2711. Athletic Council. (continued)

Each election of a member of the Athletic Council by the Faculty Council shall be from a slate of three candidates submitted by the President. The candidate receiving the greatest number of votes shall be declared elected. In the event of a vacancy in the faculty membership on the Athletic Council, the Faculty Council shall elect (from a slate of three candidates submitted by the President) a member of the University Faculty to fill the unexpired term.

- b. The Alumni Members. The alumni members shall be designated by The Ohio State University Association for a term of three years and under such procedures as the Association shall adopt.
- c. The Student Members. Two student members shall be elected by the Student Assembly for a term of one year under such procedures as the Assembly shall adopt. One student member shall be selected by the Council of Graduate Students for a term of one year under such procedures as the Council shall adopt.

- o -

53.0705. Graduate Student Representation on University Committees.

Section 1. Each of the following Committees or Councils shall include in its membership one representative from the Council of Graduate Students: the Graduate Council, the Advisory Committee on Cultural Programs, the Committee on Academic Misconduct, the Library Council, the Ohio Union Council, and the University Scholarship and Loan Committee. Membership shall include the right to vote.

- o -

Page 328 Blank

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

Columbus, Ohio, March 5, 1971

The Board of Trustees met at its regular monthly meeting on Friday, March 5, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

March 5, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and Deletion of Rule 27.11 of Rules for the University Faculty

On February 9, 1971, the Faculty Council approved the following revisions in the Rules for the University Faculty:

1. That Rules 13.0105, 13.0302, and 26.01 which pertain to the organization of the Colleges of the Arts and Sciences be revised to provide for the change in administrative structure from Dean for Undergraduate Programs for the College of Arts and Sciences to Vice Provost for Arts and Sciences. These rules also provide for changing the number of Colleges in the Arts and Sciences from six to five since University College operates as a separate unit.
2. That Rule 27.09 be modified to define the committee structure of the Graduate Council.
3. That Rule 27.11 be deleted since provisions of the present rule are incorporated in Rule 27.09.
4. That Rule 37.1301 be modified to permit proficiency credit in foreign language courses to be used toward credit for graduation.

President Fawcett recommended that the foregoing revisions in Rules for the University Faculty as shown in Appendix VI, page 363, be approved.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the Rules for the University Faculty.

B. Doctor of Arts Program in Russian Language and Literature

At the September 10, 1970, meeting of the Board of Trustees the Doctor of Arts degree was authorized in concept. Now the Graduate Council and the Council on Academic Affairs are recommending the first program for this degree, a Doctor of Arts in Russian Language and Literature. This program is designed to prepare college teachers in Russian Language and Literature rather than research scholars for whom the Ph. D. degree is available.

March 5, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Doctor of Arts Program in Russian Language and Literature (continued)

The Faculty Council at its February 9, 1971, meeting approved this program and recommend it for favorable action by the Board. Pursuant to Section 3333.04 of the Revised Code of Ohio, with this approval the proposal be forwarded to the Board of Regents for approval.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

C. Naming of Building

Upon the recommendation of the Vice President for Medical Affairs and with the concurrence of the President's Cabinet, President Fawcett recommended that the Mental Retardation Center located at 1580 Cannon Drive be named "Eugene F. McCampbell Hall" in memory of Dr. Eugene F. McCampbell.

The late Dr. Eugene F. McCampbell was the second Dean of the College of Medicine where he served from 1917 to 1927. He was responsible for the reorganization of the College of Medicine from a proprietary school of medicine into an academic college of medicine as an integral part of The Ohio State University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Reprinted Publication Entitled--Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules for the University Faculty

The publication entitled, Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules for 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 February, 1970. 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 108th General Assembly.

President Fawcett recommended that this publication be accepted in its reprinted form as the official publication of the Board of Trustees.

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

March 5, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 19, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 369.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

F. The University Hall Project

In a continuing effort to provide the urgently needed academic space through the University Hall Project which was funded by the 108th General Assembly and at the same time to accommodate the concerns of the various interested groups, we are now proposing a modified plan which has the endorsement of the Board of Regents and the State Controlling Board.

This plan provides for the demolition and reconstruction of the existing University Hall structure so that the exterior appearance of the new structure with the exception of the North Wing will generally duplicate the facade of the existing structure but with a more efficient internal configuration.

The additional space needs required within the program of requirements and the appropriation will be provided for through a separate structure adjacent to but integrated with this structure.

In order to proceed on this Project, President Fawcett recommended that the Board take the following actions:

1. That the Board's actions of November 6, 1970 and December 4, 1970, relating to the University Hall Project be rescinded and
2. That the Board thereby reinstates and reaffirms its earlier action of June 13, 1968, to wit:

WHEREAS, continuing studies by professionally qualified persons reveal serious doubt regarding the structural safety of the entire University Hall building.

BE IT RESOLVED that action be taken by University administrative officials to

- (1) implement at the earliest possible date the abandonment of University Hall as authorized by this Board of Trustees in action taken on May 9, 1968;

March 5, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. The University Hall Project (continued)

- (2) execute the demolition of the building following its evacuation; and
- (3) proceed with the development of plans and specifications for funding and constructing a building which will replace the critically needed academic space for the several basic education departments now housed in University Hall at the earliest possible moment.

and

3. That the project architect, C. Curtiss Inscho and Associates, be authorized to proceed with the design of these structures and be reimbursed at the standard rate for work done to date.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 3, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Leaves of Absence With Salary and Leaves of Absence Without Salary:

A. Appointments

Franklin P. Kilpatrick, Dean of the College of Social and Behavioral Sciences, effective August 1, 1971, at a salary of \$32,688.00 per annum. He will hold an appointment as Professor in the Department of Psychology.

Frank W. Hale, Jr., Associate Dean in the Graduate School, effective June 1, 1971, at a salary of \$26,208.00 per annum. He will hold an academic appointment as Professor in the Department of Speech.

Edward C. Melby, Jr., Associate Dean in the College of Veterinary Medicine, effective April 1, 1971, at a salary of \$33,888.00 per annum. Dr. Melby will hold an appointment as Professor in the Department of Veterinary Clinical Sciences.

Edward C. McDonagh, Professor in and Chairman of the Department of Sociology, effective October 1, 1971, at a salary of \$26,880.00 per annum.

March 5, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

In addition to the foregoing recommendations, the President presented the following change in assignment:

Robert L. Wall assumed the duties of Assistant Dean and Secretary of the College of Medicine (part time - 75 per cent), effective February 1, 1971. He will continue to hold his appointment as Professor (part time - 25 per cent) in the Department of Medicine. His combined salary will be \$28,488.00 per annum.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Joe D. Pittman, Instructor (Area Supervisor, McConnelville Area Center), effective April 1, 1971 through May 31, 1971, to participate in a program of professional improvement at The Ohio State University.

George W. Sherer, Instructor (County Extension Agent, Agriculture) Morgan County, effective April 1, 1971 through June 15, 1971, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Raphael D. Levine, Professor (Battelle Professor of Theoretical Chemistry), Department of Chemistry, effective February 14, 1971 through March 31, 1971, to serve as a Visiting Professor at the Hebrew University in Jerusalem.

Sherman P. Touchburn, Professor, Department of Poultry Science, effective March 14, 1971 through June 30, 1971, for postdoctoral study.

Mary R. Guilbert, Instructor, Department of Physical Medicine, effective March 8, 1971 through April 19, 1971, for personal reasons.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
January 9, 1971 - February 19, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	22	\$ 970,600.00
Industrial and Other Research	4	21,000.00
<u>Grants</u>		
Government Research - Federal	20	733,992.00
Industrial and Other Research	8	<u>57,472.62</u>
Totals	54	\$1,783,064.62

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as Project No. 1958-D - Mod. #4-1 - Department of Metallurgical Engineering).  
Gross Value - \$17,075.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as Project No. 2116 - Mod. #8 - Department of Physics).  
Gross Value - \$157,080.00.
- c. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Studies) (to be known as Project No. 2116-A - Mod. #8 - Department of Physics).  
Gross Value - \$62,920.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma pneumoniae Vaccines (to be known as Project No. 2356 - Mod. #8 - Department of Medical Microbiology).  
Gross Value - \$52,416.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- e. Office of Civil Defense, Department of Army, Washington, D. C., Disaster Studies (to be known as Project No. 2612 - Mod. #P479-8 - Department of Sociology).  
Gross Value - \$34,905.00.
- f. Department of Army, U. S. Army Medical Research and Development Command, Washington, D. C., Early Diagnosis of Infectious Diseases (to be known as Project No. 2634 - Mod. #P-104 - Department of Medicine).  
Gross Value - \$22,462.00.
- g. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, The External Gravity Potential on the Earth and Gravity Dependent Geodetic Parameters (to be known as Project No. 2758 - Mod. #P00003 - Department of Geodetic Science).  
Gross Value - \$83,000.00.
- h. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Stress Corrosion Cracking of FE-CR-NI Alloys in Caustic Environments (to be known as Project No. 2765 - Mod. #1-1 - Department of Metallurgical Engineering).  
Gross Value - \$84,000.00.
- i. National Aeronautics and Space Administration, Manned Spacecraft Center, Facility and Laboratory Support Branch, Houston, Texas, Investigations Related to Selenodetic Control (to be known as Project No. 2841 - Mod. #1-S - Department of Geodetic Science).  
Gross Value - \$50,000.00.
- j. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in Iron-Nickel-Chromium Alloy System (to be known as Project No. 2958 - Mod. #1 - Department of Metallurgical Engineering).  
Gross Value - \$39,000.00.
- k. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-A1 - Amend. #1 - Department of Metallurgical Engineering).  
Gross Value - \$32,000.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

1. U. S. Department of Interior, Fish & Wildlife Service, Bureau of Sport Fisheries & Wildlife, Washington, D. C., Seasonal Movements and Population Fluctuations of Red-Winged Blackbirds in the Lake Erie Region (to be known as Project No. 3016-A1 - Amend. #2 - College of Biological Sciences - Zoology).  
Gross Value - \$7,770.00.
- m. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Program to Apply the Gas Diagnostics in the AFFDL (Air Force Flight Dynamics Laboratory) (to be known as Project No. 3040-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$7,500.00.
- n. U. S. Navy Purchasing Office, Washington Navy Yard, Washington, D. C., Development of a Method to Produce Pictures with Acoustic Energy (to be known as Project No. 3158-A1 - New - Department of Welding Engineering).  
Gross Value - \$44,772.00.
- o. Department of Army, Office of Civil Defense, Washington, D. C., National Emergency Public Communications Systems (to be known as Project No. 3160-A1 - New - Department of Speech).  
Gross Value - \$39,982.00.
- p. Department of Air Force, Rome Air Development Center, Procurement Division (PM) Griffiss Air Force Base, New York, Investigation of Laser Propagation Phenomena (to be known as Project No. 3163-A1 - New - Department of Electrical Engineering).  
Gross Value - \$49,923.00.
- q. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - New - College of Administrative Science - Division of Continuing Education).  
Gross Value - \$50,000.00.
- r. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio, Investigation on the Degradation Mechanisms of Pigmented Polymeric Coatings (to be known as Project No. 3171-A1 - New - Department of Ceramic Engineering).  
Gross Value - \$20,000.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- s. U. S. Department of Interior, Bureau of Mines, Denver, Colorado, Fundamental Studies in the Use of Sonic Power for Rock Cutting (to be known as Project No. 3173-A1 - New - Department of Welding Engineering).  
Gross Value - \$27,145.00.
- t. U. S. Department of Interior, Bureau of Mines, Denver, Colorado, Fundamental Studies in the Use of Sonic Power for Rock Cutting (to be known as Project No. 3173-B1 - New - Department of Engineering Mechanics).  
Gross Value - \$22,855.00.
- u. U. S. Department of Interior, Bureau of Mines, Advanced Research Projects Agency, Denver, Colorado, Stresses, Deformations and Progressive Failure of Non-Homogeneous Fissured Rock (to be known as Project No. 3177-A1 - New - Department of Civil Engineering).  
Gross Value - \$46,113.00.
- v. U. S. Department of Labor, Office of Administrative Services, Division of Procurement, Washington, D. C., A Conference on the Evaluation of the Impact of Manpower Programs on Participants (to be known as Project No. 3180-A1 - New - College of Administrative Science - Division of Continuing Education).  
Gross Value - \$19,682.00.

TOTAL - Government Research Contracts - Federal \$970,600.00

2. Industrial and Other Research Contracts

- a. Illuminating Engineering Research Institute, New York, New York, Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Project No. 872 - Sup. #13 - Institute for Research in Vision).  
Gross Value - \$5,000.00.
- b. American Petroleum Institute, Washington, D. C., Critical Properties of Hydrocarbon Mixtures (to be known as Project No. 2029 - Sponsor Letter 1/11/71 - Department of Chemical Engineering).  
Gross Value - \$5,000.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- c. General Industrial, A Quantitative Program of Spectral Measurements on Selected Gases (to be known as Project No. 3159-A1 - New - Department of Physics).  
Gross Value - \$7,500.00.
- d. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Robert Nerem (to be known as Project No. 3179-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$3,500.00.

TOTAL - Industrial and Other Research Contracts \$21,000.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as Project No. 874-L - Ext. #12 - Department of Physiology).  
Gross Value - \$15,803.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as Project No. 1100-J - Ext. #9 - Department of Surgery).  
Gross Value - \$49,806.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as Project No. 1172-K - Ext. #10 - College of Biological Sciences - Biochemistry and Molecular Biology).  
Gross Value - \$23,304.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Catalytic Centers of Metal Enzymes (to be known as Project No. 1823-E - Ext. #5 - Department of Physiological Chemistry).  
Gross Value - \$23,238.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as Project No. 1882-F - Ext. #6 - Department of Psychiatry).  
Gross Value - \$14,428.00.
- f. National Science Foundation, Washington, D. C., Effects of Nutritional Factors on Distribution of Antarctic Lichens and Terrestrial Algae (to be known as Project No. 2395 - NSF Letter Dated 1/22/71 - Institute of Polar Studies).  
Gross Value - \$6,200.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as Project No. 2701-C - Ext. #3 - College of Biological Sciences - Biochemistry and Molecular Biology).  
Gross Value - \$19,332.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ephedrine Tachyphylaxis (to be known as Project No. 2753-A - Sup. #1 - College of Pharmacy).  
Gross Value - \$1,446.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-B - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$55,978.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Pathology of Thyrocalcitonin Allied Disease (to be known as Project No. 2766-B - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$27,411.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Hypocholesterolemic Agents-Stereochemical Studies (to be known as Project No. 2769-B - Ext. #2 - College of Pharmacy).  
Gross Value - \$25,906.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

1. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, General Research Support Branch, Division of Research Facilities and Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A2 - Ext. #2 - College of Veterinary Medicine).  
Gross Value - \$69,355.00.
- m. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases as Related to Reentry Aerodynamics (to be known as Project No. 2785 - Mod. #B - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$20,000.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-A - Ext. #1 - Department of Chemistry).  
Gross Value - \$28,046.00.
- o. National Science Foundation, Washington, D. C., Heterogeneous Plane Elasticity and Plate Bending (to be known as Project No. 3169-A1 - New - Department of Engineering Mechanics).  
Gross Value - \$45,300.00.
- p. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Analysis of Law Enforcement Data (to be known as Project No. 3174-A1 - New - Department of Sociology).  
Gross Value - \$9,924.00.
- q. National Science Foundation, Washington, D. C., Investigation of the Solar Spectrum in the Range 0.295 - 5.0 Microns (to be known as Project No. 3176-A1 - New - Department of Astronomy).  
Gross Value - \$15,000.00.
- r. National Science Foundation, Washington, D. C., Mechanized Information Center (to be known as Project No. 3182-A1 - New - Department of Computer and Information Science).  
Gross Value - \$204,236.00.
- s. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Suboptimum Environments (to be known as Project No. 3183-A1 - New - Department of Electrical Engineering).  
Gross Value - \$39,079.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- t. National Science Foundation, Washington, D. C., Permian and Triassic Biostratigraphy of the Central Cordilleran Miogeosyncline (to be known as Project No. 3184-A1 - New - Department of Geology).  
Gross Value - \$40,200.00.

TOTAL - Government Research Grants - Federal \$733,992.00

4. Industrial and Other Research Grants

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Project No. 1395 - Checks Nos. C0803492, C0813876, C0818221, C0818222 - Department of Surgery).  
Gross Value - \$3,031.62.
- b. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Project No. 2338-D - Letter Dated 1/22/71 - Department of English).  
Gross Value - \$19,000.00.
- c. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Ralph Waldo Emerson Works (to be known as Project No. 2992-A - Letter Dated 1/22/71 - Department of English).  
Gross Value - \$630.00.
- d. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #1 - Department of Pharmacology).  
Gross Value - \$1,278.00.
- e. Research Corporation, New York, New York, An Investigation of the "Induced-fit" Hypothesis and Enzyme Specificity (to be known as Project No. 3146-A1 - New - College of Biological Sciences - Biochemistry and Molecular Biology).  
Gross Value - \$5,000.00.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- f. Sport Fishery Research Foundation, Washington, D. C., The Impact of Cladophora on the Spawning of Fishes in Western Lake Erie (to be known as Project No. 3170-A1 - New - College of Biological Sciences - Zoology).  
Gross Value - \$3,033.00.
- g. Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio, A Single Dose Study of a New Drug (to be known as Project No. 3175-A1 - New - Department of Preventive Medicine).  
Gross Value - \$5,500.00.
- h. American Chemical Society, The Petroleum Research Fund, Washington, D. C., Molecular Spectra of Transient Species in the Gas Phase (to be known as Project No. 3181-A1 - New - Department of Chemistry).  
Gross Value - \$20,000.00.

TOTAL - Industrial and Other Research Grants \$57,472.62

Upon motion of Mr. Safford, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$19,004.00
Industrial Research Contracts	<u>2</u>	<u>15,203.00</u>
Totals	3	\$34,207.00

During the period from January 12, 1971 through February 12, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contract

EES 384X     Determination of Cost-Effective Technical Procedures  
                 for Use in the Ohio Floodplain Management Program,  
                 Ohio Department of Natural Resources, State of Ohio,  
                 Columbus, Ohio.  
                 Gross Value - \$19,004.00.

2. Industrial Research Contracts

EES 359X     A Theoretical Investigation of the Time Behavior of Ions  
Ext. #2        in Flowing Natural Gas Mixtures, Columbia Gas System  
                 Service Corporation, Columbus, Ohio.  
                 Gross Value - \$10,000.00.

EES 385X     Development of Turbine Test Program, The Cleveland  
                 Electric Illuminating Co., Cleveland, Ohio.  
                 Gross Value - \$5,203.00.

TOTAL - Industrial Research Contracts \$15,203.00

\*

\*

\*

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 3, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$220,705.00
Received Through The Ohio State University Development Fund	122,439.67

A. Administered Through the Office of Business and Finance

1. \$109,200.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Vocational-Technical Leadership Development Program, under the direction of the College of Education. This grant terminates on June 30, 1972. (Grant No. OEG-0-70-1945)

March 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

2. \$37,500.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Division of Educational and Research Facilities, Bethesda, Maryland, to the University for assistance in the purchasing of equipment for nurse training facilities. This grant is made under Title VIII, Part A, of the Public Health Service Act. (Grant No. 1 C05-CF-04103-01)
3. \$29,469.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Studies on Comparative Electrocardiography," for a Development Award - Research Career Program, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1971 through March 31, 1972. (Grant No. 5 K03 HE13524-09)
4. \$22,550.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 A02 AH 00010-04S2)
5. \$14,400.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Medical Student Apprenticeship Training," under the direction of the Department of Preventive Medicine, for the period March 1, 1971 through February 29, 1972. (Grant No. 5 A07 AH 00209-04)
6. \$7,586.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, to the University for "Medical Library Resource Support," under the direction of the University Libraries, for the period January 1, 1971 through December 31, 1971. (Grant No. 5 G01 LM 00190-05)

TOTAL - Administered Through the Office of Business and Finance  
\$220,705.00

B. Received Through The Ohio State University Development Fund

1. \$30,000.00 from E. I. duPont de Nemours & Company, Inc., Wilmington, Delaware--\$20,000.00 for research in Chemistry, \$5,000.00 for research in Chemical Engineering, and \$5,000.00 for research in Metallurgy.
2. \$18,500.00 from Eli Lilly and Company, Indianapolis, Indiana, for infectious disease research.
3. \$17,500.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.

March 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. \$16,000.00 from Haskins & Sells Foundation, Inc., New York, New York, for the Business Youth Opportunity Program.
5. \$8,386.67 from Ohio Electric Utility Institute, Columbus, Ohio, for O.E.U.I. Fellowship Fund in the Department of Electrical Engineering.
6. \$7,053.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for scholarships.
7. \$7,000.00 from the Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
8. \$5,000.00 from Edgar W. Ingram Foundation, Columbus, Ohio--  
\$4,000.00 for the Business Youth Opportunity Program and  
\$1,000.00 for a student grant in the Department of Animal Science.
9. \$5,000.00 from National Machinery Foundation, Tiffin, Ohio, for support for the Department of Mechanical Engineering.
10. \$5,000.00 from The Harry C. Moores Foundation, Gahanna, Ohio, for the establishment of the Harry C. Moores Dairy Technology Centennial Scholarship.

Harry C. Moores Dairy Technology Centennial Scholarship

The Harry C. Moores Dairy Technology Centennial Scholarship was established March 5, 1971, by the Board of Trustees of The Ohio State University with a gift through the Development Fund from The Harry C. Moores Foundation, in honor and in memory of Harry C. Moores, late of Columbus, Ohio, co-founder of the Moores & Ross Milk Company and the M. & R. Dietetic Laboratories, Columbus, Ohio.

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

The annual income is to be used for scholarships for Dairy Technology students, to be selected by the University Scholarship Committee upon the recommendation of the Chairman of the Department of Dairy Technology. Students would be selected on the basis of their academic potential as compared with other students seeking scholarships, and the amount awarded to any given student would not exceed the financial need of that student in attending Ohio State.

Should the Department of Dairy Technology cease to exist through any reorganization of the University, then the scholarship or scholarships may be awarded to students in closely related academic fields.

March 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

11. \$3,000.00 from the University Women's Club for the establishment of the Marjorie K. Fawcett Scholarship Fund.

Marjorie K. Fawcett Scholarship Fund

The Marjorie K. Fawcett Scholarship Fund was established March 5, 1971, by the Board of Trustees of The Ohio State University with gifts to the Development Fund from the University Women's Club, in honor of Marjorie K. Fawcett, wife of President Fawcett, in appreciation for her continuing inspiration and assistance to the University and the University Women's Club.

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

The annual income is to be used for scholarships to students selected by the University Scholarship Committee.

TOTAL - Received Through The Ohio State University Development Fund  
\$122,439.67

C. Gift-in-Kind

1. A Lockheed L-18/Howard 250 Aircraft, (Serial No. 2210, FAA Reg. No. N250U), including all equipment as installed in the aircraft and a complement of miscellaneous spare parts for the aircraft from Jeffrey Galion, Inc., 100 East Broad Street, Columbus, Ohio, to the Board of Trustees of The Ohio State University.

D. Establishment of New Fund from Previously Reported Gift

Kenneth Wiseman Scholarship in Medicine

The Kenneth Wiseman Scholarship in Medicine was established March 5, 1971, by the Board of Trustees of The Ohio State University with a bequest from Adah V. Wiseman, Columbus, Ohio, widow of the late Bruce K. Wiseman, M.D.

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

IV. GRANTS AND GIFTS (continued)

D. Establishment of New Fund from Previously Reported Gift (continued)

Kenneth Wiseman Scholarship in Medicine (continued)

The annual income is to be used to provide one or more scholarships to students enrolled in the College of Medicine who have taken their undergraduate work at The Ohio State University and who shall be deemed worthy and in need of financial assistance and who have demonstrated scholarly attributes. Applicants shall be chosen from the highest ranking students as determined by their grades, worthiness, and need of financial help at the time of applying for scholarship assistance. It is suggested that each scholarship should continue for each applicant who is chosen, for so long as the student requires financial help to complete the requirements of the College of Medicine for obtaining a degree of Doctor of Medicine.

Appointees to these scholarships shall be known as the KENNETH WISEMAN SCHOLARS IN MEDICINE, and shall be selected by the unanimous decision of a committee of three (3), consisting of the Dean of the College of Medicine, the Chairman of the Department of Medicine, and the Chairman of the Department of Surgery.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

E. Report from The Ohio State University Development Fund

In January, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	680	\$ 32,014.17
Individuals Other than Alumni	66	5,590.95
Business Concerns	16	66,812.40
Foundations and Nonprofit Organizations	31	70,839.27
	<u>793</u>	<u>\$175,256.79</u>

\*

\*

\*

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported.

March 5, 1971 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

A. General College - Building No. 2

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,334,350.00	\$2,380,837.59	\$46,487.59

The University College decided to accept the student response system bid which was originally an alternate. This accounts for the lion's share of the Change Order Cost.

Funds for this project have been provided from Item 315-051 (General College, Building No. 2), H. B. 949; Item 315-051 (General College, Building No. 2), H. B. 886; and a Health, Education and Welfare Federal Grant.

B. Expanded Computer Facilities for the College of Medicine

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 165,847.00	\$ 174,242.52	\$ 8,395.52

This job required the construction of an addition to Starling-Loving Hall. An underground masonry wall, a concrete sub-base and other similar items discovered during the construction process required change orders.

Funds for this project have been transferred from Budget Account 960200 (Hospital Rotary) to Budget Account 801196 (Expanded Computer Facilities for the College of Medicine).

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. McCracken Power Plant - 13 KV Distribution System Extension

This project provides for basic electrical utility capacity and connection to feed electrical systems in the Main Library and also will provide capability of serving future expansion in this general area.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

March 5, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. McCracken Power Plant - Coal Bunker Removal

This project consists of the removal of one or more sections of the overhead coal bunker including the hyperbolic concrete sides and the steel ends up to the supporting girders.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

C. Sisson Hall, Air Condition Animal Rooms 133 and 141

This project provides air conditioning and temperature control for Rooms 133 and 141 to comply with Federal standards for animal facilities.

Funds for this project have been transferred from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

D. Ramseyer Hall - Renovation and Air Conditioning

This project is a continuation of an earlier renovation project to convert the building from an elementary and secondary school to other College of Education uses.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801140 (Renovation of Ramseyer Hall).

E. Agricultural Technical Institute - Wooster

This project is for the first building of a new center for technical education in agriculture.

Funds for this project have been provided from Item 315-010 (Ohio Board of Regents Architectural Planning) and Item 366-001 (Agricultural Technical Institute, Ohio State University, Wooster), H. B. 531.

F. Ambulatory Patient Teaching Facility

This project will house all of the outpatient care programs of the College of Medicine and is basically the teaching and research laboratory of all patient medicine for undergraduate, post-M. D., nursing, and allied medical professional students.

Funds for this project have been provided from Item 315-016 (Medical Complex, Phase III) and a Public Health Service Federal Grant.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

March 5, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Orton Hall - Exterior Restoration and Waterproofing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (7 bids received 2-9-71) General Masonry Contractors, Inc. (Marion, Ohio)	\$28,778.00	\$61,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Medical Center Area - 13 KV Electric Service

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (6 bids received 2-17-71) Jess Howard Electric Company (Columbus)	\$57,347.00	\$88,000.00

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

Upon motion of Mr. Dorsey, seconded by Mr. Hilliker, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\*

\*

\*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

- 29 Approves the transfer of \$5,980,543.30 from Item 315-073 (University Hall), H. B. 531, to a new Item 315-078 (University Hall Complex), H. B. 531, and the release of \$230,543.00 to provide planning funds for this project.
- 30 Approves the award of the Mechanical Contract on the project "Air Condition Main Library" to the low bidder notwithstanding the fact that it is over the estimate of cost and the release of \$531,000.00 from Item 315-074 (Utilities and Renovation), H. B. 531, to provide funds for the project.

\*

\*

\*

March 5, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Electric Line Easement, South Bass Island - Ohio Edison Company

WHEREAS, the Ohio Edison Company requires additional electric facilities to serve the residents of South Bass Island; and

WHEREAS, the location of the underground cable requires a right-of-way through lands owned by the Board of Trustees of The Ohio State University; and

WHEREAS, the right-of-way through a portion of the former United States Coast Guard Light Station property will permit the Ohio Edison Company to construct a landing and install a new underground cable which will improve the reliability of service and permit the installation of a three-phase facility;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to request the Ohio Edison Company to prepare the necessary legal instruments to provide for the easement and to sign said easement on behalf of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Harrod, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

B. Kenny Road Widening - Agreement Between The Ohio State University and the Franklin County Board of County Commissioners

WHEREAS, the Franklin County Board of County Commissioners has requested permission to widen and improve part of Kenny Road known as Section "A" Part, County Road Number 57; and

WHEREAS, the construction of a part of the Kenny Road widening project is on The Ohio State University campus; and

WHEREAS, the Franklin County Board of County Commissioners and The Ohio State University recognizes the need to improve traffic flow along Kenny Road; and

WHEREAS, State land involving 4.271 acres will permit the Franklin County Board of County Commissioners to widen and improve Kenny Road from Station 54 + 34.22, approximately 30 feet north of the center line of Lane Avenue to Station 98 + 47.85 located approximately 160 feet south of the center line of Ackerman Road; and

WHEREAS, the County has agreed to reimburse the University for damages in the amount of \$8,470.00;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to act on behalf of the University to enter into an agreement between the Franklin County Board of County Commissioners and The Ohio State University to permit entry on said land

March 5, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Kenny Road Widening - Agreement Between The Ohio State University and the Franklin County Board of County Commissioners (continued)

to commence necessary improvements and to develop the necessary easements and legal instruments to provide for the conveyance of the land and other considerations necessary for the improvement to Kenny Road.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the above resolution was adopted by unanimous roll call vote.

\*

\*

\*

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Harold B. Alberty, Professor Emeritus in the College of Education - Academic Faculty Curriculum and Foundations; Jesse L. Amsbaugh, Associate Professor Emeritus in the Cooperative Extension Service; Daisy Davis, Associate Professor Emeritus in the School of Home Economics; Charles R. McClave, Clinical Professor in the Department of Pediatrics; Robert Bradford Miner, Professor in the College of Administrative Science - Academic Faculty of Marketing; and Chauncey E. Wilson, Assistant Professor Emeritus (Visual Aids Specialist) in the College of Agriculture and Home Economics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Harold B. Alberty

The Board of Trustees expresses its sorrow at the death on February 2, 1971, of Harold B. Alberty, Professor Emeritus in the College of Education - Academic Faculty Curriculum and Foundations.

Professor Alberty was born October 6, 1890, in Lockport, New York. He received his Ph. B. in 1912 from Baldwin University and the LL. B. in 1913 from Cleveland Law School. The Ohio State University awarded him the M. A. degree in 1923 and the Ph. D. degree in 1926. He joined the faculty of The Ohio State University as Instructor in 1925 and rose to the rank of Professor in the Department of Education in 1932. From 1938 to 1941, he served as Director of The Ohio State University Schools. He served with distinction in these posts, and upon his retirement on September 1, 1959, he was named Professor Emeritus.

During his long career, he became noted throughout the world for his studies of the secondary school curriculum. In recognition of his contributions to his own field and to the University, he received, on December 18, 1970, The Ohio State University Centennial Achievement Award.

Dr. Alberty was responsible not only for developing a sound philosophical and theoretical base for pre-collegiate curricula, but also, his work contributed markedly to bridging the gap between theory and practice. His

March 5, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Harold B. Alberty (continued)

active leadership role in the national Eight-Year Study, a large-scale experiment with the curricula of thirty secondary schools from 1932-1940, is one example of his contribution. He served widely as a consultant to schools, state departments of education, and universities of this country, and in 1953, was a member of the United States State Department Mission to Germany.

In all of his work, Dr. Alberty always maintained a vital interest in students and teaching. He challenged his students and colleagues to meet the high standards he set for himself. The respect that he won is exemplified, in part, by the recognition he received within his profession. He was a visiting lecturer at many universities and served in a leadership position in such professional organizations as the National Association for Supervision and Curriculum Development. Among his many honors, he received the 1971 award of the John Dewey Society for distinguished service to education.

Dr. Alberty published widely. His name is well known and respected in the literature of his field. He is particularly noted for his classic Reorganizing the High School Curriculum. A bibliography of his writing contains well over one hundred significant titles.

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 of Harold B. Alberty as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Jesse L. Amsbaugh

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 17, 1971, of Jesse L. Amsbaugh, Associate Professor Emeritus in the Cooperative Extension Service.

Mr. Amsbaugh was born March 22, 1907, in Moline, Kansas, and was graduated from Sullivan High School in Ashland County, Ohio, in 1924. He received the Bachelor of Science in Agriculture degree in 1928 and the Master of Science degree in 1938 from The Ohio State University.

Prior to joining the faculty of The Ohio State University in 1936, Mr. Amsbaugh taught vocational agriculture in Lake Township, Wood County, for eight years. In the summer of 1936, he served as a farm management specialist with the Farm Security Administration at Urbana, Illinois.

On October 1, 1936, he became Executive Assistant in Program Planning for the Ohio Cooperative Extension Service. Advancement into positions of greater responsibilities continued throughout his long service of public employment. In 1943, he was named Assistant Extension Supervisor, Emergency Farm Labor; in 1947, he was appointed Assistant Secretary, Ohio Cooperative Extension Service and was made an Assistant Professor; in 1951, he was promoted to Extension Secretary; in 1957, his title was

March 5, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Jesse L. Amsbaugh (continued)

changed to Secretary and Leader, Business Operations; and again in 1964 it was changed to Leader, Business Operations. In 1958, he was promoted to Associate Professor. He retired on March 31, 1967.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Amsbaugh earned and enjoyed the respect and admiration of co-workers and leaders throughout the state. His ability in handling business operations was widely recognized. He devoted long hours to personnel and financial matters affecting the efficient operations of Cooperative Extension programs and the welfare of the Extension faculty. He had many hobbies and was an active member of many professional and social organizations.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Amsbaugh 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 the family as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

C. Daisy Davis

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 19, 1971, of Daisy Davis, Associate Professor Emeritus in the School of Home Economics.

Miss Davis received her Bachelor of Science in Home Economics degree from The Ohio State University in 1924 and her Master of Arts degree from Teachers College, Columbia University, in 1931. She joined the faculty at The Ohio State University as an Instructor in 1929. She served as head of the household equipment division from the time of her original appointment and was active in establishing the home economics in business curriculum. Miss Davis retired in 1954. She was a member of Phi Upsilon Omicron and an honorary member of the Columbus, Ohio, Chapter of Electrical Women's Round Table.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

D. Charles R. McClave

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 7, 1971, of Charles R. McClave, Clinical Professor in the Department of Pediatrics.

March 5, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Charles R. McClave (continued)

Dr. McClave was born in Portsmouth, Ohio, on January 13, 1922. He received his B. A. degree in 1944 from Ohio University and his M. D. degree in 1946 from The Ohio State University. During this time, he was elected to both Phi Beta Kappa and Alpha Omega Alpha.

Dr. McClave served his internship at Los Angeles County General Hospital, and his residency at The Ohio State University in Columbus Children's Hospital. Upon completion of his residency training in 1951, he remained on The Ohio State University faculty and was promoted to Clinical Professor in 1969. He was certified by the American Board of Pediatrics in 1953. He served in the United States Army as a Captain from 1947 to 1949.

Dr. McClave was identified with the teaching program of the Department of Pediatrics and has taught in most of the general courses offered by the Department. He has participated in the third-year course in Clinical Pediatrics as a lecturer, attending pediatrician, and preceptor. He taught Physical Diagnosis to second-year medical students.

Dr. McClave was a member of the staff of five local hospitals. He served as Chairman of the Medical Staff of Children's Hospital from 1965 to 1966, and was presently serving as Chairman of the Pediatrics Section at Riverside Methodist Hospital. Dr. McClave was a member of the Central Ohio Pediatric Society, the Medical Symposium, the American Academy of Pediatrics, the American Medical Association, and the Academy of Medicine of Columbus and Franklin County.

Bob McClave was a truly sincere and dedicated practitioner of child care in its finest sense. He gave unwavering attention to his patients and was always sensitive to the needs of parents, brothers, and sisters during the child's illness. His excellent example as a family physician delivering child care has served as a model and an inspiration to many students, interns, and residents.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. McClave its deep 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 humble expression of the Board's heartfelt sympathy in its bereavement.

E. Robert Bradford Miner

The Board of Trustees expresses its sorrow at the death on February 6, 1971, of Robert Bradford Miner, Professor in the College of Administrative Science - Academic Faculty of Marketing.

A native of Conneaut, Ohio, Dr. Miner was born June 1, 1916. He received his Bachelor of Science degree in 1938 and his Master's degree in 1940, both from Ohio University. He earned his Ph. D. degree from Ohio State in 1948. Dr. Miner joined the OSU faculty as an Instructor in 1946 and served

March 5, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Robert Bradford Miner (continued)

as Chairman of the Department of Business Organization from 1957 to 1968. In his teaching field, he emphasized marketing research and business policy. He did extensive work in the theoretical and practical aspects of distribution cost analysis and control. Those who knew him well will remember his understanding and deep concern for his students.

Although his career has been relatively short, he has contributed untiringly to the College of Administrative Science, The Ohio State University, and business education. He has served on the College Research Committee, the Joint Policy Committee of the Executive Development Program, and the College Executive Committee. He was Chairman of the College Doctoral Programs Committee at the time of his death. His service to the University is evidenced by his appointments to handle many University assignments, among them, the Faculty Advisory Committee to the President and the Board of Trustees and the Rules Committee of the Faculty Council. Another of his contributions to business education was his work on the establishment of the graduate business administration program at Maritime College in Bronx, New York. Dr. Miner added to business literature co-authoring Introduction to Business Management (1951) and Distribution Costs (1953). He was a contributing editor to the Accountants Handbook (1970) and the Marketing Handbook (1965). He also wrote numerous articles which appeared in business and professional journals.

Active in both research and consulting, Dr. Miner was well known in the professional business world. During World War II, Dr. Miner was an officer in the United States Army, serving from 1943 to 1946.

Dr. Miner was recognized as a significant educator and business practitioner. He is listed in Who's Who in America, Who's Who in the Midwest, and American Men of Science and the Social and Behavioral Sciences. We have lost a colleague, professor, scholar, and friend.

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

F. Chauncey E. Wilson

The Board of Trustees of The Ohio State University expresses its deep regret at the death January 14, 1971, of Chauncey E. Wilson, Assistant Professor Emeritus (Visual Aids Specialist), in the College of Agriculture and Home Economics.

Mr. Wilson was born May 13, 1889, in Berkshire, Ohio. He was reared on a farm and attended elementary school and high school in Johnstown, Ohio. In 1910-1911, he attended Ohio Wesleyan University, then returned to Johnstown, Ohio, to teach school until 1916, when he enrolled at The Ohio State University. He took time from his academic work in 1918 and 1919 to serve

March 5, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

F. Chauncey E. Wilson (continued)

as cashier paymaster for the Ohio Branch of the Council of National Defense. He returned to Ohio State and received his Bachelor of Arts degree in 1920 and the same year joined the Office of Information as an Assistant Extension Photographer. He was promoted to an Instructor in 1928 and an Assistant Professor in 1932. He retired as an Assistant Professor and Assistant Editor May 31, 1959, after 39 years of service with the University.

Throughout his long career as a faculty member of the Ohio Cooperative Extension Service, Mr. Wilson enjoyed the respect of all those with whom he worked. His talents as a photographer and artist were widely known. Extension exhibits and displays viewed by thousands revealed his steady, skillful hand at lettering.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Wilson its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

\* \* \*

XI. REPORT

A. Report on the University's Investment Portfolio

The report dated March 4, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\* \* \*

XII. PRESIDENT FAWCETT'S LETTER ANNOUNCING HIS RETIREMENT

President Fawcett then indicated that he wished to read a letter which he had addressed to the members of the Board of Trustees. He indicated that first of all he wanted to report that he had been permitted to attend the Board meeting from the hospital where he was to return immediately following the meeting. He said he hoped that they had observed that he was in pretty good health and that he had had a superficial infection in his right leg for which he was undergoing treatment. The letter which was addressed to the Board of Trustees had been dictated on February 19, he said, and because of its contents he wanted to make the foregoing clear.

March 5, 1971 meeting, Board of Trustees

XII. PRESIDENT FAWCETT'S LETTER ANNOUNCING HIS RETIREMENT (continued)

C  
O  
P  
Y

March 5, 1971

Members of the Board of Trustees  
The Ohio State University  
190 North Oval Drive  
Columbus, Ohio 43210

Gentlemen:

For nearly fifteen years it has been my privilege to serve as President of The Ohio State University. Because of the nature of the enterprise, one's physical and intellectual energies become completely consumed in the pursuit of an institutional mission - a mission so complex that it defies definition, but one so challenging that it never ceases to inspire and stimulate its leadership to new levels of performance. Quite clearly a time comes when the institution can be served best by providing for an orderly transition from the long service of one President to the young, vigorous and energetic leadership of another.

I have pondered this question for a long time and have concluded that such inevitable change can be accomplished best if the Board of Trustees can work at the assignment of selecting a new President following a voluntary action on my part rather than waiting until action is required under the compulsory retirement regulation.

Therefore, I have tried to measure realistically the prospect of my continuing service against the totality of the problem that will confront you. My conclusion is that I would like to retire from the Presidency as of September 1, 1972. By making my wishes known now the Board will have at least a year to take such steps as it deems advisable in the selection of my successor.

As all of you know, the past fifteen years have constituted an era of phenomenal growth at this University both in size and in programs designed to meet the needs of the people. Given the critical nature of our problems during this era, I believe we have succeeded in solving most of them within the limits of available time and resources. In my view, the University now ranks among the distinguished universities of this country; it has completed its centennial year; it is well staffed to begin a new century of service; and it is now ready for a new era of leadership that can be sparked by a young and dynamic President who can preside over another kind of institutional transition that will mark its character and direct its course through the 1970s and beyond.

If you will graciously grant my request, I pledge to continue my best efforts as President during your search and to facilitate in every way I can a transition of authority and responsibility to a

March 5, 1971 meeting, Board of Trustees

XII. PRESIDENT FAWCETT'S LETTER ANNOUNCING HIS RETIREMENT (continued)

Members of the Board of Trustees  
The Ohio State University  
Page 2  
March 5, 1971

new President to the end that the University can, without undue stress, continue to pursue vigorously its important mission in service to the people of our State and Nation.

Finally, may I say that I have made no future plans for myself, nor am I prepared even to speculate about such plans at this time. I am trying only to help you face realistically the inevitable course of events that flows from the tides of time. I have come to love this University and want only to do what I can to help it. I have served under many distinguished men on this Board, and I have nothing but gratitude, admiration and respect for its present membership. For your unselfish service, for your deep sense of commitment to Ohio State, and for your vigorous support of its programs, I salute you and wish you well.

Sincerely,

/S/ Novice G. Fawcett

Novice G. Fawcett, President  
The Ohio State University

NGF/mr

Mr. Ketterer responded to President Fawcett's letter as follows:

After the shock of such a statement as you have just read, Mr. President, I am sure that I can't appropriately express the feeling of this Board while under the influence of the trauma of having you say what you have said in your letter to the Board of Trustees.

We have had the great pleasure of working with you for a number of years. To everybody on this Board, it has been an experience that I am sure they will all cherish and will never forget till the last day of their lives. You have been a marvelous administrator and a strong leader in support of this University which has grown phenomenally under your leadership. But, I think, I would be remiss if I did not say you have become more than that; you have also come into our hearts and minds as a dear friend--a man who is worthy of the greatest respect and of the greatest love.

I am sure that at some future time, after the shock of this letter has passed, the Board will take appropriate action. There is an air of finality about your letter as you read it. I am sure that this is a matter that you have to decide for yourself, and apparently

March 5, 1971 meeting, Board of Trustees

XII. PRESIDENT FAWCETT'S LETTER ANNOUNCING HIS RETIREMENT (continued)

Mr. Ketterer's Response (continued)

you have reached a decision. We, of the Board, must muster the courage, the will and the steadfastness to approach the problem that you have created for us. Since I am the first member of the Board to retire (in May of this year), I had no thought that before I retired from the Board, I would have any such agonizing experience in dealing with what you have just said. I can only say sorrowfully that we shall in due course undertake to address ourselves to this problem, and I know of the insurmountable character of it.

The path that you have lead this University onto will afford for any successor a program that must, I am sure, cause temerity because frankly I know of no one who has made such a contribution to the University as you have in the almost 15 years of your service.

We are most sorry to hear what you have said, but we shall undertake as well as we can to cope with this problem.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, April 2, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John G. Ketterer  
Chairman

Page 362 Blank

APPENDIX VI

Revisions of Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and  
Deletion of Rule 27.11 of Rules for the University Faculty

Approved by Faculty Council  
February 9, 1971

Adopted by Board of Trustees March 5, 1971  
(See Page 330)

Page 364 Blank

Revisions in Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and  
Deletion of Rule 27.11 of Rules for the University Faculty

The Faculty Council on February 9, 1971, approved revisions in Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and deletion of Rule 27.11 of Rules for the University Faculty. The text of the Rules as revised is as follows:

13.0105. Organization of the Colleges of the Arts and Sciences.

Section 1. The Colleges of the Arts and Sciences shall consist of (a) the five Colleges so designated by Rule 13.0101; (b) the Faculty of the Arts and Sciences as created by Rule 26.00; and (c) a Coordinating Council of Deans comprised of the Deans of the five Colleges and the Vice Provost for Arts and Sciences as created by Rule 13.0302.

Section 2. The five Colleges in the Arts and Sciences shall be administered separately by their respective Deans, and their individual Faculties shall have jurisdiction over College academic programs and the nature and content of courses offered. However, matters of common concern to the several Colleges shall be coordinated through the Coordinating Council of Deans. One of the Deans of the five Colleges shall be appointed by the President to serve a one-year term as Chairman of the Council and shall be eligible for re-appointment.

Section 3. Student personnel services and student records for the Colleges of the Arts and Sciences shall be administered by the Colleges of the Arts and Sciences. (See Rule 13.0302.) (B/T 10/11/67)

- o -

13.0302. Vice Provost for Arts and Sciences.

Section 1. There shall be a Vice Provost for Arts and Sciences who shall be a member of the Faculty of the Arts and Sciences charged with implementing policies of the Faculty as set forth in Sections 4 and 5 of this Rule. He shall be appointed by the Board of Trustees upon nomination by the President. Before making his nomination, the President shall confer with members of the Faculty of the Arts and Sciences.

Section 2. The Vice Provost for Arts and Sciences shall be an ex officio voting member of the Coordinating Council of Deans of the Colleges of the Arts and Sciences (see Rule 13.0105).

Section 3. The Vice Provost for Arts and Sciences shall implement policies of the Faculty of the Arts and Sciences with respect to the following:

- a. Curricula and requirements for "untagged" baccalaureate programs and development of new and useful programs in this area.
- b. Basic education requirements for all undergraduate students.
- c. The retention and further development of curricula assigned specifically for the general education of undergraduate students.
- d. A general honors program for the Arts and Sciences.

Revisions in Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and  
Deletion of Rule 27.11 of Rules for the University Faculty (continued)

13.0302. Vice Provost for Arts and Sciences. (continued)

- e. Counseling and record services and attendant procedures.
- f. Coordination of student intercollege transfers involving the Arts and Sciences.

Section 4. The Vice Provost for Arts and Sciences shall be responsible for the fulfillment and certification of the untagged degree requirements in the Arts and Sciences.

Section 5. The Vice Provost for the Arts and Sciences shall in cooperation with the Dean of University College be responsible for the coordination of University College counseling and curricular development with that of the Arts and Sciences. Specifically, he shall keep University College informed of all changes in curricular requirements and other matters pertaining to academic counseling, and in this manner assist in achieving consistency of counseling in the University College with that in the Arts and Sciences.

Section 6. The Vice Provost for Arts and Sciences shall be consulted by the deans of the individual colleges on personnel matters relating to faculty primarily engaged in undergraduate instruction.

Section 7. With the approval of the Faculty of the Arts and Sciences, or its designated representative body, the Vice Provost may appoint committees from the Faculty of the Arts and Sciences to work with him in the implementation of those policy areas as outlined in Section 4 of this Rule. Should there be established a curriculum committee of the Faculty of the Arts and Sciences, the Vice Provost shall serve as its chairman ex officio.

Section 8. The Vice Provost for Arts and Sciences shall also be responsible for such other matters pertinent to the Arts and Sciences which may be designated by the Provost and Vice President for Academic Affairs. (B/T 10/11/67)

- o -

26.01. Membership.

The Faculty of the Arts and Sciences shall consist of all faculty members of the five Colleges in the Arts and Sciences (see Rule 13.0105). (B/T 10/11/67)

- o -

27.09. Committees.

Section 1. There shall be an Executive Committee, a Curriculum Committee, and a Policy and Standards Committee, each constituted as follows:

- a. Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School shall be chairman of each Committee.

Revisions in Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and  
Deletion of Rule 27.11 of Rules for the University Faculty (continued)

27.09. Committees. (continued)

- b. Regular Members. The Graduate Council shall select the members of each Committee from its membership. The manner of selection and the tenure shall be determined by the members of the Graduate Council, except that each of the areas outlined in Rule 27.0701 must be represented by a faculty member on each Committee.

Section 2. The Curriculum Committee shall perform the functions specified in Rule 31.0201.

Section 3. The Executive Committee and the Policy and Standards Committee shall perform the functions assigned to them by the Graduate Council.

- o -

27.11. Executive Committee.

Delete this rule (provisions of 27.11 are incorporated in Rule 27.09).

- o -

37.1301. Credit for Rescheduled Courses.

Credit for all rescheduled courses resulting from action under Rule 37.13 shall count toward the fulfillment of graduation requirements unless: (a) the student has previously earned university or college credit in a course having substantially the same subject matter content; or (b) the substituted course is one which the Department or School, with the approval of the Council on Academic Affairs, has established for students with inadequate preparation for college-level courses of that Department or School.

- o -

Page 368 Blank

APPENDIX VII

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 19, 1971

Page 370 Blank

## The Recipients of Honors

### PAUL G. BENEDUM

#### Doctor of Laws

*An imaginative business leader whose service to education, civic affairs, and his profession is of rare distinction.*

Innovation, productivity, and administrative ability have given Paul G. Benedum a pre-eminent position in business and industry, and with great dedication he has been an enlightened leader in community affairs.

Mr. Benedum received the Bachelor of Arts degree in Mechanical Engineering and Geology from The Ohio State University in 1927 and served as a geologist and district manager with the Benedum-Trees Oil Company. In 1934 he assumed the presidency of the Melba Mining Corporation and in 1936, he founded the Bentex Oil Corporation, serving as that company's president and director. Following service in World War II, Mr. Benedum became president of the Hiawatha Oil and Gas Company and the Penn-Ohio Gas Company and from 1961 to 1963, he served as president of the Plymouth Oil Company.

Mr. Benedum has also served as president and director of the Claude Worthington Benedum Foundation since 1959, as president of the Benedum-Trees Oil Company since 1963 and as secretary and treasurer of Benlico, Incorporated since 1964, and serves as director of the Pittsburgh National Bank, the Hiawatha Oil and Gas Company, and the Penn-Ohio Gas Company.

Dedicated to the support of education and community affairs, Mr. Benedum serves on the Board of Trustees of several schools and colleges. Recently, through Mr. Benedum's efforts, the Claude Worthington Benedum Foundation made a substantial commitment to The Ohio State University in the form of a challenge grant for the much needed University Activities Center. Mr. Benedum has served on the boards of numerous civic and cultural organizations and is associated with the National Football Hall of Fame, the McArthur Bowl, and the Fellowship of Christian Athletes.

In recognition of his impressive accomplishments, Mr. Benedum has been awarded the honorary degrees Doctor of Laws from Capital University, Waynesburg College, and Davis and Elkins College, the Doctor of Humanities from Salem College, and the Doctor of Science from West Virginia Wesleyan College.

It is an honor for The Ohio State University to recognize this distinguished alumnus for his brilliant record of achievement.

### MAX M. FISHER

#### Doctor of Laws

*Dynamic business executive and philanthropist dedicated to improved communication and interpersonal relations among men.*

With great determination and insight, Max M. Fisher has become one of the nation's most respected and successful leaders in business and industry. With equally characteristic dedication, he has become nationally known for his efforts to meet the urgent needs of his fellow man.

Presently Chairman of the Board of the Fisher-New Center Company, Mr. Fisher received the Bachelor of Science degree from The Ohio State University in 1930. Mr. Fisher then cultivated an interest in the expanding oil industry and founded the Aurora Oil Company which later merged with the Marathon Oil Company. In addition to his many interests in the oil industry, Mr. Fisher has served as a board member or director of many major corporations, including the Michigan Consolidated Gas Company, the Michigan Bell Telephone Company, and the Fruehauf Corporation.

In 1969, President Nixon appointed Mr. Fisher as a special presidential consultant, and soon thereafter Mr. Fisher helped establish the National Center for Voluntary Action. He has also served as an advisor to the State of Israel since its birth in 1948. Recognized for his dedication to humanitarian concerns, Mr. Fisher has directed one of the country's largest urban coalition groups, New Detroit, Incorporated, as well as the United Jewish Appeal and the United Foundation of Detroit.

Mr. Fisher was previously honored by The Ohio State University as the recipient of the College of Administrative Science's Distinguished Service Award, The Ohio State University Association's Alumni Citizenship Award and, more recently, he was recognized as a recipient of the University's Centennial Achievement Award. A member of The Ohio State University Development Fund Board of Directors, Mr. Fisher has been the recipient of the honorary degree Doctor of Humane Letters from the University of Israel and the degree Doctor of Business Administration from Albion College.

The Ohio State University is honored to recognize Max M. Fisher for exemplary service to his profession, his alma mater, his country, and his fellow man.

## JOHN W. GALBREATH

### Doctor of Laws

*Distinguished financier, civic leader, and sportsman, whose innovative management methods have won national acclaim.*

The name of John W. Galbreath ranks high among the most influential real estate and financial leaders of the country, and his many interests and activities have brought him frequent acclaim by the nation's community and sports leaders.

Mr. Galbreath received the Bachelor of Arts degree from Ohio University in 1920 and, shortly thereafter, organized the real estate firm of John W. Galbreath and Company. Under his leadership the Columbus-based firm has vastly expanded to include significant operations in four states and Canada. Mr. Galbreath's contribution to the advancement of the real estate profession has been outstanding. He has served as president of the Columbus Real Estate Board, the Ohio Real Estate Association and the National Association of Real Estate Boards. In 1969, Mr. Galbreath formed the Galbreath First Mortgage Investments Company, a real estate investment trust of substantial amount.

Recognized for his creative leadership, Mr. Galbreath has assumed the directorships of many important corporations including the Buckeye Federal Building and Loan Association, the Ohio Bell Telephone Company, Nationwide Insurance Companies, and the City National Bank and Trust Company. Mr. Galbreath's interest in athletics is evidenced by his ownership of the Pittsburgh Pirates Baseball Club and the Darby Dan Farms of Columbus and Lexington, Kentucky, the homes of several Kentucky Derby champions.

Dedicated to the support of higher education, Mr. Galbreath has served as a member of the Ohio University Board of Trustees and has endowed a professorship of Equine Research and helped establish a separate program of Equine Studies in The Ohio State University's College of Veterinary Medicine.

Mr. Galbreath has been recognized by Ohio University with the conferral of an honorary Doctor of Laws degree. He was also the recipient of an honorary Doctor of Laws degree from Athens College, Alabama, and a Doctor of Business Administration degree from Ohio Northern University.

The Ohio State University takes pride in honoring this prominent business leader and creative administrator for his many outstanding achievements.

## SAMUEL M. MELTON

### Doctor of Laws

*Noted industrialist, business official, and philanthropist whose many advancements and inventions have brought him national recognition.*

With unceasing vitality for life, Samuel M. Melton has generated a momentum of success in his business concerns and in the humanitarian and philanthropic programs he supports.

After receiving the Bachelor of Science degree from The Ohio State University in 1923, Mr. Melton established the Capitol Manufacturing Company. This company grew at a rapid pace and in 1929, Mr. Melton established a second firm, the Capitol Pipe and Nipple Manufacturing Company in Detroit. Through Mr. Melton's leadership, the Capitol Manufacturing Company was responsible for innovations that significantly advanced the defense technology of the United States during World War II.

Following the war, Mr. Melton became involved in an attempt to improve the plight of Jews who had been held captive in enemy concentration camps. In addition to his efforts to bring about improved immigration procedures, Mr. Melton established a manufacturing plant in Palestine to provide jobs and opportunities for the economic advancement of oppressed Jews. The Capitol Manufacturing Company of Israel operated under Mr. Melton's guidance until 1955 at which time Mr. Melton presented the company to various Israeli organizations as a gift. Today, Mr. Melton serves as president of the Capitol Pipe and Nipple Manufacturing Company, vice president and member of the Board of the Harsco Corporation, and chairman of the Chicago Nipple Manufacturing Company and the Eagle Crusher Company.

Education and community affairs are of great concern to Mr. Melton. He has served as President of the Melton Research Center at the Jewish Theological Seminary in New York, and in 1967 he established the Samuel and Esther Melton Chair of Jewish Studies at The Ohio State University. Founder of the Harry Truman Peace Center at Hebrew University, Mr. Melton has served on the boards of many Columbus area organizations and has also acted as chairman and treasurer of the United Jewish Fund.

It is an honor for The Ohio State University to recognize this exemplary alumnus and citizen for his many outstanding contributions.

## EVERETT D. REESE

### Doctor of Laws

*Eminent financier and business leader whose professional achievements affect the modern financial world.*

The leadership of Everett D. Reese in business and financial circles has earned him the respect of his colleagues as well as the admiration of the many students and educators with whom he has shared his extensive knowledge and experience.

An alumnus of The Ohio State University's first banking class, Mr. Reese received the Bachelor of Science degree in Commerce in 1919. After serving as an instructor at several universities, he began working part time at the Park National Bank of Newark, Ohio. The financial acumen of Everett Reese was recognized when he was designated president of the Park National Bank in 1926 and later moved to Chairman of the Board of that institution.

Throughout his successful career, Mr. Reese has held directorships on governing boards of many prominent financial institutions including the Federal Reserve Bank of Cleveland, the Midland Mutual Life Insurance Company, and the City National Bank and Trust Company. He has also served as president of The Ohio Bankers Association and the American Bankers Association and as Chairman of the Board of the City National Bank and Trust Company and the First Banc Group of Ohio Incorporated, where he is presently employed.

In addition to his business activities, Mr. Reese has served as a guest lecturer and faculty member at many leading universities, and has also served on the governing boards of several schools and universities. In 1965, he established the Everett D. Reese Professorship of Banking and Economics at Ohio State which, through an additional endowment given in expression of his continued interest in the University, became the Everett D. Reese Chair of Banking and Monetary Economics.

Mr. Reese has contributed dynamic leadership to the University as Chairman of the Board of The Ohio State University Development Fund and as Chairman of the Executive Committee of the President's Club. He was recognized for his dedication when named as a recipient of the University's Distinguished Service Award and the Alumni Centennial Award.

The Ohio State University is proud to honor this loyal alumnus and former faculty member who exemplifies the ultimate in professional excellence.

## BARBARA WALTERS

### Doctor of Humane Letters

*Exemplary reporter, writer and television personality whose perceptive interviews enlighten millions of Americans.*

The art of conducting interviews has been attempted by many and mastered by few. The career of Barbara Walters is an exceptional testimony to professional excellence in this medium. She tactfully probes the thoughts and feelings of great people, evoking the warm and candid interaction that has become the hallmark of a Barbara Walters interview. Her accomplishment has been witnessed time and again as internationally prominent personalities are brought to the living rooms and into the lives of the American public.

Miss Walters' association with the news media began in 1953 following her graduation from Sarah Lawrence College where she received the Bachelor of Arts degree. Her diligence as a writer and reporter for various news programs brought her talents to the forefront. After working in the publicity department of the National Broadcasting Company, she became a writer for New York television station WPIX, and later for the Columbia Broadcasting Company and such personalities as Dick VanDyke and Walter Cronkite. In 1961 she joined the National Broadcasting Company's "Today" program as a researcher and writer and was introduced to the viewing public on the "Today" show in 1963.

In addition to her television appearances, Miss Walters served as a featured commentator for the network radio programs "Emphasis" and "Monitor," and her lecture tours take her to audiences around the world. She recently wrote the book *How to Talk with Practically Anybody About Practically Anything*, now in its seventh printing.

The diversity of her talents and interests has brought her recognition as one of the nation's seventy-five most outstanding women by the "Ladies Home Journal," and she was selected by "Harper's" magazine as one of two outstanding women in television. In addition to her work as an author, lecturer, and reporter, she is deeply involved in charitable work and has supported programs to aid mentally retarded children.

The Ohio State University recognizes Barbara Walters for her continued dedication and commitment to interpreting the tenor of the times.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and thirteen candidates

William Philip Anthony Sylvania  
B.B.A. (Ohio University); M.B.A.

*Dissertation:* A Study of the Effectiveness of Public  
Postsecondary Vocational-Technical Education in  
Preparing Graduates for the Labor Force  
*Field of Specialization:* Business Administration

Suree Assawamatayanont Bangkok, Thailand  
B.A. (Sacramento State College); M.A.  
*Dissertation:* The Relationship between Psychological  
Differentiation and Egocentrism  
*Field of Specialization:* Psychology

Jack Harold Barger Delaware  
B.S. Educ. (Concord College); M.S.  
*Dissertation:* The Role and Laboratory Evaluation of  
Methoxychlor for Dutch Elm Disease Vector Control  
*Field of Specialization:* Entomology

Stephen Edward Barndt Worthington  
B.S. in Agr. (Washington State University); M.B.A.  
*Dissertation:* The Effect of Decision Maker's Education  
and Experience on Goal and Constraint Choice in Trade  
Off Decision Situations  
*Field of Specialization:* Business Administration

Roderick Wayne Barron San Diego, Calif.  
B.A. (Occidental College); M.A.  
*Dissertation:* Transfer of Information Processing  
Strategies in a Choice Reaction Time Task  
*Field of Specialization:* Psychology

James William Battoclette Kent  
B.A. (College of Steubenville); M.E. (Kent State  
University)  
*Dissertation:* The Effect of Alternative Type Questions  
as Compared with Non-Alternative Type Questions on the  
Problem-Solving Success of Sixth Graders of Portage  
County, Ohio  
*Field of Specialization:* Education

Phillip Norton Bebb Detroit, Mich.  
A.B., M.A. (Wayne State University)  
*Dissertation:* Christoph Scheurl's Role as Legal Adviser  
to the Nürnberg City Council, 1512 to 1525  
*Field of Specialization:* History

Lee Uhrig Bender Tully, N. Y.  
B.S., M.S. (College of Forestry at Syracuse University)  
*Dissertation:* Analytical Photogrammetry: A Collinear  
Theory  
*Field of Specialization:* Geodetic Science

Georges Blaha Montreal, Que., Canada  
B.Sc. (Laval University)  
*Dissertation:* Investigations of Critical Configurations  
for Fundamental Range Networks  
*Field of Specialization:* Geodetic Science

Gerald Lee Brubaker Orrville  
B.S., M.S.  
*Dissertation:* Lewis Acid-Base Reactions of Hexaborane  
(10)  
*Field of Specialization:* Chemistry

Howard Vincent Burman San Jose, Calif.  
B.A.  
*Dissertation:* A History and Evaluation of the New  
Dramatists Committee  
*Field of Specialization:* Theatre

Ruy de Araujo Caldas Paracatu, Minas Gerais, Brazil  
Engr. Agr. (University Rural do Estado de Minas  
Gerais); M.S. (Escola Superior de Agricultura "Luiz de  
Queiroz")  
*Dissertation:* Purification and Characterization of  
Glutamine Synthetase from Suspension Culture of Wild  
Carrot (*Daucus carota* L.)  
*Field of Specialization:* Biochemistry

Donald Arthur Campbell Worthington  
B.S. in Edu. (Kent State University); M.P.H. (University  
of Michigan)  
*Dissertation:* A Study of the Preventive Health Behavior  
of a Group of Men with Increased Risk for the  
Development of Coronary Heart Disease  
*Field of Specialization:* Physical Education (Health  
Education)

Bijoy Kumar Chakraborty Calcutta, West Bengal,  
India  
B.Sc. (Calcutta University); I.D.D. (National Dairy  
Research Institute); M.S.  
*Dissertation:* Electron Microscopy of Protein  
Hydrocolloid Interaction Systems  
*Field of Specialization:* Dairy Technology

Leon I. Cherney Rochester, N. Y.  
A.B. (Brown University); M.S.  
*Dissertation:* Rearrangements of Cyclopropyl and Related  
Carbenes  
*Field of Specialization:* Chemistry

Kenner Allen Christensen Duluth, Minn.  
B.A. (University of Minnesota); M.S.  
*Dissertation:* NMR Studies of Exchange and Inversion  
Reactions in Tris-(D-2-Methylbutyl) thallium and  
D-2-Methylbutyllithium  
*Field of Specialization:* Chemistry

Robert King Clark Bowling Green  
B.A. (University of Wyoming); M.A. (University of  
Tennessee)  
*Dissertation:* MISTEROGERS' NEIGHBORHOOD: An  
Historical and Descriptive Analysis  
*Field of Specialization:* Speech

Brian Lee Cooper Urbana  
B.S. in Edu. (Bowling Green State University);  
M.A. (Michigan State University)  
*Dissertation:* The Objectives of Teaching Survey History  
Courses in American High Schools and Colleges: A  
Content Analysis of Articles from Selected Periodicals,  
1939-1969  
*Field of Specialization:* Education

Charles Samuel Craig Nutley, N. J.  
B.A. (Westminster College, Pennsylvania);  
M.S. (University of Rhode Island)  
*Dissertation:* Consumer Reactions to Price Changes: An  
Experimental Investigation  
*Field of Specialization:* Business Administration

- William Earl Craig      Bellaire  
B.S. in Edu., M.A.  
*Dissertation:* Investigation of Syntactic-Semantic Relationships in the Selected Writing of Students in Grades 4-12  
*Field of Specialization:* Education
- Dinoo Nari Dastur      Karachi, Pakistan  
B.Home Ec. (College of Home Economics, University of Karachi); B.Teaching (Government Teachers Training College, University of Karachi); M.S. (Oklahoma State University)  
*Dissertation:* Development and Evaluation of a Televised Series "Nutrition and Man" for Use in Developing Countries  
*Field of Specialization:* Home Economics
- Biswa Tosh Datta      Howrah, West Bengal, India  
B.Sc., M.Sc. (Calcutta University); M.S.  
*Dissertation:* On the Non-Existence of Tangential 2-Blocks  
*Field of Specialization:* Mathematics
- John David Diller      Harrisonburg, Va.  
B.F.A. (University of Texas); M.F.A. (Cranbrook Academy of Art)  
*Dissertation:* On the Limits of Pottery  
*Field of Specialization:* Art
- David Aaron Dingee      Columbus  
B.S., M.S. (Michigan State University)  
*Dissertation:* Formation and Collision of Laser-Produced Carbon Plasmas  
*Field of Specialization:* Physics
- Normand Camille Dubé      Fort Kent, Me.  
A.B. (Saint Michael's College, Vermont); M.A. (State University of New York)  
*Dissertation:* Guidelines for the Teaching of French to Franco-Americans  
*Field of Specialization:* Education
- Philippe Lionel Durette      Manchester, N. H.  
B.S. (Marquette University)  
*Dissertation:* Conformational Studies on Pyranoid Sugar Derivatives by High Resolution Nuclear Magnetic Resonance Spectroscopy  
*Field of Specialization:* Chemistry
- Thomas Robert Durkin      Dayton  
B.S. (University of Dayton)  
*Dissertation:* The Lewis Base Properties of Platinum (0) Phosphine Complexes  
*Field of Specialization:* Chemistry
- Richard Charles Effland      Coralville, Ia.  
B.S. in Phar. (State University of Iowa)  
*Dissertation:* Synthetic and Pharmacological Studies of Agents Affecting Peripheral Adrenergic Activities  
*Field of Specialization:* Pharmacy
- Marvin Barry Eisen      Los Angeles, Calif.  
A.B. (University of California, Berkeley); M.A. (University of California, Los Angeles)  
*Dissertation:* Resistance to Temptation in Preadolescents as a Function of Self-Esteem, Perceived Situational Consistency and Performance Expectancy  
*Field of Specialization:* Psychology
- Ahmad Mohammed El-Zoobi      Damascus, Syria  
B.Agr. (Ain Shams University); M.Agr. Extension (University of Georgia)  
*Dissertation:* Agricultural Extension and Rural Development in Syria 1955-1968  
*Field of Specialization:* Agricultural Education
- Jean Franklin Emmons      Columbus  
M.B.A. (University of Chicago)  
*Dissertation:* Use of the Delphi Technique in Establishing Criteria for the Selection of a Secondary School Principal  
*Field of Specialization:* Education
- Vincent Joseph Feck      Northfield  
B.S. in Agr., M.S.  
*Dissertation:* Characteristics and Professional Competency Needs of Teachers of Agriculture in Two-Year Technical Institutes or Colleges in the United States  
*Field of Specialization:* Agricultural Education
- Jack Donald Foster      Canfield  
B.A., M.A. (Kent State University)  
*Dissertation:* The Labeling Hypothesis and Perceptions of Social Liability Following Delinquent Behavior  
*Field of Specialization:* Sociology
- James Lawrence Fous      Columbus  
B.Agr.E., M.S.  
*Dissertation:* Dynamic Response of Automatically Controlled Mole-Drain Plow  
*Field of Specialization:* Agricultural Engineering
- George John Frangos      Uniontown, Pa.  
B.S. in Ed. (California State College, Pennsylvania); A.M. (West Virginia University)  
*Dissertation:* A Study of Three Outcomes of a College Level Course in Physical Science for Nonscience Students (Adapted PSNS)  
*Field of Specialization:* Education
- John Freeland      Columbus  
B.E.E., M.S.  
*Dissertation:* Yagi-Uda Arrays of V Dipoles  
*Field of Specialization:* Electrical Engineering
- Albert Georges Ganansia      Kalamazoo, Mich.  
B.A. (Western Michigan University); M.A.  
*Dissertation:* Morfologia, Aspectos dialectales y Vocabulario de la *Fazienda de Ultra Mar*  
*Field of Specialization:* Romance Languages
- David Theodore George      Strongsville  
B.S. in Agr., M.S.  
*Dissertation:* Some of the Effects of Neonatal Testosterone Propionate Treatment upon the Pituitary and Serum Levels of FSH and LH in the Albino Rat, as Determined by the Radioimmunoassay Technique  
*Field of Specialization:* Animal Science
- Bonnie Cherp Gilliom      Columbus  
A.B. (Heidelberg College); M.A.  
*Dissertation:* Basic Movement Education: Rationale, Prototypical Units, and Feasibility  
*Field of Specialization:* Education

- Stephen Arthur Graf Arlington, Va.  
A.B. (Miami University); M.A.  
*Dissertation*: Stimulus Learning, Response Learning, and Associative Learning in Paired-Associate Anticipation  
*Field of Specialization*: Psychology
- John William Grice Oberlin  
A.B. (Guilford College); M.A. (University of North Carolina)  
*Dissertation*: The History of the Ohio Association for Health, Physical Education and Recreation  
*Field of Specialization*: Physical Education
- Hong-Ming Guo Hsinchu, Taiwan  
B.Sc. (Taiwan Normal University); M.Sc. (National Tsing Hua University); M.A. (Miami University)  
*Dissertation*: The Surface Tension of <sup>3</sup>He-<sup>4</sup>He Mixtures  
*Field of Specialization*: Physics
- Ram Krishan Paul Gupta Hissar, India  
B.Sc., B.V.Sc. (Panjab University); M.Sc. (Agra University)  
*Dissertation*: Serologic Response of Swine Following Infection or Vaccination with Transmissible Gastroenteritis Virus  
*Field of Specialization*: Veterinary Preventive Medicine
- Ralph Leonard Hall Columbus  
B.S. in Edu., M.A.  
*Dissertation*: The Use of the Rokeach Dogmatism Scale in the Prediction of Students' Reactions to Proposed Innovative Practices  
*Field of Specialization*: Education
- Henry Conrad Helmke Columbus  
B.A., A.M. (Duke University)  
*Dissertation*: The Image of the School in Contemporary German Literature  
*Field of Specialization*: German
- Richard Paul Heydorn Gahanna  
B.E.E., M.A. (University of Akron)  
*Dissertation*: Nonparametric Classification  
*Field of Specialization*: Statistics
- Neil William Hogan North Olmsted  
B.S. in S.S., M.A. (John Carroll University)  
*Dissertation*: The Conservatives in British Government and the Search for a Social Policy 1918-1923  
*Field of Specialization*: History
- Terrence Charles Holton Hodgkins, Ill.  
B.S. (University of Illinois); M.S.  
*Dissertation*: The Synthesis of Diazo Compounds by Low-Temperature Oxidation of Hydrazones with Lead Tetraacetate  
*Field of Specialization*: Chemistry
- Dun-Mow Hong Kaosiung, Taiwan  
B.A. (National Taiwan University); M.Econ. (University of Tokyo)  
*Dissertation*: The Effect of Autocorrelated Errors on Several Least Squares Estimators  
*Field of Specialization*: Economics
- Patricia Ball Hubbard Columbus  
B.S., M.A.  
*Dissertation*: The Effect of Auditory Delay, Age, and Sex on the Total Length of Infants' Vocalizations  
*Field of Specialization*: Speech
- Jeffrey James Jackson Lansing, Mich.  
B.A. (Olivet College); M.S. (Michigan State University)  
*Dissertation*: Nesting Ecology of the Female Redwinged Blackbird (*Agelaius phoeniceus phoeniceus*)  
*Field of Specialization*: Zoology
- Richard Elwyn Johnston Columbus  
B.Ed., M.S.Ed. (Chicago State College)  
*Dissertation*: The History of Trade and Industrial Education in Ohio  
*Field of Specialization*: Education
- John Warren Kaufman Warrensburg, Mo.  
B.A. (Franklin and Marshall College); M.S. (Rensselaer Polytechnic Institute)  
*Dissertation*: Phase Equilibrium Relations on the Join Forsterite-Akermanite-Gehlenite-Spinel at One Atmosphere Pressure  
*Field of Specialization*: Mineralogy
- Joshua Wilson Kearney, Jr. Cincinnati  
B.S. (North Carolina Agricultural and Technical State University); M.S. (Michigan State University)  
*Dissertation*: The Relationship of Potato Varieties and Storage Conditions on the Quality of Potato Chips  
*Field of Specialization*: Horticulture
- Richard Calhoun Kelsey Cleveland  
B.S., M.S. (Kent State University)  
*Dissertation*: Selected Perceptions of What Is Needed in a Counselor Education Program to Prepare Counselors to Work Effectively in Black Communities  
*Field of Specialization*: Education
- John Peter Kincaid Columbus  
A.B. (Oberlin College); M.A. (Roosevelt University)  
*Dissertation*: Information Processing in Active and Long Term Memory  
*Field of Specialization*: Psychology
- James Thomas Kneafsey Baltimore, Md.  
B.S. (Loyola College, Maryland); M.A. (University of Florida)  
*Dissertation*: An Economic Evaluation of Mergers in the Railroad Industry—The C. & O./B. & O. Consolidation: A Case Study  
*Field of Specialization*: Economics
- Norman Edward Lane Lakeland, Fla.  
B.A., M. A. (University of Florida)  
*Dissertation*: The Influence of Selected Factors on Shrinkage and Overfit in Multiple Correlation  
*Field of Specialization*: Psychology
- Sarunas Stasys Lazdinis Cleveland  
B.S. Engr. (Case Western Reserve University); M.S.  
*Dissertation*: The Coupling of Free Electron and Vibrational Temperatures in a Nozzle Expansion of Shock Heated Nitrogen  
*Field of Specialization*: Aeronautical and Astronautical Engineering

Yan-cheng Lin Fengyuan, Taiwan  
B.S. (National Taiwan University); M.S. (Mississippi State University)  
*Dissertation*: Carbohydrate Fermentation in Cheddar Curd Ripening  
*Field of Specialization*: Dairy Technology

Arthur Edward Luetzow Cedarburg, Wis.  
B.S. (Saint Norbert College); M.S. (Marquette University)  
*Dissertation*: Synthesis of *p*-Nitrophenyl Glycosides of Hexoses and Glucuronic Acid Derivatives, and Studies on Their Mechanism of Hydrolysis  
*Field of Specialization*: Chemistry

Jacob Edward Mackey, Jr. Lakewood  
B.S. (Case Western Reserve University); M.S.  
*Dissertation*: The Radiative Picture for the Nucleon Anomalous Magnetic Moments in the Sidewise Dispersive Framework  
*Field of Specialization*: Physics

Lawrence S. Mayer Columbus  
B.S., M.S.  
*Dissertation*: Utilizing Initial Estimates in Estimating the Coefficients in a General Linear Model  
*Field of Specialization*: Statistics

Donald LeMoynes McConkey Columbus  
B.S. in Ed. (Illinois State University); M.A.  
*Dissertation*: The Virginia State Constitutional Convention of 1829-30: A Study in Argumentation  
*Field of Specialization*: Speech

Richard Daniel McCright Cincinnati  
B.S. Met. Eng. (University of Cincinnati)  
*Dissertation*: Electro-Permeation of Hydrogen in Ferritic Structures  
*Field of Specialization*: Metallurgical Engineering

Chester Herman McPhee Newington, Conn.  
A.B. (Oberlin College); M.A.  
*Dissertation*: Socialization Patterns of Physical Educators  
*Field of Specialization*: Physical Education

Philip Hayden Merrell Akron  
B.S. (Harding College)  
*Dissertation*: Synthesis and Characterization of Some Tetradentate Macrocyclic Complexes of Iron  
*Field of Specialization*: Chemistry

Edward Lawrence Miller Ironton  
B.S. (University of Detroit)  
*Dissertation*: Measurement of *n-p* Charge Exchange Differential Cross-Section from 2 - 12 GEV/C  
*Field of Specialization*: Physics

Sandra Waggett Miller Hebron  
B.S. in H.E., M.S.  
*Dissertation*: Independent Study Units: Their Effectiveness in Preparing Cooperating Teachers for Supervisory Responsibility  
*Field of Specialization*: Home Economics

\*Carl Eugene Morris Oxford  
B.S., M.A.Ed. (Miami University)  
*Dissertation*: The Influence of Teacher Dogmatism on Student Alienation in the Middle Grades  
*Field of Specialization*: Education

Tomomi Murata Toyohashi, Japan  
B.E. (Nagoya Institute of Technology); M.S.  
*Dissertation*: Theory and Application of the Straining Electrode  
*Field of Specialization*: Metallurgical Engineering

Teddy Lee Napier Hilliard  
B.A., M.A. (Marshall University)  
*Dissertation*: The Impact of Water Resource Development upon Local Rural Communities: Adjustment Factors to Rapid Change  
*Field of Specialization*: Sociology

Gregory Ralph Nicolosi Columbus  
B.S. (Michigan State University)  
*Dissertation*: Studies of the Aortic Smooth Muscle Response and Its Reflex Nature in Intact Anesthetized Dogs  
*Field of Specialization*: Physiology

Joseph Paul Nyitray Houston, Tex.  
A.B. (Cornell University); M.A.  
*Dissertation*: The President's Economic Responsibilities: An Analysis of Four Cases  
*Field of Specialization*: Political Science

Frank Leo O'Dell Columbus  
B.A.Ed., M.A.Ed. (University of Akron)  
*Dissertation*: The Follow-up Study or Survey as an Evaluative Tool in Counselor Education  
*Field of Specialization*: Education

Gerald Loretto Ognibene North Collins, N. Y.  
B.A. (Niagara University); M.S. in Edu. (Canisius College)  
*Dissertation*: The School Counselor in a Comprehensive Drug Education Program: A Comparative Study of the Knowledge and Attitudes of Secondary School Students and of School Counselors toward Drugs  
*Field of Specialization*: Education

Paul James Ortwerth Dayton  
B.S. in Aero. Engr. (Saint Louis University)  
*Dissertation*: Mechanism of Mixing of Two Non-Reacting Gases  
*Field of Specialization*: Aeronautical and Astronautical Engineering

Ernest Eric Osborn Columbus  
B.A. (Miami University)  
*Dissertation*: Non-Stoichiometry of Massicot and Determination of a Nominal Pressure of Oxygen at the Oxygen-Rich Phase Stability Limit at 760-840° C  
*Field of Specialization*: Chemistry

Sung Chun Pak Berkeley, California  
B.S. (University of California, Berkeley); M.S.  
*Dissertation*: The Critical Properties of Hydrocarbon Mixtures: High Molecular Weights Binary Systems  
*Field of Specialization*: Chemical Engineering

\* Degree granted in cooperation with Miami University

Joseph Russell Palmer Pataskala  
B.S. in Soc. Adm.; M.S.W. (Michigan State University)  
*Dissertation*: The Utilization and Effectiveness of  
Treatment and Mediation Functions in Adult Parole  
*Field of Specialization*: Social Work

Jean Davis Phillips Kalamazoo, Mich.  
B.S. (Virginia State College, Norfolk); M.A. (New York  
University)  
*Dissertation*: The Evolution of Federal Vocational  
Education Legislation with Special Reference to Business  
Education (1862-1963)  
*Field of Specialization*: Education

Nelson Pole Cleveland  
Ph.B. (Wayne State University)  
*Dissertation*: The Meaning of Terms Employed in  
Scientific Languages and the Problem of Induction  
*Field of Specialization*: Philosophy

Anastasios Poutakoglou Ashland  
B.S. in Edu., M.A.  
*Dissertation*: A Comparative Study of the Verbal  
Communications of Psychotherapists and of Psychotherapy  
Clients during the Initial Period of Psychotherapy  
*Field of Specialization*: Psychology

Milton John Profant Massillon  
B.S.M.E. (Case Western Reserve University); M.S.  
(M.E.) (University of Illinois)  
*Dissertation*: An Experimental Investigation to Evaluate  
the Effectiveness of Surface Grooves as an Agent to  
Increase the Fretting-Fatigue Life at Titanium-Titanium  
Joints  
*Field of Specialization*: Mechanical Engineering

Lakhpat Rai Pujara Model Town, Delhi, India  
B.A., M.A. (University of Delhi); M.S.  
*Dissertation*:  $L_n$  Spaces and Decompositions in  
Banach Spaces  
*Field of Specialization*: Mathematics

Robert Floyd Rodgers Columbus  
B.S. in Ind. Engr. (Texas Technological College); M.A.  
*Dissertation*: The Relationship between Personality and  
Style of Interpersonal Relationships and Effectiveness  
and Satisfaction as a Residence Hall Counselor  
*Field of Specialization*: Education

George Nostrand Rowland Columbus  
B.A. (Miami University); D.V.M., M.S.  
*Dissertation*: Microradiographic Evaluation of Bone and  
Fine Structural Alterations of Thyroidal Parafollicular  
Cells in Response to Changes in Calcium Homeostasis  
*Field of Specialization*: Veterinary Pathology

William Louis Schirmer Athens, Tenn.  
B.Mus. Theory, B.Mus. Piano (Cleveland Institute of  
Music); M.M. (Eastman School of Music)  
*Dissertation*: Sinfonia Liturgica I  
*Field of Specialization*: Music

Robert Elstone Shanklin Delaware  
B.A. (Vanderbilt University); M.S. (University of  
Cincinnati)  
*Dissertation*: An Improved Approach to Crystal  
Symmetry and the Derivation and Description of the  
Thirty-Two Crystal Classes by Means of the Stereographic  
Projection and Group Theory  
*Field of Specialization*: Mineralogy

Dharam Paul Sharda Ludhiana, Punjab, India  
B.Sc. (University of the Panjab); B.V.Sc. and A.H.  
(Panjab University); M.S.  
*Dissertation*: Supplementing Practical Swine Diets with  
Amino Acids  
*Field of Specialization*: Animal Science

Vishweshwar Jageshwar Shrikhande  
Premchand Marg, DHAR (M.P.), India  
B.Sc., M.Sc. (Agra University)  
*Dissertation*: Relative Accuracy of Least Squares and  
Iterative Maximum Likelihood Methods for the Estimation  
of Fixed Effects and Variance Components  
*Field of Specialization*: Biostatistics

David Allen Spidal Annandale, Va.  
B.S. (Pacific University); M.S. (Oregon College of  
Education)  
*Dissertation*: A Measure of Differential Sensitivity for  
Frequency of Children with Impaired Hearing  
*Field of Specialization*: Speech

John David Stanley Columbus  
B.S. in Edu., M.A.  
*Dissertation*: A Comparison of the Conditioning Effects  
of Two Interval Training Frequencies on Selected High  
School Athletes  
*Field of Specialization*: Physical Education

John Robert Stock Columbus  
B.A. (Duquesne University); M.A.  
*Dissertation*: A Task Analysis Method for Social Welfare  
Jobs  
*Field of Specialization*: Psychology

Virginia Lee Studer St. Charles, Ill.  
B.S., M.S. (University of Illinois)  
*Dissertation*: An Exploration of the Function of Time  
as a Source of Variability in Human Movement  
*Field of Specialization*: Physical Education

Daniel Joseph Sweeney Columbus  
B.S. in Bus. Adm.; M.B.A. (Indiana University)  
*Dissertation*: The Application of Computer Simulation  
Techniques to Retail Merchandise Management:  
A Feasibility Study  
*Field of Specialization*: Business Administration

Thomas Richard Terrell Columbus  
B.S., M.S.  
*Dissertation*: Local Ergodic Theorems for N-Parameter  
Semigroups of Contraction Operators  
*Field of Specialization*: Mathematics

Barbara Swanson Thomson Columbus  
B.S. (Michigan State University); M.A.  
*Dissertation:* Utilization of Computer Simulated  
Experiments (CSE) for Diagnostic Purposes  
*Field of Specialization:* Education

Gloria Dean Toliver San Jose, Calif.  
B.A. (Southern University); M.A.  
*Dissertation:* The Measurement of Language Abilities of  
Black Children from Low Socio-Economic Environments  
*Field of Specialization:* Speech

Matias Felix Travieso-Diaz Miami, Fla.  
B.S.E.E., M.S. (University of Miami)  
*Dissertation:* Wire-Grid Reaction Solution of  
Electromagnetic Scattering and Radiation Problems  
*Field of Specialization:* Electrical Engineering

Kenton Eugene Travis Delta  
B.S., M.A. (Bowling Green State University)  
*Dissertation:* Metal Ion Complexes Derived from Cyclic  
Tetradentate and Octadentate Ligands Having Thioether  
Donors  
*Field of Specialization:* Chemistry

Robert Douglas Vance Raymond, Alberta, Canada  
B.S. (Brigham Young University); M.S.  
*Dissertation:* Utilization of Whole and Crimped Corn  
Grain with Varying Proportions of Corn Silage for  
Growing, Finishing Cattle  
*Field of Specialization:* Animal Science

George Charles Van Dyne Toledo  
B.A. (Denison University); M.A. (DePaul University)  
*Dissertation:* Response Independent Positive Conditioned  
Suppression  
*Field of Specialization:* Psychology

Helen Page Warriner Richmond, Va.  
B.A. in Sec.Ed. (Longwood College); M.A. (Universidad  
Nacional Autonoma de Mexico)  
*Dissertation:* A Critical Evaluation of the Foreign  
Language Methods Component of Teacher Education  
*Field of Specialization:* Education

Clarence Warren Weidner, Jr. Louisville, Ky.  
B.S.Met.Engr. (Case Western Reserve University); M.S.  
*Dissertation:* The Determination of Activities and  
Reaction Rates in Alloy Melts by Mass Spectrometric  
Methods: Fe-V, Cu-Al, Fe-Si, Cu-Si and Fe-S-O Systems  
*Field of Specialization:* Metallurgical Engineering

Sara Clyde West Miami, Fla.  
B.A. (University of Florida); M.Ed. (University of  
Miami)  
*Dissertation:* Antecedents of Academic Motivation: A  
Descriptive Study of University Professors  
*Field of Specialization:* Education

William John Whitmore Detroit, Mich.  
B.S. in Bus.Adm., M.B.A.  
*Dissertation:* Buyer Perceptions of Attributes of  
Successful Salesmen in the Grocery Industry  
*Field of Specialization:* Business Administration

Maurice Mason Whitten Gorham, Me.  
A.B. (Colby College); M.A. (Columbia University)  
*Dissertation:* Changes in Understanding of the Nature of  
Science and in Critical Thinking Resulting from Two  
Different Physical Science Courses  
*Field of Specialization:* Education

Hilda Lee Williams Rupert, Idaho  
B.S., M.A. (Sam Houston State Teachers College)  
*Dissertation:* An Exploration of the Function of Space as  
a Source of Variability in Human Movement  
*Field of Specialization:* Physical Education

David Chi-Fong Wu Cincinnati  
B.E.E., M.S.  
*Dissertation:* Electromagnetic Analysis of Three-  
Dimensional Antenna-Radomes Using the Plane Wave  
Spectrum-Surface Integration Technique  
*Field of Specialization:* Electrical Engineering

Hal Huntington Wyss Delaware  
B.A. (Wesleyan University, Connecticut); M.A.  
*Dissertation:* Involuntary Evil in the Fiction of Brown,  
Cooper, Poe, Hawthorne, and Melville  
*Field of Specialization:* English

Jerry Lee Yeric Columbus  
B.A. (Western Michigan University); M.A.  
*Dissertation:* Councilmanic Roles: The Case of  
Columbus, Ohio  
*Field of Specialization:* Political Science

Richard Ernest Young Columbus  
B.S. in Agr., M.S.  
*Dissertation:* The Effectiveness of a Correspondence  
Course for New 4-H Leaders  
*Field of Specialization:* Agricultural Education

## Master of Arts

One hundred and thirty-five candidates

Unhai Rhee Ahn, Kim Chun, Korea  
B.A., M.A. (Ewha Women's  
University, Korea)  
*Field of Specialization:* Education

Barbara Elaine Anderson,  
Rockford, Ill.  
B.A. (Rockford College)  
*Field of Specialization:* English

Kathryn Elisabeth Anderson, Alliance  
B.A. (Mount Union College)  
*Field of Specialization:* Political  
Science

Joseph Michael Antonelli, Warren  
B.S. in Edu.  
*Field of Specialization:* Music

Carol Ann Armbruster, Parma  
B.A. (Cleveland State University)  
*Field of Specialization:* Romance  
Languages

Robert Lee Arnett, Piqua  
B.A.  
*Field of Specialization:* Political  
Science

Shirley Adams Behnke, Galloway  
B.A.  
*Field of Specialization:* Education

Edwin Graham Below,  
Alexandria, Va.  
B.S. (Wake Forest University)  
*Field of Specialization:* Education

John Robert Berg, Newcomerstown  
B.A. (Wittenberg University)  
*Field of Specialization:* Journalism

Howard Steven Biel, Shaker Heights  
B.A. (Miami University)  
*Field of Specialization:* Geography

Gregory Alan Bosner, Erie, Pa.  
B.A. (Gannon College)  
*Field of Specialization:* History

Barbara Hantusch Bowers,  
Hanover, Ind.  
B.A. (State University of New York  
at Stony Brook)  
*Field of Specialization:* Journalism

Brent Thornton Bowers,  
Hanover, Ind.  
A.B. (Earlham College)  
*Field of Specialization:* Journalism

Mary Lynne Cox Bowman,  
Westerville  
B.S. in Edu.  
*Field of Specialization:* Education

Jo-Ann Alice Bruggemann,  
Glendale, N. Y.  
A.B. (Hunter College)  
*Field of Specialization:* Dance

William Andrew Buckingham, Jr.,  
Murfreesboro, Tenn.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Political  
Science

James A. Buckley, Cuyahoga Falls  
A.B. (Cornell University)  
*Field of Specialization:* Political  
Science

Richard George Cheney, Columbus  
B.A. (DePauw University);  
B. of Theol. (Boston University)  
*Field of Specialization:* Education

Cheng-Hsiung Chiu, Hualien, Taiwan  
University  
B.A. Econ. (National Taiwan  
University)  
*Field of Specialization:* Economics

Phillip Martin Choate, Columbus  
B.A. (North Texas State University)  
*Field of Specialization:* Political  
Science

Margaret Enke Conley, North Canton  
B.S. in Edu.  
*Field of Specialization:* Education

Susan Lee Cunningham, Toledo  
B.S. in Edu.  
*Field of Specialization:* Education

John Richard Davis, Stockton, Calif.  
B.A. (Sacramento State College)  
*Field of Specialization:* Journalism

Douglas Henry Dearth, Columbus  
B.A.  
*Field of Specialization:* Political  
Science

Arthur Henry Denner, Columbus  
B.S. (Oklahoma Agricultural and  
Mechanical College)  
*Field of Specialization:* Education

James Jefferson Doughty, Columbus  
B.S. (Capital University)  
*Field of Specialization:* Education

Phyllis Duchin, Lynbrook, N. Y.  
B.A. (State University of New York  
at Stony Brook)  
*Field of Specialization:* Romance  
Languages

Jack Christopher Eisele, Mansfield  
B.S. in Edu.  
*Field of Specialization:* Education

John Michael Evans, Trenton, N. J.  
B.S. (Saint Joseph's College)  
*Field of Specialization:* Journalism

James F. Faron, Chicago, Ill.  
B.A. in Edu. (DePaul University)  
*Field of Specialization:* Education

John William Ference, Reynoldsburg  
B.F.A.  
*Field of Specialization:* Education

Mary Ellen Ficocella, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization:* Education

James Edward Flechtner, Columbus  
B.S. (Michigan State University)  
*Field of Specialization:* English

Charles Bernard Florio, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Education

Michael Martin Fribley, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Education

Dorothy Horne Fry, Columbus  
A.B. (Marshall College)  
*Field of Specialization:* Education

Rex Maxwell Fuller, Grove City  
B.S. in Edu.  
*Field of Specialization:* Education

Michio Funaki  
Kumamoto City, Japan  
B.A. (Kumamoto University)  
*Field of Specialization:* Linguistics

James Francis Gallagher, Columbus  
A.B. (Columbia University)  
*Field of Specialization:* English

Rennie Gertz, Akron  
B.S. in Edu.  
*Field of Specialization:* Education

Paul Thomas Giblin, Baltimore, Md.  
B.A. (Johns Hopkins University)  
*Field of Specialization:* Psychology

Harley Leroy Gill, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Economics

Rosa Florence Goldshine,  
Yonkers, N. Y.  
B.Mus. (Boston University)  
*Field of Specialization:* Music

Fred Archibald Gray, Columbus  
B.A. (Cleveland State University)  
*Field of Specialization:* Journalism

Donald Gross, South Euclid  
B.S. in Ed. (Ohio University)  
*Field of Specialization:* Education

Pearl Gross, New York, N. Y.  
A.B. (Herbert F. Lehman College)  
*Field of Specialization:* English

Nathan Guttman, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

- Francis Arthur Guzewicz, Columbus  
B.S.Ed. (Millersburg State College,  
Pennsylvania); M.A.  
*Field of Specialization*: History  
of Art
- Linda Winkelhaus Hadley, Columbus  
A.B. (University of Michigan)  
*Field of Specialization*: Sociology
- Pauline Tsangaris Hamilton,  
Pittsburgh, Pa.  
B.A. (Mount Mercy College,  
Pennsylvania)  
*Field of Specialization*: Education
- Ernestine J. Hammond, Columbus  
B.S. in Ed. (Otterbein College)  
*Field of Specialization*: Education
- Robert Quentin Hanham,  
Gillingham, Kent, England  
B.A. (University of Reading,  
England)  
*Field of Specialization*: Geography
- Frederick Edward Hann, III, Canton  
B.A.  
*Field of Specialization*: English
- John Samuel Harbaugh, Powell  
B.E.E., B.S. in Edu.  
*Field of Specialization*: Education
- Susan Irene Hardin, Englewood, Colo.  
B.A. (University of New Mexico)  
*Field of Specialization*: Psychology
- Gina Stork Harrington,  
Washington, D. C.  
A.B. (Smith College)  
*Field of Specialization*: Art
- James Arnold Haueter, Columbus  
B.S. (Muskingum College)  
*Field of Specialization*: Education
- Marjorie Fulton Hayes, Defiance  
B.A. (Defiance College)  
*Field of Specialization*: History  
of Art
- Judith Zimmerman Heiber, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education
- Ougrita Ann Hill, Johnson City, Tenn.  
B.S. (East Tennessee State  
University)  
*Field of Specialization*: Journalism
- Lucinda Bosart Hutchison,  
Springfield  
B.S. (Miami University)  
*Field of Specialization*: Physical  
Education
- Isobel Jean Inglis, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization*: Education
- Eleanor Siegel Jacobs, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education
- Mary Scherer Johnson, Columbus  
B.A.  
*Field of Specialization*: History
- Russell Frederick Johnston,  
McKeesport, Pa.  
A.B. (Colgate University)  
*Field of Specialization*: Journalism
- John Patrick Keating,  
San Francisco, Calif.  
A.B., M.A. (Gonzaga University);  
M.Sacred Theo. (University of Santa  
Clara)  
*Field of Specialization*: Psychology
- James Edward Klinksick, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education
- Elizabeth Jean Kuehnert, Columbus  
B.S. in Ed. (West Virginia  
University)  
*Field of Specialization*: Education
- Paula Grayce Kunkel, Zanesville  
B.S. (Miami University)  
*Field of Specialization*: Education
- William Roger Kunkel, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization*: English
- Gloria Teresa Langston, Taylors, S. C.  
B.A. (Agnes Scott College)  
*Field of Specialization*: German
- Stephanie Taylor Layton,  
Wilton, Conn.  
B.S. in Edu., M.A.  
*Field of Specialization*: English  
(TESOL)
- Marcia Jean Lipetz, Louisville, Ky.  
A.B. (Douglass College)  
*Field of Specialization*: Sociology
- Nancy Anne Losekamp, Columbus  
B.S. (Miami University)  
*Field of Specialization*: Education
- Anita Louise Malinowski,  
Clarksburg, W. Va.  
A.B. (West Virginia University)  
*Field of Specialization*: Classics
- Donna Kay McCaslin, St. Charles, Mo.  
A.B. (Lindenwood College)  
*Field of Specialization*: Romance  
Languages
- Elizabeth Parsons McClellan,  
Columbus  
A.B. (West Virginia University)  
*Field of Specialization*: Education
- Sharon Louise McClurg, Springfield  
B.S. in Educ. (Bowling Green State  
University)  
*Field of Specialization*: Education
- John Murdo Melver,  
Wellingborough, England  
B.A. Honors (University of New  
Castle)  
*Field of Specialization*: Geography
- Sheila Drew McKisic, Columbus  
B.F.A. (Ohio Wesleyan University)  
*Field of Specialization*: History of  
Art
- Rosemary Metzler, Lakewood  
B.S. in Educ. (Bowling Green State  
University)  
*Field of Specialization*: Theatre
- Charles Thomas Morello, Jr.,  
Norwood, N. J.  
B.A. (University of Iowa)  
*Field of Specialization*: German
- Frank Anthony Morisano,  
Oceanside, N. Y.  
A.B. (Cornell University)  
*Field of Specialization*: Psychology
- Robert Lee Nader, Marshall, Tex.  
B.S. (Stephen F. Austin State  
University)  
*Field of Specialization*: Political  
Science
- Bonnie Annette Neiswander, Dayton  
B.A. (Ashland College)  
*Field of Specialization*: Sociology
- Gregory Leo O'Hara,  
Forest Hills, N. Y.  
B.A. (Catholic University of  
America)  
*Field of Specialization*: Philosophy
- Lawrence Jerome Olszewski,  
East Hartford, Conn.  
B.A. (Southern Connecticut State  
College)  
*Field of Specialization*: Romance  
Languages
- Dolores Brokamp O'Reilly, Columbus  
B.S. (Our Lady of Cincinnati College)  
*Field of Specialization*: Education
- Howard Roy Ornstein, Cleveland  
B.A.  
*Field of Specialization*: Journalism
- Richard Gary Pankuch, Lyndhurst  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: German
- David Terry Paul, Dayton  
B.B.A., M.B.A. (University of  
Cincinnati)  
*Field of Specialization*: Economics

Thomas Perry, IV, Port Huron, Mich.  
B.A. (Albion College)  
*Field of Specialization: Romance Languages*

Carl James Phagan, Stillwater, Okla.  
B.S. (Oklahoma State University);  
M.S. (Abilene Christian College)  
*Field of Specialization: Anthropology*

Frederick Henry Posey, Columbus  
B.A.  
*Field of Specialization: English*

Thomas Allen Powers,  
Cuyahoga Falls  
B.S. in Bus. Adm. (University of Akron)  
*Field of Specialization: Business Administration*

James Odalis Price, Columbus  
B.S. (Bluefield State College)  
*Field of Specialization: Education*

Stuart Alan Rachlin, Yonkers, N. Y.  
A.B. (Cuny Hunter College)  
*Field of Specialization: Romance Languages*

Kathryn Breeden Rainford, Columbus  
A.B. (Indiana University)  
*Field of Specialization: Romance Languages*

Nancy Lee Randall, Columbus  
B.A.  
*Field of Specialization: English*

Jose Ricardo, Columbus  
*Field of Specialization: Romance Languages*

Bonni Lynn Rickey, Circleville  
B.S. in Edu.  
*Field of Specialization: Physical Education (Health Education)*

Stanley Robinett, Westerville  
B.S. Ed. (Otterbein College)  
*Field of Specialization: Education*

Margaret Smith Ross, Lyndhurst  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Romance Languages*

Richard Dennis Ross, Worthington  
B.F.A.  
*Field of Specialization: Education*

Alan Scott Rothey, Ogden, Utah  
B.A. (University of Utah)  
*Field of Specialization: Economics*

Rita Parsons Rothman, Columbus  
B.S. (Marshall University)  
*Field of Specialization: Education*

Bonnie Forgeron Ryan, Worthington  
B.S. in Edu.  
*Field of Specialization: Education*

Robert James St. John,  
Pottersville, Dominica, West Indies  
B.A. (Iona College)  
*Field of Specialization: Romance Languages*

Shirley Ann Scritchfield, Oseeola, Ia.  
B.S. (Iowa State University of Science and Technology)  
*Field of Specialization: Sociology*

Susan Jo Severance,  
Madison Heights, Mich.  
B.A.  
*Field of Specialization: German*

Elbert Yi-Chung Shih, Taipei, Taiwan  
B.A. (Taiwan Normal University);  
M.A. (Ohio University)  
*Field of Specialization: Economics*

Richard Hart Sinnreich,  
Washington, D. C.  
B.S. (United States Military Academy)  
*Field of Specialization: Political Science*

Donald Billy Smith, Pittsboro, N. C.  
B.A. (University of North Carolina)  
*Field of Specialization: Psychology*

Rayma Evangeline Smith, Springfield  
B.S. (Miami University)  
*Field of Specialization: Speech*

Kendrick Lewis Spooner, Worthington  
B.S. (Michigan State University)  
*Field of Specialization: Education*

Neil Edward Staten, Lancaster  
B.A. (Bowling Green State University)  
*Field of Specialization: Education*

Marianne Pavey Stephan, Xenia  
B.A. (Wittenberg University)  
*Field of Specialization: Education*

Ahmad Ali Sultani,  
Kabul, Afghanistan  
B.A. (Kabul University)  
*Field of Specialization: Education*

Mary Faith Tanney, Pittsburgh, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization: Psychology*

Michael W. Taylor, Beaver Falls, Pa.  
B.S. in B.A. (Youngstown State University)  
*Field of Specialization: Journalism*

Stuart Barden Tennant,  
Farmville, Va.  
B.A.  
*Field of Specialization: English*

Kathryn Dennehy Thorne, Columbus  
A.B. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Journalism*

Michael Hillman Tschappat,  
Cherry Hill, N. J.  
B.A. (Hiram College)  
*Field of Specialization: Journalism*

Marshall Raymond Turley,  
Westerville  
B.S. in Edu.  
*Field of Specialization: Music*

Carmen D. Valentino,  
Philadelphia, Pa.  
B.A. (La Salle College)  
*Field of Specialization: German*

Charles Lord Vedder, Columbus  
B.S. in Edu.  
*Field of Specialization: Romance Languages*

Terry Kennon Webber, Columbus  
A.B. (Ohio University)  
*Field of of Specialization: History*

Donald Sinclair Welch, Ashland  
B.S. in B.A. (Ashland College)  
*Field of Specialization: Education*

Patricia Hughes Whetzel,  
Englewood Cliffs, N. J.  
A.B. (College of Notre Dame of Maryland)  
*Field of Specialization: History*

Elizabeth Hutchison Whitman,  
Columbus  
B.A. (Marshall University)  
*Field of Specialization: Education*

Gordon Lee Whitman, Columbus  
A.B. (West Virginia University)  
*Field of Specialization: Education*

Richard Henry Wojcik,  
Parma Heights  
B.A.  
*Field of Specialization: Linguistics*

Robert J. Zajdel, McKeesport, Pa.  
B.A. (Duquesne University)  
*Field of Specialization: Classics*

Robert Howard Zerbst, Columbus  
B.A. (Miami University)  
*Field of Specialization: Economics*

Nancy Lusk Zimpher, Piqua  
B.S. in Edu.  
*Field of Specialization: English*

#### **Master of Business Administration**

Twenty-six candidates

German Acosta, Columbus  
B.I.E.  
*Field of Specialization: Business Administration*

Elmer Eugene Adams, Canton  
B.S. in Edu.  
*Field of Specialization*: Business Administration

Harvey Edward Bell, Jr., Wooster  
B.S. (Monmouth College, New Jersey)  
*Field of Specialization*: Business Administration

Donald Clifford Belt, St. Clairsville  
B.A. (Washington and Jefferson College)  
*Field of Specialization*: Business Administration

David Lee Boyle, Louisville  
B.S. in B.A. (Wittenberg University)  
*Field of Specialization*: Business Administration

Thomas Carey Brannock, Columbus  
B.B.A. (University of Cincinnati)  
*Field of Specialization*: Business Administration

Charles Raphael Foley, Springfield  
B.S. in Bus. Adm.  
*Field of Specialization*: Business Administration

Albert John Geis, Worthington  
B.S.M.E. (Purdue University)  
*Field of Specialization*: Business Administration

Charles Richard Gustafson,  
Houston, Tex.  
B.B.A. (University of Texas)  
*Field of Specialization*: Business Administration

Paul Bernard Hambor, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization*: Business Administration

Jack Errol Harden, Columbus  
B.S. (Syracuse University)  
*Field of Specialization*: Business Administration

Charles Terrence Hogue, Mt. Vernon  
B.A. (Grove City College)  
*Field of Specialization*: Business Administration

Carl Leroy Hull, Hillsboro  
B.A.  
*Field of Specialization*: Business Administration

Robert Charles James, Parma Heights  
B.A. (Wittenberg University)  
*Field of Specialization*: Business Administration

Wilbur Gene James, Indianapolis, Ind.  
B.S.E.E. (Purdue University), M.S.  
*Field of Specialization*: Business Administration

Timothy Alan Jones, Montpelier  
B.S. in Bus. Adm.  
*Field of Specialization*: Business Administration

Norman Eugene Landes, Napoleon  
B.S.I.E.  
*Field of Specialization*: Business Administration

Larry Lawrence Lee, North Fairfield  
B.S. in Agr.  
*Field of Specialization*: Business Administration

Stephen Shannon McCampbell,  
Columbus  
B.S. in Bus. Adm.  
*Field of Specialization*: Business Administration

Don Christopher Osborne, Cincinnati  
B.S. (Purdue University)  
*Field of Specialization*: Business Administration

Rosario Angelo Rizzo, Dunmore, Pa.  
B.S. in Bus. Adm.  
*Field of Specialization*: Business Administration

Edward Lorentz Sebring, Columbus  
B.A.  
*Field of Specialization*: Business Administration

Roger Charles Strom, Alexandria, Va.  
B.S. in Arch. (Idaho State University)  
*Field of Specialization*: Business Administration

Pierre Joseph van Pottelsberghe de la  
Potterie,  
Columbus  
Ph.D.  
*Field of Specialization*: Business Administration

John Martin Vogelsang, Madison  
B.S. (United States Air Force Academy)  
*Field of Specialization*: Business Administration

Clyde Leroy Young, Columbus  
B.S.M.E. (University of Illinois)  
*Field of Specialization*: Business Administration

### Master of City Planning

Two candidates

Sue Kingston Florio, Chardon  
B.A. (Hiram College)  
*Field of Specialization*: City and Regional Planning

Richard Charles Robinson,  
Port Credit, Ont., Canada  
B.A. (Mankato State College,  
Minnesota)  
*Field of Specialization*: City and Regional Planning

### Master of Fine Arts

Two candidates

Robert Thomas O'Rourke,  
New York, N. Y.  
A.B. (Hunter College)  
*Field of Specialization*: Theatre

Richard Wilbur Smith,  
Leadville, Colo.  
A.B. (Colorado State College)  
*Field of Specialization*: Fine Arts (Ceramics)

### Master of Music

One candidate

Cassandra Lisa Doran,  
Baltimore, Md.  
B.Mus. (Peabody Conservatory of Music)  
*Field of Specialization*: Music

### Master of Science

One hundred and thirty-three candidates

Mohamad Abrishaman, Tabriz, Iran  
B.M.E.  
*Field of Specialization*: Mechanical Engineering

Marthella Glover Andrews, Columbus  
B.S. (University of Oregon)  
*Field of Specialization*: Nursing

Jack Alan Arnold, Lima  
B.I.E.  
*Field of Specialization*: Industrial Engineering

- Judith Brady Barger, Petersburg  
A.B. (Youngstown State University)  
*Field of Specialization*: Home  
Economics
- Thomas Jean Benson, Columbus  
B.A.A.E.  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering
- James William Bentz, Coshocton  
B.S.  
*Field of Specialization*: Computer and  
Information Science
- Michael James Bernard, South Euclid  
B.S. (Allegheny College); D.D.S.  
*Field of Specialization*: Dentistry
- Bence David Boeleskey,  
Wheeling, W. Va.  
B.S. (West Liberty State College)  
*Field of Specialization*: Physiology
- Samuel Joseph Bowden,  
Silver Spring, Md.  
B.S. (Oklahoma State University)  
*Field of Specialization*: Industrial  
Engineering
- Douglas Lyle Box, Grand Rapids  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Economics and Rural Sociology
- Richard Keith Brundage, Toledo  
B.S.E.P. (University of Toledo)  
*Field of Specialization*: Astronomy
- Milagros Dacanay Carbonell,  
Quezon City, Philippines  
B.S. (University of the Philippines)  
*Field of Specialization*: Agronomy
- Paul Sui-Yuen Chan, Hong Kong  
B.S. (University of Wisconsin)  
*Field of Specialization*: Computer and  
Information Science
- Che-Wei Wayne Chang,  
Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization*: Civil  
Engineering
- Craig McClain Cheetham, Columbus  
B.E.E.  
*Field of Specialization*: Electrical  
Engineering
- Anthony H. K. Chen,  
San Francisco, Calif.  
B.S. (University of California)  
*Field of Specialization*: Chemical  
Engineering
- Hyun Sam Cho, Seoul, Korea  
B.S. (Hanyang University)  
*Field of Specialization*: Chemical  
Engineering
- James Kuei-Tung Chow,  
Setauket, N. Y.  
B.S.E. (Taiwan Cheng Kung  
University)  
*Field of Specialization*: Mechanical  
Engineering
- Charles Frederick Clark, Jr.,  
Lancaster  
B.A. (Dartmouth College)  
*Field of Specialization*: Physics
- Thomas Barrett Cole, Jr., Columbus  
B.S.  
*Field of Specialization*: Anatomy
- <sup>1</sup>Hudson Lee Conley, Jr.,  
North Canton  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering
- Thomas Harvey Cooper, Minot, N. D.  
B.S. (University of Arizona)  
*Field of Specialization*: Pathology
- Douglas Sherwood Corner,  
Westerville  
B.S. (Otterbein College)  
*Field of Specialization*: Chemistry
- Russell Vance Cox, Humboldt, Tenn.  
B.S. (University of Tennessee)  
*Field of Specialization*: Natural  
Resources
- Donald Erwin Crawford,  
Great Falls, Mont.  
A.B. (Northwest Nazarene College)  
*Field of Specialization*: Statistics
- John Briggs Curtis, Hopkinsville, Ky.  
B.A. (Vanderbilt University); B.D.  
(Southern Baptist Seminary); Ph.D.  
(Hebrew Union College)  
*Field of Specialization*: Physics
- Donald Paul D'Amato, Waukegan, Ill.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Physics
- Irvin Myron Davis, Silver Spring, Md.  
D.D.S.  
*Field of Specialization*: Dentistry
- Richard Gordon DeWeese, Cincinnati  
B.S. in Agr., B.S. in Edu.  
*Field of Specialization*: Zoology
- Albert Myron Dickerson, Columbus  
B.M.E.  
*Field of Specialization*: Mechanical  
Engineering
- Lawrence Thomas Driscoll,  
Rochester, N. Y.  
B.S. (College of William and Mary)  
*Field of Specialization*: Physics
- Mary Jeanne Smith Eichhorn,  
Columbus  
B.S. in Nurs.  
*Field of Specialization*: Nursing
- Niyazi Eroglu, Trabzon, Turkey  
B.Met.E.  
*Field of Specialization*: Metallurgical  
Engineering
- James Esposito, New Albany  
B.A. (Paterson State College)  
*Field of Specialization*: Natural  
Resources
- Charles Thomas Evans, Defiance  
D.D.S.  
*Field of Specialization*: Dentistry
- <sup>2</sup>James Edwin Evans, Reynoldsburg  
*Field of Specialization*: Mechanical  
Engineering
- Mohammad Taghi Fatehi,  
Tehran, Iran  
B.S. (American University of Beirut)  
*Field of Specialization*: Electrical  
Engineering
- Martha Heisel Fikes, Hilliard  
A.B. (Earlham College)  
*Field of Specialization*: Zoology
- Robert Hugh Fries,  
Huntington Beach, Calif.  
B.M.E.  
*Field of Specialization*: Mechanical  
Engineering
- Brian Richard Gardner, Dayton  
B.M.E. (University of Dayton)  
*Field of Specialization*: Mechanical  
Engineering
- Robert Spencer Garmise, Ithaca, N.Y.  
B.S. (University of Wisconsin)  
*Field of Specialization*: Computer and  
Information Science
- James Francis Gavlus  
Martinsburg, W. Va.  
B.S. (West Virginia University)  
*Field of Specialization*: Chemistry

<sup>1</sup> Also Bachelor of Aeronautical and  
Astronautical Engineering, College of  
Engineering

<sup>2</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering

- Randall Michael German, Columbus  
B.S. (San Jose State College)  
*Field of Specialization: Metallurgical Engineering*
- <sup>1</sup>Steven Cameron Goddard, Columbus  
*Field of Specialization: Mechanical Engineering*
- Catherine Marie Gradel, Toledo  
B.A. (Our Lady of Cincinnati College)  
*Field of Specialization: Animal Science*
- Bernadette Wasko Gunsorek, Columbus  
B.S. (Ohio University)  
*Field of Specialization: Computer and Information Science*
- Donald Carl Haberkost, Parma Heights  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Jacqueline Homan Hargreaves, Perrysburg  
B.S.  
*Field of Specialization: Zoology*
- James Andrew Harrass, Botkins  
B.S. in E.S. (Case Western Reserve University)  
*Field of Specialization: Industrial Engineering*
- Edwin Eugene Hartquist, Rochester, N.Y.  
B.S. (University of Rochester)  
*Field of Specialization: Electrical Engineering*
- Daniel Charles Hawley, Rocky River  
B.S. (Ohio University)  
*Field of Specialization: Computer and Information Science*
- Robert Wayne Hershberger, Wilmont  
B.S. in Nurs.  
*Field of Specialization: Nursing*
- Arthur George Hock, Aberdeen  
B.S. in Agr.  
*Field of Specialization: Agronomy*
- John David Hoffman, Dayton  
B.S.M.E. (Ohio University)  
*Field of Specialization: Mechanical Engineering*
- Peter Albert Homol, Pittsburgh, Pa.  
B.S. (University of Pittsburgh)  
*Field of Specialization: Physics*
- Kenneth Stephen Hovan, Columbus  
B.A., M.S. (John Carroll University)  
*Field of Specialization: Computer and Information Science*
- <sup>2</sup>George Edward Hull, Greenfield  
*Field of Specialization: Horticulture*
- Stephen Joseph Hurst, Columbus  
B.S.  
*Field of Specialization: Botany*
- Kamran Jalil, Tehran, Iran  
*Field of Specialization: Civil Engineering*
- Joann Crecelius Jones, Milan  
B.S. in H.E.  
*Field of Specialization: Home Economics*
- Raymond Armand Jones, Corpus Christi, Tex.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- Georghis Costas Kathidjotis, Marysville  
B.S. (Youngstown State University)  
*Field of Specialization: Horticulture*
- Stephen Dominic Kay, Philadelphia, Pa.  
B.S.E.E. (Drexel Institute of Technology)  
*Field of Specialization: Electrical Engineering*
- Ali Keyhani, Columbus  
B.E. (Youngstown State University)  
*Field of Specialization: Electrical Engineering*
- Charles Alvin Klingensmith, Leavittsburg  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Kathryn Alice Kluss, Mogadore  
B.S. in Nurs.  
*Field of Specialization: Nursing*
- Fred Jay Krieg, Fresh Meadows, N. Y.  
A.B. (Boston University); M.A. (University of Massachusetts)  
*Field of Specialization: Physiological Optics*
- Marshall Neal Kurfiss, Germantown  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- David Oliver Kutscher, New Philadelphia  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Garold Kent Larson, Mission, Kan.  
B.A. (Carleton College)  
*Field of Specialization: Astronomy*
- William Robert Leland, Cincinnati  
B.I.E.  
*Field of Specialization: Industrial Engineering*
- Michael Shea Lerch, Canton  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Joseph Alan Leubitz, Akron  
B.S. (University of Pennsylvania)  
*Field of Specialization: Computer and Information Science*
- Alan Laird Lewis, Durham, Conn.  
B.S.Opt. (Massachusetts College of Optometry)  
*Field of Specialization: Physiological Optics*
- Larry Joe Lilly, Reynoldsburg  
B.S.E.E. (West Virginia University)  
*Field of Specialization: Electrical Engineering*
- Nancy Lan-Sai Lin, Seattle, Wash.  
B.S. (Oregon State University)  
*Field of Specialization: Medical Microbiology*
- Inez Park Maloney, Columbus  
B.S. in Edu.  
*Field of Specialization: Home Economics*
- Sam Marjono, Surabaya, Indonesia  
D.D.S. (Airlangga University)  
*Field of Specialization: Dentistry*
- Patricia Grady Matyk, Columbus  
B.S. in Med. Diet.  
*Field of Specialization: Allied Medicine*
- Thomas Milligan McCann, Jr., Dayton  
B.S. (I.E.) (Newark College of Engineering)  
*Field of Specialization: Industrial Engineering*
- Eileen Craven McSaveney, Columbus  
B.A. (State University of New York at Buffalo)  
*Field of Specialization: Geology*
- John Richard Meckley, Elyria  
B.S. (Ohio University)  
*Field of Specialization: Physics*
- Edgar Otto Mehlman, Bridgeport  
B.S.M.E. (Ohio University)  
*Field of Specialization: Electrical Engineering*

<sup>1</sup> Also Bachelor of Mechanical Engineering, College of Engineering

<sup>2</sup> Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Thomas Anthony Menard,  
Seattle, Wash.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization: Physics*

Thomas Paul Mikoy, Elyria  
B.Mech.Eng. (General Motors  
Institute)  
*Field of Specialization: Welding  
Engineering*

John Walter Napier, Dayton  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

John Watson Neth, III,  
Milligan College, Tenn.  
B.S. (Milligan College)  
*Field of Specialization: Zoology*

<sup>1</sup>Douglas J. Niemeyer, Sidney  
*Field of Specialization: Mechanical  
Engineering*

John Frederick Norris, Columbus  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Victor Kenneth Oesterling, Jr.,  
Columbus  
B.S. in Phar.  
*Field of Specialization: Pharmacy*

<sup>2</sup>Alan Pedro Orizondo, Columbus  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

David Arthur Pack, Columbus  
B.S., M.D.  
*Field of Specialization: Obstetrics and  
Gynecology*

Donald Peppercorn, Cleveland  
B.S. in Phar., D.D.S.  
*Field of Specialization: Dentistry*

John Collins Potter, Delaware  
B.S. in Agr.  
*Field of Specialization: Animal  
Science*

James Bullock Price, Englewood  
B.S.Nucl.Engr. (University of  
Tennessee)  
*Field of Specialization: Nuclear  
Engineering*

Keith Vincent Rohrbach, Plain City  
B.S. in Food Tech.  
*Field of Specialization: Horticulture*

Jatinder Pal Sabhlok, Columbus  
B.Sc. (Panjab University); B.S.  
*Field of Specialization: Dairy  
Technology*

Shirley Ann Sapala, Raritan, N. J.  
B.S. (New York University)  
*Field of Specialization: Nursing*

Larry Wayne Saunders, Grove City  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Janet Harman Schafer, Columbus  
B.S. (West Virginia University)  
*Field of Specialization: Animal  
Science*

Leonard Eugene Schumann,  
Wapakoneta  
B.S. in Agr., B.S. in Edu.  
*Field of Specialization: Zoology*

Uday Kumar Sengupta,  
Barrackpore, West Bengal, India  
B.Tech. (Indian Institute of  
Technology)  
*Field of Specialization: Electrical  
Engineering*

John Richard Shupert, Seaman  
B.S. in Agr.  
*Field of Specialization: Agronomy*

Joyce Elaine Smith, Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Zoology*

Michael Stanley Socha, Bellevue  
B.S., D.D.S. (Case Western Reserve  
University)  
*Field of Specialization: Dentistry*

Stanley Wayne Sprague, Hebron, Ky.  
B.S. (University of Cincinnati)  
*Field of Specialization: Physics*

James Nicholas Stambolis,  
St. Clairsville  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Robert Staut, Vineland, N. J.  
B.S. (Ashland College)  
*Field of Specialization: Zoology*

Richard Everett Swanson,  
Colorado Springs, Colo.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization: Physics*

Mohammad Sadiq Swati,  
Hazara, West Pakistan  
B.S. (West Pakistan University of  
Engineering and Technology); M.C.P.  
*Field of Specialization: Civil  
Engineering*

Thomas Anthony Tagliamonte,  
Mentor  
B.S. (Ohio University)  
*Field of Specialization: Chemistry*

Joseph Louis Taraba, Columbus  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Robert Benjamin Thelin, Hoven, S. D.  
B.S. (South Dakota State University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

George Sylvester Thompson, Jr.,  
Dayton  
B.S. Mech. Engr. (Stevens Institute  
of Technology)  
*Field of Specialization: Mechanical  
Engineering*

Carmen Ehrhardt Trisler, Cincinnati  
B.S. in Edu. (Wittenberg University)  
*Field of Specialization: Natural  
Resources*

Shradha Chandrakant Trivedi,  
Bombay, India  
B.A., M.A. (University of Bombay)  
*Field of Specialization: Mathematics*

David Harrison Tullis, Columbus  
B.S. (Ashland College); M.D.  
*Field of Specialization: Obstetrics  
and Gynecology*

David Philip Turtle,  
Bala-Cynwyd, Pa.  
B.S. in Ch.E. (Bucknell University)  
*Field of Specialization: Chemical  
Engineering*

Charles Allyn Uniacke, Canton  
B.S.  
*Field of Specialization: Physiological  
Optics*

Arnold Evald Vlieks,  
Thomaston, Conn.  
B.S. (Rensselaer Polytechnic  
Institute)  
*Field of Specialization: Physics*

Wolf-Werner VonMaltzahn,  
Kiel, Germany  
*Field of Specialization: Electrical  
Engineering*

<sup>1</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering

<sup>2</sup> Also Bachelor of Aeronautical and  
Astronautical Engineering, College of  
Engineering

<sup>3</sup> Also Bachelor of Science in Computer and  
Information Science, College of Engineering

Keith Daws Waddington,  
 New Hartford, N. Y.  
 B.S. (University of Akron)  
*Field of Specialization: Entomology*

Stephen Daniel Walker, Denver, Colo.  
 B.S. (Stanford University)  
*Field of Specialization: Electrical Engineering*

<sup>1</sup>John Carl Warns, Walbridge  
*Field of Specialization: Civil Engineering*

Henry Anthony Weishaar, Kettering  
 B.S.A.E. (United States Air Force Academy)  
*Field of Specialization: Aeronautical and Astronautical Engineering*

John Harr Welch, Columbus  
 B.S.M.E.  
*Field of Specialization: Mechanical Engineering*

Gerald Thomas Wentzel, Columbus  
 B.C.E.  
*Field of Specialization: Civil Engineering*

Allan Jay Wexler,  
 Mountindale, N. Y.  
 B.S. (Brooklyn College)  
*Field of Specialization: Chemistry*

Edward Thomas Whalen, Baltimore  
 B.S.Ch.Eng. (Ohio University)  
*Field of Specialization: Chemical Engineering*

James Martin Wilock,  
 Schenectady, N. Y.  
 B.A. (University of Rochester)  
*Field of Specialization: Computer and Information Science*

Kent Eugene Wilson, Spokane, Wash.  
 D.D.S. (Indiana University)  
*Field of Specialization: Dentistry*

Melesse Wondemagegnehu,  
 Addis Ababa, Ethiopia  
 B.Sc. (Haile Sellassi I University)  
*Field of Specialization: Civil Engineering*

Ali Mohamed Ahmed Zied,  
 Cairo, Egypt  
 B.Sc. in E.E. (Alexandria University)  
*Field of Specialization: Nuclear Engineering*

<sup>1</sup> Also Bachelor of Civil Engineering, College of Engineering

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Dean for Undergraduate Programs: Lawrence J. R. Herson

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur Adams

### College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### College of Social and Behavioral Sciences

Acting Dean: James G. Martin

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Five candidates

Phoebe Mae Allen, Barberton  
David Ross Gunn, Riverton, N. J.  
Beverly Anne Orr, Paulding  
Candace Lynn Trestrail,  
Milwaukee, Wis.  
Gordon Mark Walek, Worthington

### Bachelor of Fine Arts

Twenty-five candidates

Christen Kay Baldwin, Columbus  
Jon Howard Bentz, Columbus  
Christine Anne Billings, Brecksville  
Gill Wayne Brehm, Columbus  
Cathie Ann Crawford, Bayside, N. Y.  
John Vance Geyer, Columbus  
<sup>1</sup>Richard Henry Grinstead, II,  
Columbus  
Patricia Ann Herman, Columbus  
Linda Carol Hoeffinger, Hilliard  
Barbara Flack Howell, Columbus  
J. William Jones, Dayton  
Michael Thomas Kendall, Columbus  
Manyee Lau, Hong Kong  
Darlyn Campbell Martin, Wapakoneta  
Karen Tate Mason, Marion  
Barbara Lee Maxwell, Roanoke, Va.

Suzanne Elizabeth McCready,  
Wellsville  
Karen Randal McDonald,  
Christiansted, St. Croix, Virgin Is.  
Robert Allan Mihaly, Parma  
Marilyn Mae Osborne, Poland  
Rosella Park, Urbana  
Maureen Radcliffe, Worthington  
John Thomas Stovicek, Westlake  
Joanne Zborovsky Viren, Columbus  
Robert Roy Williams, Jr., Columbus

### Bachelor of Music

Four candidates

Rita Anne DelCiello, Columbus  
Deborah Weeks Detrick, Columbus  
Mary Virginia Schilt, Cuyahoga Falls  
Roger Craig Vogel, Cleveland

**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  
twenty-seven**

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Three candidates

Gary Alan Colner, South Euclid  
Ralph Johnson Thompson, Jr.  
Carrollton  
Douglas Albert Wemmer,  
Battle Creek, Mich.

### Bachelor of Science

Forty-eight candidates

Barry Norman Aab, Buckland, B.A.  
Ellen Louise Bennett, Burton  
William Henry Bolinger, Gahanna  
Carmine Joseph Bozzi, Columbus  
Frederick Maurice Bradshaw, Elida  
Mary Frances Brunner, Louisville  
Carol Lynn Caplowe, Wadsworth  
Ernest John Caringola, Jr.,  
Youngstown  
Sandra Kay Clapp, Euclid  
Stephen Joseph Clouse, Somerset

Dave Davis, Jr., Columbus  
Diane Arline Dolan, Willoughby  
Sue Carol Emans, Ottawa  
Robin Mark Faust, Cardington  
Philip Francis Federle, Cincinnati  
David Allen Gilligan, Newark  
Rose Marie Hackett, Middleport  
Kenneth James Harper, Galena  
Bradford G. Hille, Canfield  
Rodney Albert Katzer, Pittsburgh, Pa.  
Dawne Vernon Kipp, Cuyahoga Falls  
Donald Eugene Levensgood, Baltic  
Gary Lee Martin, Fostoria  
Ralph Edward Martin, Columbus  
Daniel Stephen McGuire, Warren  
Steven Dale Meltzer,  
Great Bend, Kan.  
Madeline Elizabeth Mendenhall,  
Cincinnati  
Stephen Christopher Miller, Columbus  
Douglas Ewart Morriss, Cincinnati  
Richard Edward O'Brien,  
Lexington, Mass.  
Alan David Pierce, Columbus  
William Burdette Raskey, Columbus  
Timothy Ragon Rhode, Northfield  
Terry Raymond Scheid,  
Deer Park, N. Y.  
Jackson Philip Scholl, Columbus  
Michael Thomas Shandersky,  
Cleveland  
Mark William Sheehan, Houston, Tex.  
Gary Stephen Smith, Gallipolis  
Steven Edward Smith, Columbus  
David William Steiner, Lima  
Kristine Lynne Supik, Brecksville  
Michael Anton Tabery, Columbus  
Carol Ann Taylor, Columbus  
David Wayne Townsend, Columbus  
Eric Gordon Weber, Columbus  
David William Winfough, Columbus  
James Everett Witherell, Jr.,  
Brookville  
Andrew Allan Zoll, Mansfield

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

Sixty-three candidates

Jack W. Abel, Cleveland  
Kenneth Minoru Akena,  
Kailua, Oahu, Hawaii

<sup>1</sup> Also Bachelor of Art Education, College of Education

William Linskey Anderson, Columbus  
 Paul Allen Bergman, Beachwood  
 Donald Francis Blazer, Columbus  
 Nancy Lorig Brown, Middletown  
 Robert Broadus Burkhalter,  
 Westerville  
 Patricia Ann Campbell,  
 Washington, Pa.  
 Stephen John Chesko, Cleveland  
 †James Joseph Chrisman, Columbus  
 Madalyn Bick Dowman, Toledo  
 Eldon Richard Edwards, Lorain  
 Douglas Allen Ellis, Mansfield  
 Kathryn Kaye Evans,  
 Washington Court House  
 Steven Eugene Fekete, Columbus  
 Phylis Furth, Long Beach, N. Y.  
 Carol Ann Gilbert, Worthington  
 Jeffery Wayne Girard, Magnolia  
 Gary Kim Graeff, Cleveland  
 Rickey John Greene, Columbus  
 Michael Douglas Gron, Columbus  
 Cheryl Swanson Hambach, Columbus  
 Kenneth Ray Harmon, Solon  
 Ronald William Hartley, Columbus  
 Burgess Lee Hovevar, Cleveland  
 Beverly Ann Hutchinson, Columbus  
 Rebecca Henry Jahn, Columbus  
 John William Jaster, Columbus  
 Dale Lee Jones, Columbus  
 Phillip Michael Kabealo, Columbus  
 Ronald Stanford Kahn,  
 Cleveland Heights  
 Noreen June Karanflian,  
 Clifton, N. J.  
 Ronald Allen Kasson, Granville  
 Tunney Lee King, Columbus  
 John Jerome Kuhn, Tampa, Fla.  
 Richard Marshall Lange, Columbus  
 Keri Deborah Lord, Yellow Springs  
 Edeltraud Wanda Maertins, Shelby  
 Diane Duemmel Mallory, Columbus  
 Susan Jane Matcham, Erie, Pa.  
 George Michael McClaran, Avon  
 Stephen Jerome Monnot,  
 North Canton  
 William Alfred Nelson, Kettering  
 Patricia Sue Newman, Canton  
 Margaret Mary Newton,  
 Lockport, N. Y.  
 Phyllis MacKenzie O'Neil, Marietta  
 Stephen Louis Polis, Columbus  
 Terrence Michael Pollick, Columbus  
 Linda Lou Puckett, Kettering  
 Susan Barbara Quinby, Whitehall  
 David Scott Riehl, Columbus  
 Cynthia Placidi Rohrs, Hicksville  
 James Alan Rowland, Massillon  
 James Michael Scheib, Dayton

Victor Ronald Shepard, Columbus  
 George Vincent Simons, Lima  
 Julia Anne Sinkey, Grove City  
 Kenneth Neal Snyder, London  
 Jay Lewis Sparr, Paducah, Ky.  
 Melany Stinson, Clarksburg  
 Steven Gary Toole, Columbus  
 William Forrest Wirsch, Dayton  
 Michael Wayne Wright, Cincinnati

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Two candidates

Michael David Evans, Newark  
 Rohini Venkatesh, Columbus

### Bachelor of Science

Twenty-seven candidates

Mary Rebecca Baird, Edison  
 Joseph Howard Bara,  
 Cleveland Heights  
 Michael George Barry, Columbus  
 George Edward Becker, Lima  
 Mary Logan Chittenden, Columbus  
 James Timothy Coyle, North Canton  
 Thomas Leon Crunkilton, Marysville  
 Jenkins K. Dorbor, Voinjama, Liberia  
 Gary William Felton, Pickerington  
 William Douglas Figula, Lorain  
 William Giles Hess, Brooklyn, Mich.  
 Michael Atwood Huffenberger,  
 Wilmington  
 David Michael Jameson, Cleveland  
 Drew Raymond Killius, Youngstown  
 Robert Edward Lundgren, Columbus  
 Michael John Lynch, Cambridge  
 Luana Rae MacCallum, Columbus  
 Dennis Thomas Marshall, Seville  
 Michael Lee Miller, Harrisburg  
 William James Scholl, Coshocton  
 James Walter Sellars, Lakewood  
 Craig B. Stair, Cincinnati  
 Richard Carew Tuttle, Columbus  
 John Edward Umstead, Galion

James Manville Whitehead, Elyria  
 Thomas James Williams, Jr.,  
 Columbus  
 Dennis Song Yun, Columbus

## College of Social and Behavioral Sciences

Acting Dean: James G. Martin

### Bachelor of Arts

One hundred and thirty candidates

Sandra Lee Albertson, Akron  
 Bonnie Mathews Allison,  
 Moorestown, N. J.  
 Gloria Jean Angelo, Columbus  
 Howard Whitelaw Bahr, Oberlin  
 Lynn Leroy Bandy, Lima  
 Robert Douglas Barga, Versailles  
 Darrell Bennett Bass, Canton  
 Robert Francis Bassak, Seven Hills  
 Thomas Joe Baughman,  
 Branford, Conn.  
 Richard Albert Benz, Parma  
 Alan Charles Berg, Cincinnati  
 Sandra Lee Berg, Peoria, Ill.  
 Jeffrey Lewis Berk, Columbus  
 Nikolaus Bezruczko, Fayette  
 Brent Tross Blackshaw, Columbus  
 Arthur Lee Blinick, Cleveland Heights  
 Robert Elwood Bragg, Jr., Galloway  
 Barbara Abby Brown, Arlington, Va.  
 Carl Michael Brown, Marion  
 Robert John Brown,  
 Point Pleasant, N. J.  
 Steven Ray Brownstein, Columbus  
 Terry Dennis Buerger, Kenton  
 Thomas Franklin Calhoun, II, Hilliard  
 Ronald Mark Cappelletti,  
 Mayfield Heights  
 Russell Luther Carter, Jr., Dayton  
 Lisabeth Patricia Cassaro,  
 Jersey City, N. J.  
 John Anthony Ciccone, Aliquippa, Pa.  
 Lewis Edward Corrigan,  
 Mingo Junction  
 Terrence Milton Croft, Coshocton  
 Duane Harold Crone, Columbus  
 George Thomas Crosby, Bronx, N. Y.  
 Richard Franklin Denham, Columbus  
 Denise Ann Dostal, Cleveland

† Also Bachelor of Science in Education,  
 College of Education

Richard Lane Douglass, Columbus  
 Celia Anne Drake, Columbus  
 Janis Lee Dregalla, Cleveland  
 Karen Louise Dunlap, Kettering  
 Christopher Brandt Eldredge,  
 Barrington, Ill.  
 Richard Dale Evans, Columbus  
 Terry Jay Fadem, University Heights  
 Robert Lee Finley, Columbus  
 Murray Lyle Fitzhugh, Columbus  
 Arthur Gregory Frazier,  
 Cuyahoga Falls  
 James Edwin Fred, Lebanon  
 Dale Clinton Freeman, Ironton  
 Roberta Jo French, Columbus  
 Kenneth Jay Friscoe, Columbus  
 Carl Byron Fry, Columbus  
 Evelyn Jeanette Funk, Marietta  
 Robert Andras Gabor, South Euclid  
 Alan Roderick Garges, Columbus  
 Carol Seraphina Gee,  
 New York, N. Y.  
 David Roderick Glenn, Cleveland  
 Frank Stephen Gogul, Jefferson  
 Lynn Brooks Hansson,  
 Painted Post, N. Y.  
 LaQuita Othenia Henry, Dayton  
 Marcia Laird Hershey, Columbus  
 David Mark Heuer, Euclid  
 Donna LaJack Hinko, Columbus,  
 Steven Harold Horwitz, Cincinnati  
 James Michael Huber, Columbus  
 Kenneth Louis Jackson, Columbus  
 John Brenton Kackley, Columbus  
 Stephen Richard Kalette,  
 Syracuse, N. Y.  
 Dorothy Jean Kapp, Columbus  
 Howard Richard Keyse,  
 Webster, N. Y.  
 Jo Annelle Killian, Cuyahoga Falls  
 Lawrence Stephen Krell,  
 Pepper Pike  
 Patrick Thomas Lemmon, Columbus  
 Nicole Anne LeMoyné, Middletown  
 Douglas Stuart LeVasseur, Columbus  
 B.S.  
 Arlene Judy Levis, Brooklyn  
 Madelon Rhoda Levy, Hamilton  
 Kao Pin Lew, Fairlawn, N. J.  
 Timothy Richard Linkhorn, Columbus  
 Gary Alan Loke, Wallingford, Conn.  
 Jean Cox Lorz, Columbus  
 Edward John Malecki, Jr., Columbus  
 Catherine Elizabeth Marshall,  
 Yellow Springs  
 Ronald Samuel Marsico,  
 Harrisburg, Pa.  
 Nancy Leigh Martin,  
 Cleveland Heights

John Edward McCall, Barberton  
 Pamela Louise McCann, Springfield  
 Dennis Damian McDonald, Columbus  
 Rodney Leonard Metcalf, Uhrichsville  
 Daniel Miljanich, Columbus  
 Kathleen Eleanor Miller, Cincinnati  
 Philip Link Miller, Columbus  
 John Conaway Milliken, New Carlisle  
 James Michael Monsour, Columbus  
 Shelley Susan Moroff,  
 Massapequa, N. Y.  
 Barbara Jean Nelson,  
 Mayfield Heights  
 Fred Eugene Newman, Richwood  
 Effie Jane Nicholakis, Cambridge  
 Ralph Dean Painter, Lima  
 Benjamin Franklin Parks,  
 New Castle, Del.  
 Richard Charles Pitcher,  
 Warrensville Heights  
 Norma Jean Plahy, Warren  
 Terry Jack Powell, Columbus  
 Carol Ann Reese, Elida  
 William Arthur Reeve, Ashland  
 Barbara Lee Rivard, Kettering  
 Alan Edward Rohrs, Hicksville  
 William Keith Root, Northfield  
 Jennifer Lou Scites, Delaware  
 Pamela Kay Scott, Cincinnati  
 Ronald Shanbrom, Cleveland  
 Richard Lee Sherman, Dayton  
 Wendell Benjamin Sims, Chicago, Ill.  
 Michael David Sitter, Newark  
 Barry James Snider, Columbus  
 John Leland Spiegel, Bucyrus  
 Edward Francis Spiers, Columbus  
 Maude Ann Spindler, Hilliard  
 Clifford Ross Spott,  
 University Heights  
 Lee Henry Taylor, Walker, W. Va.  
 Thomas Walter Taylor, Columbus  
 William Andrew Tomko, Columbus  
 Marvin Gerald Tossey, Columbus  
 Jeffrey Thomas Traylor, Westerville  
 Christine Yvonne VanConey,  
 Cincinnati  
 John Michael Vermilya, Clayton  
 Edwin Arthur Violet, Columbus  
 Elaine Lafontaine Wagner, Carey  
 Mary Kay Wagner, Oregon  
 Roberta Franklin Wall, Columbus  
 Jon Carlton Ward, Springfield, Mass.  
 Roni Sue Weingarten,  
 Woodmere, N. Y.  
 Trevor Joseph Zahara, Bucyrus  
 Calvin Dean Zamansky,  
 University Heights

### Bachelor of Science

Fifteen candidates

Albert Lewis Boyer, Columbus  
 James William Fisher, North Olmsted  
 Steven Harvey Hirsch,  
 Pittsburgh, Pa.  
 John William Honabarger, Coshocton  
 Lawrence Herbert Hoover, Columbus  
 Ronnie Joe Jones, St. Marys  
 Inese Neiders Kreinbring, Westerville  
 Comer Awood LaRue, Gallion  
 George Duncan Macdonald,  
 Evanston, Ill.  
 Brian Lawrence Maze, Columbus  
 Peter Raymond Peirce, Toledo  
 Barry Michael Riley, Newark  
 Mark Edward Rodman, Buffalo, N. Y.  
 Dale Gregg Romanik,  
 Middleburg Heights  
 Priscilla Eileen Yosick,  
 New Philadelphia

### Bachelor of Arts in Journalism

Eight candidates

Ted Arthur Beattie, Coshocton  
 Thomas Huston Hardy, North Canton  
 Carol Ann Lease, Fremont  
 Stanley Earl McIlvaine,  
 New Philadelphia  
 Ronald Frederick Meyer,  
 Howard Beach, N. Y.  
 Rae Ellen Michael, Columbus  
 Samuel Chenowith Reed, Columbus  
 Amy Elise Richards, Lakewood

<sup>1</sup> Also Bachelor of Science in Education,  
 College of Education

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

One hundred and seven candidates

Steven Mark Adelson, Pittsburgh, Pa.  
Richard Earl Ary, Jamestown  
Russell John Athey, Euclid  
Jeffrey Payne Bauman, London  
LaMarr Kenneth Baxter, Jr.,  
Columbus  
Ivan Becker, Union, N. J.  
Dwight Douglas Benecke, Marysville  
Gary Leon Billiet, Columbus  
Thomas Joseph Blabey, Jr., Lagrange  
Charlotte Ann Bomar, St. Clairsville  
Henry Borisenko, North Olmsted  
Donald Bowers, Hudson  
James Melvin Buskirk, Galion  
Arthur Charles Cavazzi,  
Eastchester, N. Y.  
Gene Arthur Christie, Kenton  
Maurice Joseph Condon,  
Fairview Park  
Richard Stephen Cook, Williamsport  
Robert Maxwell Corotis, Columbus  
David Lee Cotton, Columbus  
James Walter Darling, Newark  
James Lee Deutchman,  
Shaker Heights  
Donaldson Dodge, Newport, R. I.  
Edward Herman Donselman,  
Aurora, Ind.  
Richard Urban Drennen, Jr.,  
Springfield  
Daniel George Dunstan, Elyria  
Walter James Durrett, Columbus  
Michael Alan Eckhart, Columbus  
Preston Leroy Eisnagle, III,  
Gallipolis  
Lon Charles Elliott, II, Cincinnati  
Richard Lee Emerson, Coshocton  
William Francis Federer, Columbus  
Charles Westley Francus, Fairborn  
James Stephen Frank, Dayton  
James Leo Franklin, Columbus  
Douglas Lee Garber, Mansfield  
Alan Thomas Graham, Parma  
John Ronald Green, Groveport  
Robert Carl Guiler, Columbus  
Douglas Merle Harbour, Columbus  
Richard Bruce Harpster, Wooster  
Harold Allen Harshbarger,  
Jackson Center  
David William Heiss, Cincinnati  
Dennis Joseph Herbst, Euclid  
Stephen James Hidegkuti, St. Marys  
Kenneth William Hing, Delaware  
Gary Stephen Huenke, Lima

Paul Douglas Isaacs, Hamilton  
David Emlyn Jones, Youngstown  
Samuel Kornhendler Kaye,  
South Euclid  
David Herman Kessler,  
University Heights  
Young Shik Kim, Seoul, Korea  
Kent Norman Kirkham,  
East Liverpool  
Susan Unkefer Knox, Minerva  
Raymond Edward Koliander,  
Endicott, N. Y.  
Sara Jane Korn, Zanesville  
Joseph William Kraft, Newark  
Richard Anthony Kruzer, Cleveland  
René Sharleen Kulow, Columbus  
Dwayne Eugene Leininger, Archbold  
Thomas Jay Lewis, Hilliard  
Richard Alan Lubner, Adena  
Charles Lawrence Mahaffee, Canton  
Lyn Patrick McArdle, Columbus  
Lester Howard McGrath, Columbus  
Joachim Anthony Miceli, Columbus  
Ray Irwin Michel, Youngstown  
Duncan Holliday Miller, Mentor  
Charles Lewis Mitchell, Ridgeway  
Larry Linton Mizell, Galion  
Steven Francis Monahan, Columbus  
Brian Martin Murray, Sandusky  
Richard Leroy Naughton, Painesville  
William Darrell Nicely, Mogadore  
James Terence Nicholson, Barberton  
Hayden Scott Noble, Galion  
Fredrick Raymond Nutini, Columbus  
Jack Richard Oller, Bay Village  
Eddie Lee Perry, Cleveland  
Lawrence Edward Petrusek, Akron  
Charles Wesley Pfum, Kettering  
Norman John Phelps, Westerville  
Charles Manning Pinkston, Hudson  
Michael John Playcan, Euclid  
Steve Edward Pollack, Cleveland  
Nicki Mott Potts, Mansfield  
John McDonald Ramer, Piqua  
Dana Camp Reedy, Columbus  
Frederick Michael Reske,  
Detroit, Mich.  
Gerald Lee Rhodes, Jefferson  
John Charles Ries, Columbus  
Ann Marie West Rinehart, Galion  
Richard Curtis Rings, Columbus  
Alvin Barry Rosenblum, Skokie, Ill.  
Jack Rothstein, Bay Shore, N. Y.  
Michael Hyland Sause, Youngstown  
Mary Ann Schuller,  
Middleburg Heights  
Don Emil Seidelmann, Columbus  
Martin Wayne Seitz, Galion  
Thomas Herbert Sibert, Columbus

Michael William Spicer, Columbus  
Ronald Alan Tomezyk, Cleveland  
William D. Turner, Columbus  
Thomas Ray Weaver, Shelby  
James Widener, Columbus  
Donald Nelson Williams, Mt. Gilead  
Darrell Alan Young, Cleveland  
Iraj Zand, Tehran, Iran

### School of Social Work

#### Bachelor of Science in Social Welfare

Nine candidates

Randall Paul Bernsdorf, Columbus  
Barbara Jean Bonifas, Delphos  
Linda Ann Bossart, Columbus  
Jerome Paul Grudzien, Mentor  
George Michael Nader, Mansfield  
Richard Backus Parry, Jr.,  
Oradell, N. J.  
Leonard Stephen Thomas, Cincinnati  
Marilyn Stephenson Warner,  
Columbus  
Sharon Ann Wiklinski, Columbus

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Sixty-six candidates

Phyllis Jean Ackerman, Lewisville  
Daniel Bryce Aston, Cincinnati  
Ralph Wilson Aumick, Wallkill, N. Y.  
Bruce Clayton Bachtel, Columbus  
B.A. (Marquette University)  
Richard John Bare, Canfield  
David Clarence Bates, Wauseon  
Richard Clair Betts, Wellington  
John Justin Blanchard, Jr., Loudonville  
William Victor Bouch, Toms River, N. J.  
Raymond Edward Brentlinger, Dayton  
Doyle Alan Brower, Eaton  
Karl Eugene Buckingham, Greenville  
James Leroy Burns, Belpre  
Michael Peter Chaky, Parma  
James Ernest Clever, Croton  
Andrew Joseph Dalmy, Columbus  
William Lee Dillon, West Alexandria  
Robert Anthony Dixon, Gahanna  
Frank William Doherty, II, Columbus  
James Lester Doran, Jr., New Albany  
Richard Lowell Frobose, Pemberville  
James Albert Garrett, Lebanon  
Joachim Vincent Golz, Akron  
Jay Walter Gooch, Coudersport, Pa.  
David Kenneth Goodwin, Blanchester  
David Holbrook Harris, Cleveland Heights  
Paul Eugene Houdashelt, Plain City  
George Edward Hull, Greenfield  
David Edward Johnson, West Jefferson  
Terrence Warren Johnson, Elmhurst, Ill.  
Howard Lee Kautz, Castalia  
James Wilcox Kessler, Bowie, Md.  
William Kirk Lindsay, Columbus  
Donald Keith Linnabary, Sunbury  
James Joseph Lorz, Lockbourne  
Louis George Luempert, Cleveland  
Kenneth Louis Lynch, Naugatuck, Conn.  
David Grant Marburger, Columbus  
Philip Michael Marriott, Granville  
Robert Alan Milligan, Columbus  
Terry Chal Myers, Dover  
John Patrick Nolan, Wakeman  
Frederick Marshall Owen, Hilliard  
Lance Harry Penhale, Piscataway, N. J.  
Thomas Elliott Peters, Lockbourne  
John Alexander Reeves, Pine Grove, Ont., Canada  
Richard Micheal Reynolds, Wayne

Jeffrey Lynn Roberts, Zanesville  
William John Scheg, Jr., Rochester, N. Y.  
Roger Warren Shinabarger, Dayton  
Richard Carl Shisler, Dalton  
Charles Richard Smith, Lancaster  
Joseph Marsh Smucker, Orrville  
Allen Grant Squire, Burton  
Kenneth Robert Strausbaugh, New Washington  
Joel Adrian Tavormina, Elizabeth, N. J.  
Gregory Lee Thompson, Zanesville  
David Paul Urwin, Waverly  
Mark Donald Vandigo, Willowick  
Robert Allen VanWinkle, Westerville  
Robert Louis Vogel, New Lebanon  
Zane R. Walker, Hillsboro  
Martha Nell Watford, Elyria  
Ronald William Wilson, Brookville  
Richard Edward Wolf, Creston  
Donald Lee Yarnell, Lowell

### Bachelor of Science in Nutrition

One candidate

Paul Lewis Hughes, Columbus

### School of Home Economics

#### Bachelor of Science in Home Economics

Twenty-nine candidates

Karen Devor Ailes, Columbus  
Deborah Dolson Alexander, Lancaster  
Aleta Lee Anthony, Columbus  
Mary Ann Crone, Columbus  
Patricia Susan Eisenmann, Valley City  
Linda Lee Finn, Columbus  
Nancy Louise Gain, Columbus  
Pamela Ertley Galbreath, Columbus  
Samara Lou Hock, Columbus  
Nancy Ann Knight, Edon  
Patricia Margaret Krzanowski, Streetsboro  
Jacqueline Ellenor LaMuth, Painesville  
Cheryl Ann Lusk, Columbus  
Catherine McCloskey Penrod, Columbus  
Sandra Lynn Pochedly, Mantua  
Betty Cox Potts, Columbus  
Mary Bussert Presnell, Harrisburg  
Janet Deeds Reese, Rawson  
Deborah Louise Rowe, Columbus  
Trudy Ann Schiller, Shadyside  
Eileen Skirball, Sandusky  
Jean Keppy Spero, Columbus  
Paula Jo Strang, Gahanna  
Patricia Ann Sturtevant, Worthington  
Jill Virginia Trytek, Parma  
Shirley Evon Walters, Columbus  
Linda Long Willis, Columbus  
Patricia Ann Winters, Columbus  
Ann Phillips Wollenzien, Rising Sun

<sup>1</sup> Also Master of Science, Graduate School

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Two hundred and sixty-one candidates

Gary Michael Albert, Cincinnati  
Mark James Amrhein, Toledo  
Marilyn Patricia Anderson, Columbus  
Daniel Edward Andreas, Sugarcreek  
Frances Joseph Anthony, Columbus  
Marilyn Jean Arnold, Sandusky  
Mary Christine Arnold,  
Indianapolis, Ind.  
Peter Ryley Arnold, Columbus  
Rita Botchie Auckerman, Columbus  
Virginia Gieseking Babcock, Ashland  
Phyllis Zuchowicki Babich, Cincinnati  
Susan Kathleen Ballantyne, Columbus  
Jennifer Marie Barch, Columbus  
Dorothy Boyd Barnes, Columbus, B.A.  
Mary Ellen Barnett, Berea  
Barbara Sue Bates, Dayton  
Nanci W. Baum,  
Manhasset Hills, N. Y.  
Susan Cleator Beaty, Columbus  
Linda S. Becker, Whitehall  
Carol Belfer, Cleveland Heights  
Marilyn Jeanette Bender, Prospect  
Brian Michael Benko, Cuyahoga Falls  
Judith Kay Bennett, New Paris  
Celia Sue Bessel, Middletown  
Dennis Lynn Billingsley, Columbus  
Ronald Lewis Bish, Columbus  
Pamela Black, Chagrin Falls  
Patrick Ray Blair, Proctorville  
R. Louise Blair, Columbus  
Randall George Bohnlein, Delphos  
David Allen Boor, Shelby  
Marian Seder Bounous, Columbus  
Lynne Dahlborg Braund, Columbus  
Cheryl Call Brodbeck, Peebles  
Steve Duane Burger, Columbus  
Benetta Ann Burton, Canton  
David Ray Busch, Ostrander  
Kathleen Marie Bytsura, Seven Hills  
Nancy Jo Catena, Columbus  
Dwayne Eugene Channell, Senecaaville  
James Joseph Chrisman, Sidney  
Ellin Sue Ciralsky, Toledo  
Lois Cohen, Passaic, N. J.  
Lisa Somma Cole, Cuyahoga Falls  
Nancy Winninger Collins, Columbus  
Gary Cook, Mt. Vernon  
Cheryl Polster Cooper, Columbus  
Joanne Gail Coopersmith, Columbus  
Constance Ann Coutts, Ashtabula  
Barbara Kay Curry, Springfield  
Eva Pierce Davis, Columbus  
Marcy Wickliff Davis, Columbus  
Susan Krupp DeBauche, Columbus

Barbara Lydon Debevec,  
Fairview Park  
Cheryl Kay Decker, Columbus  
William Charles Decker,  
Canal Fulton  
Katina Catherine Demis, Navarre  
Dolores Perry Depoy, Columbus  
Cheryl Teresa DiBenedetto,  
Bay Village  
Kathleen Dickason, Wellington  
Bernadette Yvonne Dickerson,  
Columbus  
Erwin Diener, Mansfield  
Janie Wilkes Dippold, Columbus  
Shirley Pillsbury Duffy, Worthington  
Shirley Bell Dunahugh, Columbus  
Robert Allen Eisenhart, Worthington  
Mary Louise Elmore, Hillsboro  
Barbara Ingle Emerick, Dayton  
Connie Goodballet English, Fairborn  
Jeanne Marie English,  
Jenkintown, Pa.  
Deborah Ruth Evans, South Euclid  
Kathleen Marlyn Fagan, Columbus  
Ellen Reva Fast, Columbus  
Donna Louise Fellure, Baltimore  
Hollis Enid Ferrell, Cleveland Heights  
Glenn Sam Ferrone, Maple Heights  
John William Flickinger, Westerville  
Philip Darius Forsythe, Columbus  
Marge Beth Friedman, Oil City, Pa.  
Marie Suzette Teresa Gallo, Cleveland  
Sybil Ann Gano, Martinsville  
Leslie Lee Gatton, Vandalia  
Mary Lou Gephart, Grove City  
Jeffrey Alan Gibbs, Pomeroy  
James Ellsworth Gibson, Mansfield  
Joy Diane Gilbert, Minford  
Sharon Rae Goldberg, Columbus  
Helene Grau, Springfield, N. J.  
Cheryl Lynn Graves, Postoria  
Stephanie Ann Grodell, Columbus  
Carol Joanne Grogan, Columbus  
Paul Munn Gross,  
Chatham, Ont., Canada  
Joyce McLaughlin Hale, Englewood  
Cynthia Barnes Hanna, Brunswick  
Carol Moring Harper, Lewis Center  
David Earl Harper, Elyria  
Laurie Gay Harris, Utica, N. Y.  
Gene Ulmont Harvey, Columbus  
Marsha Kay Hatfield, Chillicothe  
Jeffrey Lynn Hawkins, Canton  
Andrea Lynn Heinlen, Wauseon  
Edwin Stewart Heminger,  
Belle Center  
Diane Valentino Henceroth,  
Grove City  
Saundra Sue Henricks, Bryan

Hilary Ann Henry, Jackson  
Lois Hartigan Hilsman, Hilliard  
Dianne Lee Hoberhour, Lima  
Miriam Wilson Holtshouse, Bucyrus  
Thomas Michael Holtshouse, Bucyrus  
Dennis Eugene Hooper, Findlay  
Nancy Ann Houser, Columbus  
Bonnie Claire Howell, Russells Point  
William Everett Hubbell, Pataskala  
Louis LaMond Hunt, Jr., Tiffin  
Kathryn Corry Huston, Springfield  
Joan Elisabeth Husum, Toledo  
Barbara Jean Hysell, Worthington  
Donald Cletus Icsman, Sandusky  
Harriet Carol Isralow,  
Richmond Hill, N. Y.  
Bruce Allen Jacobs, South Euclid  
Janice Lou Jeffers, Worthington  
Fern Ronnie Kaplan, Westbury, N.Y.  
Linda Mary Kaplan, New Orleans, La.  
Mara Kaugurs, Parma Heights  
Dorothy Vojtek Kerr, Euclid  
Elizabeth Holcomb Kerr, Troy  
Ralph David Kessler, Newark  
Marjorie Lust Kienle, Columbus  
John Carl Kies, Wapakoneta  
Nedra Seaman Kimmel, Xenia  
Ella Sue Kirk, Columbus  
Patricia Sapp Kissel, Columbus  
Louanne West Knack, Newark  
Nora Ann Knowles, Columbus  
Catherine Wittmann Kohen, Galloway  
Ian Mitchell Krieger, Cleveland  
Maureen Beth Kursh, South Euclid  
Susan Pritchard Lande, Cleveland  
B.A. (Hiram College)  
Darryl Charles Lanker, Mt. Gilead  
Janice Susan Lave, Parma  
Carol Wilson Lawrence, Columbus  
Karen Olmstead LeGates, Canton  
Linda Iler Lenick, Bucyrus  
John Michael Levan, Shelby  
Deborah Elizabeth Longino, Cleveland  
Janis Williams Lorensen, Yeaton, Pa.  
Jean Cox Lorz, Columbus  
Linda Irene Lossee, Andover  
Roberta Susan Love, Canton  
Ellen Wackman Loveless, Columbus  
Oscar Richard Lundy, Columbus  
Linda Lou Marburger, Columbus  
Martha Ang Maxwell, Beach City  
Mary Rita Maxwell, Marion  
Diana Wagoner McFadden,  
Chillicothe  
Mary Rowley Miller, Marion  
Susan Antoinette Miller, Cleveland  
Samuel Edward Moore, Columbus

<sup>1</sup> Also Bachelor of Arts, Colleges of the Arts and Sciences

Sandra Gail Moore, Groveport  
 Patricia Stephanian Morris,  
 Birmingham, Mich.  
 Raymond Michael Morris, Hillsboro  
 Sophia Anne Mosca, Hollsopple, Pa.  
 Rhonda Jean Mott, Troy  
 Earl Murry, Columbus  
 Trudy Ann Nedelka, Salem  
 Vicki Lynn Nielsen, Maple Heights  
 Michael Alan O'Neil, Lexington  
 Patricia Jo Orban, Tiltonsville  
 Susan Ann Ornstein, Cleveland  
 Judith Kay Parker, Bellefontaine  
 Susan Haas Pearch, Akron  
 Jamie Dee Pellar, Highland Park, Ill.  
 Gary Wayne Perkins, Xenia  
 Robert Theodore Peterson,  
 Avon, Mass.  
 John Ward Petru, Columbus  
 George Myron Pettit, Columbus  
 Susan Lee Pinnegar, London  
 Charlene Ann Podoske, Columbus  
 Harry William Pollitt, Dayton  
 Eugene Walter Popiel,  
 Windsor, Ont., Canada  
 Donald M. Price, Lexington  
 Susan Greenwood Pridemore,  
 East Liverpool  
 Hubert Joseph Pries, Lexington  
 Keith Lee Putnam, Conover  
 Linda Kay Ragan, Columbus  
 Stewart Phillip Randall, Columbus  
 Stanley Reimer, Shaker Heights  
 Harold Herbert Reinbolt, Gibsonburg  
 Jane Ellen Retske, Dayton  
 Alma Jean Riley, Columbus  
 Claudia Werner Rinkov, Cincinnati  
 John Robert Rittenhour, Bucyrus  
 Dinah-Paige Robinson, Columbus  
 Thomas John Robinson, Akron  
 Frank Vincent Romano,  
 Maple Heights  
 Susan Anne Saks, Cleveland  
 Sandra Jean Sandrock, Massillon  
 Susan Gail Schardien,  
 Ocean Grove, N. J.  
 Carolyn Bontrager Schlett, Columbus  
 Sharon Alice Seiverth, Warrensville  
 Suzanne Gleason Shadonix,  
 Youngstown  
 Linda Bless Shaevitz, Columbus  
 Patricia Ann Shaw, Dayton  
 William Russell Sheward, Jr., Jackson  
 Ralph Edwin Shibley, Jr., Columbus  
 Annette Mae Shroyer, Kettlersville  
 Linda Marcia Shub, Cleveland Heights  
 Eileen Dratler Shubert, Lyndhurst  
 Christine Ellen Simcox, Columbus

Jo Ann Chegar Skinner, Warren  
 Cheryl Anita Small, Cleveland  
 Rosemary Jane Smolik, Cleveland  
 Allan John Spilker, Columbus  
 B.S. in Bus. Adm.  
 Paul Lee Spitzer, Columbus  
 Carol Lynn Spohn, Newark  
 Danny Edwin Steele, Columbus  
 Rosemarie Bernadette Steger,  
 Columbus  
 Raymond Alan Steinmetz,  
 North Ridgeville  
 Richard Ulen Stephens, Hillsboro  
 B.A.  
 Nancy Ann Hall Stiller, Wichita, Kan.  
 Joanne Kotoff Stocker, Columbus  
 Curtis William Stoldt, Norwalk  
 Frederick Arnold Strine,  
 San Mateo, Calif.  
 Robert Marion Stumpf, Columbus  
 Catherine Frances Surgenor,  
 Steubenville  
 Edward Louis Taris, Columbus  
 Mary Rosanne Taylor, Richwood  
 Paul Franklin Telthorster, Columbus  
 Walter Phillip Thomas, Columbus  
 Lola Jean Thornton, Wellington  
 Anna Jane Thurman, Columbus  
 Jacquelyn Clare Tilton, Newark  
 Michael Paul Tracy, Columbus  
 Shirley Ann Tropek, Lima  
 Sylvia Maddox Tyus, Worthington  
 Deborah Rae Wagan, Akron  
 Linda Katherine Waggoner, Columbus  
 Elaine Lafontaine Wagner, Carey  
 Nancy Ray Webb, Lancaster  
 Terry Joseph Weber, Mt. Gilead  
 Mary Carran Webster, Chagrin Falls  
 Kenneth Charles Weiss, Cleveland  
 Deborah Dee Wells, Newark  
 Earl Marlyn Welsh, Grove City  
 Geneva Lorine White, Columbus  
 Jane Hutson White, Ashland  
 Frederick Graham Whitehill,  
 Lakeview  
 Clark Wingett Wideman, Columbus  
 Virginia Elizabeth Wilcox, Galion  
 Juanita Purdy Wilkins, Lima  
 Mark Alan Williams,  
 Eastchester, N. Y.  
 Cheryl Frances Wilson, Columbus  
 Lynne Francine Wolf, Cleveland  
 William Harry Wolfe, Toledo  
 Katherine Williams Wright, Napoleon  
 Robert Lawrence Wright, Columbus  
 Sharon Schmelling Wylie, Columbus  
 B.A. (University of North Dakota)  
 Shelley Frances Zappa, Reynoldsburg  
 Sharon Kay Zehner, Loudonville

Richard Donald Zollett,  
 University Heights  
 Nancy Ellen Zweig, Rochester, N. Y.

### **Bachelor of Art Education**

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

Seventeen candidates

Phyllis Jones Campbell, Columbus  
 Lynn Fischer Cook, Bucyrus  
 Pamela Jean Eisenmann, Valley City  
 Thomas Alva Etter, St. Marys  
 Claudette Hecker Fitts, Cleveland  
 Barbara Kay Garrison, Mansfield  
 Richard Henry Grinstead, II,  
 Columbus  
 Joyce Emogene Hall, Reynoldsburg  
 Susan Lee Heckman, Columbus  
 Jeanette Levin, Toledo  
 Robin Loraine Mantle, Columbus  
 Diane Lynn Muranke, Maple Heights  
 Sue Ann Reuter, West Jefferson  
 Jacquelyn Smith, Columbus  
 Salley Ameter Stofa, Bryan  
 Rebecca Kay Studer, Strasburg  
 Beverly Ann Warshaw, Atlanta, Ga.

### **Bachelor of Music Education**

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

Three candidates

David Leonard Carvin, Bethesda  
 Karl Michael Veverka, Lakewood  
 Katie Jo Wilson, Circleville

<sup>1</sup> Also Bachelor of Arts, Colleges of the Arts and Sciences  
<sup>2</sup> Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

Two candidates

- <sup>1</sup>Hudson Lee Conley, Jr., North Canton
- <sup>1</sup>Alan Pedro Orizondo, Columbus

### Bachelor of Science in Aeronautical and Astronautical Engineering

Nine candidates

- Terrill Lee Bardwell, Berea
- Daniel Arthur Barrow, Ellicott City, Md.
- Ronald Anthony Bedell, Portsmouth, N. H.
- Thomas Paul Cerjak, Cleveland
- Charles David Hensley, Cincinnati
- William Joseph Kohowski, Youngstown
- Roger John Kremer, New Bremen
- Neil George Siebenhar, Columbus
- Rudolf Weber, New Philadelphia

### Bachelor of Science in Agricultural Engineering

Five candidates

- Phillip Charles Badger, West Salem
- Glendon Duane Deal, Chandlersville
- Kenneth Thomas Kamenik, Perrysville
- David Mark Kettunen, Andover
- John Bruce Pickens, Strongsville

### Bachelor of Ceramic Engineering

One candidate

- Harold David Prior, Jr., Gahanna

### Bachelor of Science in Ceramic Engineering

Two candidates

- Dennis John Guca, Columbus
- Randy Owen Knapp, Lexington

### Bachelor of Chemical Engineering

One candidate

- Charles Scott Joubanc, Zanesville

### Civil Engineer

One candidate

- Joselino Josue Brillantes, Quezon City, Philippines
- B.S. (National University, Manila)

### Bachelor of Civil Engineering

Two candidates

- Terry Lee Johnston, Columbus
- <sup>1</sup>John Carl Warns, Walbridge

### Bachelor of Science in Civil Engineering

Five candidates

- John Hugh Hancock, Grove City
- Douglas Neil Johnson, Xenia
- Ronald David Nash, Columbus
- Alan Ray Rose, Columbus
- Floyd Eugene Weddell, Warren

### Bachelor of Science in Computer and Information Science

Eleven candidates

- Larry Donald Chandler, Mansfield
- Robert Earl Dome, Lucas
- Richard Lloyd Dudley, Columbus
- Charles William Frank, Crestline
- Martin John Haas, Homerville
- James Russell Hofacker, Marion
- <sup>1</sup>Alan Pedro Orizondo, Columbus
- Robert Joseph Rupp, Cleveland
- Craig Irwin Ryder, Columbus
- Robert George Shondel, Clinton
- Robert Gerald Short, Dayton

### Bachelor of Electrical Engineering

One candidate

- James Greenlees Good, Marietta

### Bachelor of Science in Electrical Engineering

Fifteen candidates

- Larry Eugene Carter, Ansonia
- Stanley Allen Engel, Cleveland
- Lowell Harold Feichter, North Lawrence

- John Gregory Frank, Columbus
- Jack Earl Hatfield, Columbus
- William Bailey Henne, Jr., Canton
- Daryll Edward Moravek, Pickerington
- Michael Allen Poirier, Columbus
- Philip Beryl Rabin, Birmingham, Ala.
- David Charles Rader, McComb
- James Edward Steenbergen, Xenia
- Chak Lam William Szeto, Kowloon, Hong Kong
- David John Tomcik, Columbus
- David Bruce Trego, North Hampton
- Thomas Edward Young, Lakewood

### Bachelor of Industrial Engineering

Three candidates

- Ralph Russell Darby, Columbus
- Neal Robert Milnor, Columbus
- John Charles Westervelt, Westerville

### Bachelor of Science in Industrial Engineering

Eleven candidates

- William Fearn Bohannon, Jr., Columbus
- David Robert Dunn, Erie, Mich.
- Victor James Gallese, Bedford
- George Dennis Hostetler, Plain City
- Ezra Katz, Cleveland Heights
- Jan Herbert McNeal, Chillicothe
- Phillip Gregory Mullins, Columbus
- John Benjamin Murphy, Columbus
- Kenneth David Nolan, Columbus
- Terry Dale Oates, Chagrin Falls
- Arthur William Wenzel, Valley City

### Bachelor of Mechanical Engineering

Seven candidates

- Damon Nelson Christian, Hinckley
- Walter Wayne Eberhard, Grove City
- <sup>1</sup>James Edwin Evans, Reynoldsburg
- <sup>1</sup>Steven Cameron Goddard, Columbus
- <sup>1</sup>Douglas J. Niemeyer, Sidney
- Gary Lee Schulte, St. Marys
- James Michael Upchurch, Columbus

<sup>1</sup> Also Master of Science, Graduate School

## College of Medicine

Dean: John A. Prior, M.D.

### Bachelor of Science in Mechanical Engineering

Nine candidates

Stephen William Beekman, Cincinnati  
Robert Wayne Bell, Mt. Perry  
Charles William Morrow, Jr.,  
Columbus  
Charles Luther Ohrstedt, Columbus  
Donald Vernon Schieser, Columbus  
Rodney Blanchard Snyder, Lewisburg  
John Arthur Turner, New Bremen  
David Allen Wilson, Akron  
Howard Edmund Wolff, Medina

### Bachelor of Science in Physics

One candidate

Glenn Allen Mayfield, Akron

### Bachelor of Science in Engineering Physics

Three candidates

Dean Francis Cornwell, Oberlin  
Thomas Edward Fife, Columbus  
Edward Peter Skintik,  
Lakeside Marblehead

### School of Architecture

#### Bachelor of Architecture

One candidate

Charles Ralph Witherspoon, Minerva

#### Bachelor of Landscape Architecture

One candidate

Deborah Kay Yale, Waynesfield

### Doctor of Medicine

One candidate

William Charles Conrad, III,  
Toledo, B.A.

### School of Allied Medical Professions

#### Certificate of Nurse Anesthetist

Two candidates

John Chapman Kastor, Columbus  
Marian Huitema Packer, Goshen, Ind.

### School of Nursing

#### Bachelor of Science in Nursing

Thirty-two candidates

Nancy Ann Bender, Streetsboro  
Mary Jane Beshara, Bedford  
Jeanne Louise Culver, Akron  
Linda Denholm Curtiss,  
Pittsburgh, Pa.  
Susan Kay Fisher, New Philadelphia  
Carol Lyn Fortey, Lakewood  
Michele Ann Galich, Girard  
Marjorie Eppig Hink,  
Cleveland Heights  
Rosalie Ann Hirzel, Toledo  
Phyllis Joan Idle, Wapakoneta  
Helen Jacobson, Toledo  
Rose Duffy Jenkins, Wooster  
Sondra Ann Johnston, East Liverpool  
Jean Hamilton Joubanc,  
Cleveland Heights  
Karen Kay Kirby, Prospect  
Cheryl Alise Lancaster, Hamilton  
Janice Scheuffer Lanich, Kirtland  
Margaret Lancker Lutz, Columbus  
Doreen Cheryl Mamula, Steubenville  
Julia McClure Meeks,  
Washington Court House  
Margaret Ann Merva, Pittsburgh, Pa.  
Patricia Marie Nalodka, Toledo  
Karen Louise Painter, Chardon  
Patricia Fisher Phillips, Baltimore  
Mary Ann Reeder, Columbus  
Marlene Jeanette Rhoads,  
Waynesburg  
Donna Orellana Sullivan, Cleveland

Beth Elaine Thomas, Spencerville  
Sandra Louise Trainer, Medina  
Judith Deeds Tuttle, Nashport  
Susan Miller Wamsher, Sylvania  
Karen Taylor Wonn, Columbus

## Graduates with Honors

### Summa Cum Laude

Karen Devor Ailes, Columbus  
Lynne Dahlborg Braund, Columbus  
Dwayne Eugene Channell, Senecaville  
Barbara Kay Curry, Springfield  
Carol Lyn Fortey, Lakewood  
Sara Jane Korn, Zanesville  
Carol Wilson Lawrence, Columbus  
Linda Irene Lossee, Andover  
Charles William Morrow, Jr.,  
Columbus  
Judith Kay Parker, Bellefontaine  
Eileen Dratler Shubert, Lyndhurst  
Jean Keppy Spero, Columbus  
Rosemarie Bernadette Steger,  
Columbus  
Beth Elaine Thomas, Spencerville  
<sup>1</sup> Elaine Lafontaine Wagner, Carey  
Juanita Purdy Wilkins, Lima

### Cum Laude

Susan Kathleen Ballantyne, Columbus  
Christine Anne Billings, Brecksville  
Pamela Black, Chagrin Falls  
R. Louise Blair, Columbus  
Barbara Abby Brown, Arlington, Va.  
<sup>2</sup> James Joseph Chrisman, Sidney  
Rita Anne Delciello, Columbus  
James Edwin Evans, Reynoldsburg  
Lowell Harold Feichter,  
North Lawrence  
Arthur Gregory Frazier,  
Cuyahoga Falls  
Leslie Lee Gatton, Vandalia  
Steven Cameron Goddard, Columbus  
Michael Atwood Huffenberger,  
Wilmington  
Kathryn Corry Huston, Springfield  
David Emlyn Jones, Youngstown  
Marjorie Lust Kienle, Columbus  
Inese Neiders Kreinbring, Westerville  
Rene Sharleen Kulow, Columbus  
Carol Ann Lease, Fremont  
Diane Duemmel Mallory, Columbus  
Steven Dale Meltzer,  
Great Bend, Kan.  
Michael Lee Miller, Harrisburg  
Neal Robert Milnor, Columbus  
Harold David Prior, Jr., Gahanna  
Linda Lou Puckett, Kettering  
Alan Ray Rose, Columbus  
Robert Joseph Rupp, Cleveland  
Mark William Sheehan, Houston, Tex.  
Maude Ann Spindler, Hilliard  
Joanne Kotoff Stocker, Columbus  
Robert Marion Stumpf, Columbus  
Donna Orellana Sullivan, Cleveland  
Thomas Walter Taylor, Columbus  
David Wayne Townsend, Columbus  
Christine Yvonne VanConey,  
Cincinnati

<sup>1</sup> Elaine Lafontaine Wagner, Carey  
Marilyn Stephenson Warner,  
Columbus  
Douglas Albert Wemmer,  
Battle Creek, Mich.

### Summa Cum Laude and with Distinction in Political Science

Carl Byron Fry, Columbus

### Cum Laude and with Distinction in History

Tunney Lee King, Columbus

### Cum Laude and with Distinction in Horticulture

George Edward Hull, Greenfield

### Cum Laude and with Distinction in Mathematics

George Edward Becker, Lima

### With Distinction in Economics

Michael William Spicer, Columbus

### With Distinction in Entomology

Kristine Lynne Supik, Brecksville

<sup>1</sup> Bachelor of Science in Education, College of Education (summa cum laude)  
<sup>2</sup> Bachelor of Arts, Colleges of the Arts and Sciences (cum laude)  
<sup>3</sup> Bachelor of Science in Education, College of Education (cum laude)  
<sup>4</sup> Bachelor of Arts, Colleges of the Arts and Sciences (cum laude)

Page 398 Blank

Page 399 Blank

Page 400 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 15, 1971

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, John G. Ketterer, in a special meeting on Monday, March 15, 1971, at 1:30 p.m.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

March 15, 1971 meeting, Board of Trustees

The Chairman, Mr. Ketterer, opened the meeting with the following statement:

This meeting was called for the purpose of taking action on President Fawcett's retirement which he announced at the March 5, 1971 meeting of the Board of Trustees.

Mr. Shocknessy spoke as follows before presenting a resolution on President Fawcett's retirement:

Members of the Board:

I have before me a resolution prepared to be offered in fulfillment of the purpose President Fawcett mentioned at our last meeting. Before I proceed any further I would like to incorporate by reference in what I have to say the very fine, wholesome tribute which the Chairman of the Board paid President Fawcett at the last meeting. We were all taken by surprise and I know the sentiments expressed by the Chairman were spontaneous and came from his heart.

I have served on this Board now longer than anyone except the Chairman. I came to this Board not as an alumnus of this University, but as one who has known the University throughout his life and who had always respected this University as perhaps the most important activity our state conducts. I didn't know President Fawcett well when I came to this Board, but I have come to know him over the years of my service on this Board as a really good man. So frequently these days we fail to mention when we appraise a man that he is a good man. President Fawcett is before all things a good human being. I have learned in the years that I have worked with President Fawcett that he is never actuated by selfish motives right down to and through his letter telling us he would like to retire. In his letter saying he would like to retire, the President told us that a time came in the history of an institution when the head man should provide for an orderly change of the guard, an orderly passing of responsibility. His being actuated that way is typical of everything I have experienced in dealing with him.

Something that people don't often know is the closeness of President Fawcett to our students. I think because we have so many students that students are likely to think administrators are far, far away. But I could mention numerous times when President Fawcett has spoken to me in behalf of some boy or some girl who could be helped one way or another by something that he or we might do. I come to this resolution so reluctantly. I don't have my heart in it, but President Fawcett is entitled to respect of his wish to retire. I am not going to say that he is entitled to give up his interest in the University. President Fawcett is just retiring from the Presidency. President Fawcett will be with us as President until the date he has chosen for retirement and he will be with us thereafter, I hope, as the kindly, wise administrator-adviser that we will need and that his successor will need.

March 15, 1971 meeting, Board of Trustees

I am not going to recite all the accomplishments of President Fawcett during the years he has been at the University. The years that he has been at this University have been the years of its greatest progress. This University has come to the time of fulfillment in the years of Novice Fawcett. The Fawcett years, when they are recorded, are going to be known as the years of great change, great development, and at the same time, years when stability was maintained at this University. We, as trustees, have every right to be proud of the record of the University in the Fawcett years, and we are grateful to President Fawcett for all he has meant to this University. The University is only as great as its students, its faculty, and its administrators. A great institution is always characterized by the man at the helm, the man at the head of this University of ours--you notice I say "ours" now, but even though I didn't come here as an alumnus I feel that this University has become part of me and in large measure my feelings come from my associations with things that he has made available to me. So we can be proud of our University and we can be proud of the record. I am not going to talk about football teams and basketball teams but I could--this is the year to do it--but I won't talk about them, but even our success in athletics wouldn't be what it is if an atmosphere had not been maintained which made it possible for the best and greatest things to be accomplished.

President Fawcett, I am going to offer a resolution, but I only offer it with the understanding that when your date of retirement comes you will remain with us as our adviser and as our friend. I started by saying you are a good man in every respect and you are a friend of ours--of everybody in this room, of our faculty, and of every student. The students whom you may not have seen are still the beneficiaries of your good will. Only good will come to us from the years that you have served the University. Not only has the University profited by your years, but our state can be proud of your years. Our state can be proud of our University which I think is perhaps its most important activity. With the understanding the Chairman's words are incorporated in what I have said, I formally offer the resolution on the retirement of President Fawcett:

WHEREAS President Novice G. Fawcett recently announced to this Board his desire to retire from the Presidency of the University on September 1, 1972; and

WHEREAS President Fawcett through his exemplary service, dedication, personal integrity and creative administration has given to this University its finest era;

THEREFORE, BE IT RESOLVED that we, the members of the Board of Trustees of The Ohio State University, do hereby honor the request of President Fawcett to retire on September 1, 1972, and take this occasion to express our appreciation on behalf of the entire University community for his many contributions to this University and to higher education. Further we pledge our full support of his continued leadership as we begin the difficult search for his successor.

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

March 15, 1971 meeting, Board of Trustees

Following the motion, Mr. Shocknessy made the following statement:

Mr. Chairman, I would like now to make mention that I didn't preface my previous resolution with anything about Mrs. Fawcett, but I want Mrs. Fawcett to know that she, too, has contributed mightily to our University in the years of the Fawcetts. The Fawcett years will be known for both Novice and Marjorie Fawcett.

President Fawcett responded as follows:

I have a kind of obligation to respond to the Chairman's statement of the last meeting and to Mr. Shocknessy's statement now which I think I understand are intended to represent the feelings of this Board. I want first of all to thank you for graciously granting my request. I have no way to respond properly and fully to what has been said, but there is one thing I think I can say which is divided into two parts and it is something I had in my mind before I made my request. I have worked with a great many fine people on this Board of Trustees and I think it could have been otherwise over that many years. I felt I could take the action I requested for two basic reasons: (1) I don't believe this Board of Trustees has ever been made up of people more competent to deal with the task at hand which gives me great comfort; and (2) I don't think the University has ever been in a better position to enable you to attract anyone who desires to be a President. I am deeply grateful to both of you for your eloquent statements which I cannot and will not attempt to match. The people in this room know of the quality of service rendered by all of you. I have often alluded that Mr. Shocknessy, the product of Notre Dame and the Harvard Law School, may be the best alumnus the University has had. I just want to re-emphasize that in the light of the very kind and generous statements he made this afternoon.

Mr. Ketterer made the following statement:

Our inadequacy in mustering a full statement of the things that are in our minds and in our hearts is not because we did not want to say it. As far as I am concerned, the shock of the announcement you made at the last meeting for one time in my life had me tongue-tied; since that time, I have received a number of letters from people who have expressed an interest in some participation by various groups and in making recommendations for naming a successor to President Fawcett. While the Board has not at this date adopted a procedure that will be followed by it in discharging its statutory duty, everybody was pleased to know that there is such a wide general interest in trying to find somebody who could carry on in the best way that President Fawcett has established for anybody in this position. In his letter of retirement, he generously said that he would be available, if the Board requested, to make any suggestions after investigation that he might feel proper without intruding in any way in the actual selection process. I think it would be appropriate for the Board to seek advice from President Fawcett and so as soon as it is convenient, President Fawcett, if you will give the Board some ideas which you may develop as a result of your investigation, I am sure we will be very glad to have them.

March 15, 1971 meeting, Board of Trustees

President Fawcett responded as follows:

Well, Mr. Chairman, could I just say that there is not a great deal of literature on this subject as you probably know, and the procedures normally are developed to fit the particular local situation, whatever that may be. There is some literature in this field, and I will explore that literature. There are a number of people on this campus that I would want to consult with before suggesting to you some procedures you might want to modify or to adopt. I will, if it is your desire, since I am still the chief executive officer of this institution be glad to bring together such information as soon as I can and seek such consultation as I can; and I will try to suggest to you some kind of procedure at the earliest possible date. I cannot conduct consultations until about the first week of April. This is finals week and the people are very much involved and then a lot of people are gone between quarters. In early April I will try to address myself to the problem; hopefully, I will have something for you to look at and consider by the middle of April or a little later. Certainly, I would hope that whatever you want me to do I can have ready so that you can consider it at the May meeting of this Board.

\*

\*

\*

Thereupon the meeting adjourned.

Attest:

---

Edward Q. Moulton  
Secretary

---

John G. Ketterer  
Chairman

Page 406 Blank

Page 407 Blank

Page 408 Blank

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

Columbus, Ohio, April 2, 1971

The Board of Trustees met at its regular monthly meeting on Friday, April 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

\* \* \*

Minutes of the last regular meeting (March 5, 1971) and the special meeting (March 15, 1971) were approved.

\* \* \*

April 2, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 13.0501, 27.0701, 27.09, 53.0705, and the Addition of Rule 13.17 to Rules for the University Faculty

On March 9, 1971, the Faculty Council approved the following revisions in the Rules for the University Faculty:

1. That Rule 13.0501 be expanded to include a definition of a Division, Academic Faculty, and Sections. The present Rule provides a definition for a Department and School.
2. That Rule 13.17 be added to include the definition of a Center.
3. That Rule 27.0701 be revised to include the procedure for adding eight voting student members to the Graduate Council.
4. That Rule 27.09 be amended to add Section c, which states how many student members shall serve on each of the Graduate Council Committees.
5. That Rule 53.0705 be amended to make the Rule consistent with 27.0701 and 27.09.

President Fawcett recommended that the foregoing revisions in Rules for the University Faculty as shown in Appendix VIII, page 435, be approved.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the Rules for the University Faculty.

B. Change the Name of the Department of Dairy Technology to Department of Food Science and Nutrition

The faculty of the College of Agriculture and Home Economics has proposed that the name of the Department of Dairy Technology be changed to Department of Food Science and Nutrition. This proposal was approved by the Council on Academic Affairs and the Faculty Council.

The rapidly accelerating developments in all aspects of nutrition make it desirable to establish a visible academic program in nutrition and food science. Since the present Department of Dairy Technology is now more involved with nutrition than with dairy technology, the expansion of this existing department into the Department of Food Science and Nutrition and the absorption of the Institute of Nutrition would appear to be the most expeditious manner of recognizing and accommodating this academic need.

April 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Change the Name of the Department of Dairy Technology to Department of Food Science and Nutrition (continued)

President Fawcett recommended that the Board of Trustees approve the proposed change in name of the Department of Dairy Technology to the Department of Food Science and Nutrition and the abolishment of the Institute of Nutrition as a separate body and its incorporation in the new department, this action to be effective July 1, 1971.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

C. Legal Designation of Appointing Authority for Civil Service Employees

In order to designate Gordon B. Carson, Vice President for Business and Finance, as the appointing authority for civil service employees, President Fawcett recommended that Section 8 of the Bylaws of the Board of Trustees and Rule 11.1103 of Rules for the University Faculty be amended to include an additional paragraph as follows:

The Vice President for Business and Finance shall serve as the appointing authority for the non-instructional employees of the University pursuant to the provisions of Chapter 143, Revised Code of Ohio.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Establishment of a Department of Theatre

The Faculty Council on March 9, 1971, approved the recommendation adopted by the Council on Academic Affairs that a Department of Theatre be established in the College of The Arts.

The Division of Theatre meets the requirements for departmental status including the minimum number of well-qualified faculty members spread through the ranks of Assistant Professor through full Professor. Theatre is a recognized area of academic concern throughout the country with programs offered in major universities in both undergraduate and graduate programs. The Division of Theatre currently offers the Bachelor of Arts, Master of Arts, Master of Fine Arts, and Doctor of Philosophy degrees with a concentration in one of several areas of Theatre.

President Fawcett recommended that a Department of Theatre be established, effective July 1, 1971.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

April 2, 1971 meeting. Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Establishment of the Meshulam Riklis Chair  
in Business and Its Environment

Mr. Meshulam Riklis, B. A. '50, M. B. A. '66, Chairman of the Board, Rapid-American Corporation, New York, New York, has pledged \$500,000 to the University, through the Development Fund, for the endowment of the Meshulam Riklis Chair in Business and Its Environment.

President Fawcett recommended that Mr. Riklis' pledge be accepted and that this gift be used to establish this endowed Chair in the College of Administrative Science, pursuant to action of the Board of Trustees approved on January 14, 1965.

Income to support the Chair will come to the Development Fund from The Foundation for Endowment of a Chair at Ohio State University, Inc. The Foundation now holds bonds with a face value of \$500,000.

At the request of Mr. Riklis, and upon the recommendation of the Board of Directors of The Ohio State University Development Fund, it is requested that this Board of Trustees confirm Dr. Theodore N. Beckman, a member of the Fund Board, and Dr. Leo D. Stone, Chairman, Academic Faculty of Finance, as two of the three directors of the above mentioned Foundation.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous voice vote.

F. Prices for Faculty-Staff Season Athletic Activity  
Cards, Field Seats, and South Stands

Based upon a recent analysis of financial need as well as a comparative study of ticket prices by the Department of Athletics, the Athletic Council has recommended that the price of faculty-staff season athletic activity cards be increased from \$16 to \$20 and that the price of single-game football tickets for the field seats and south stand seats in Ohio Stadium be raised from \$3 to \$5 per game. All other ticket prices would remain unchanged.

The amount paid by the faculty and staff for season athletic activity cards has not been increased since 1967 and the price for field seats and south stand seats has not been increased since 1955 while the reserve and box seat prices have had four increases during this period.

President Fawcett recommended that the Board of Trustees approve the price increases as proposed by the Athletic Council, effective with the 1971 football season.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

April 2, 1971 meeting, Board of Trustees

## II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the March 5, 1971, meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Resignation, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Resignation

Clarence R. Cole has requested that he be relieved of his duties as Dean of the College of Veterinary Medicine, effective upon the appointment of a successor but no later than September 1, 1971. He will resume his position as a Regents Professor in the Department of Veterinary Pathology.

### B. Leaves of Absence Without Salary

Judy Ann Tamulitis, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective March 16, 1971 through June 15, 1971, to participate in a program of professional improvement at The Ohio State University.

Peggy C. Wilson, Instructor, School of Allied Medical Professions, effective March 29, 1971 through June 30, 1971, for personal reasons.

### C. Emeritus Titles

Frederick Stecker, Office of the President, with the title Executive Director for University Relations Emeritus, effective July 1, 1971.

Ellsworth E. Reese, College of Optometry, with the title Assistant Professor Emeritus, effective July 1, 1971.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Resignation, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

April 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
February 20, 1971 - March 12, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	4	\$122,306.00
Industrial and Other Research	2	106,744.00
<u>Grants</u>		
Government Research - Federal	16	379,136.00
Industrial and Other Research	<u>3</u>	<u>13,461.00</u>
Totals	25	\$621,647.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Office of Naval Research, Procuring Contracting Office, Department of the Navy, Arlington, Virginia, Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Project No. 2822 - Amend. #1 - Department of Physiology).  
Gross Value - \$13,547.00.
- b. National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama, Course in Cost Schedule Control Systems (to be known as Project No. 3132-A1 - Amend. #2 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$5,492.00.
- c. Naval Air Development Center, Naval Air Systems Command, Warminster, Pennsylvania, On-Aircraft Antennas (to be known as Project No. 3188-A1 - New - Department of Electrical Engineering).  
Gross Value - \$69,961.00.
- d. U. S. Department of Interior, Bureau of Mines, Advanced Research Projects Agency, Denver, Colorado, Electromagnetic Pulse Sounding for Geological Surveying with Application in Rock Mechanics and Rapid Excavation Program (to be known as Project No. 3190-A1 - New - Department of Electrical Engineering).  
Gross Value - \$33,306.00.

TOTAL - Government Research Contracts - Federal \$122,306.00

April 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. American Petroleum Institute, Washington, D. C., An Investigation of the Effect of Sulfur Dioxide on Human Subjects (to be known as Project No. 2987 - Sponsor Letter Dated 1/12/71 - Department of Preventive Medicine).  
Gross Value - \$93,000.00.
- b. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Studies of Arctic Pedology, Geology and Permafrost (to be known as Project No. 3196-A1 - New - Institute of Polar Studies).  
Gross Value - \$13,744.00.

TOTAL - Industrial and Other Research Contracts \$106,744.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Phytochemistry of Genus Thalictrum (to be known as Project No. 1497-G - Rev. Award Dated 2/18/71 - College of Pharmacy).  
Gross Value - \$492.00.
- b. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Chevy Chase, Maryland, Attention and Hypothesis Behavior in Concept Learning (to be known as Project No. 2166-E - Ext. #5 - Department of Psychology).  
Gross Value - \$21,155.00.
- c. Department of Health, Education and Welfare, Public Health Service, Health Service and Mental Health Administration, National Institute of Mental Health, Chevy Chase, Maryland, Individual Differences and Psychologic Stress (to be known as Project No. 2173-D - Sup. #2 - Department of Psychiatry).  
Gross Value - \$34,846.00.
- d. National Aeronautics and Space Administration, Washington, D. C., Stress Corrosion Cracking of Titanium Alloys (to be known as Project No. 2267 - Sup. #4 - Department of Metallurgical Engineering).  
Gross Value - \$26,116.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as Project No. 2305-D - Ext. #4 - Department of Physical Medicine).  
Gross Value - \$22,823.00.

April 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- f. National Aeronautics and Space Administration, Washington, D. C. ,  
Combined Conductive and Radiative End Wall Heat Transfer Behind  
Reflected Shock Waves in Air and Nitrogen (to be known as Project  
No. 2601 - Sup. #2 and Sup. #3 - Department of Aeronautical and  
Astronautical Engineering).  
Gross Value - \$13,000.00.
- g. Headquarters, Air Force Office of Scientific Research, Arlington,  
Virginia, Information Processing for Target Detection and Iden-  
tification (to be known as Project No. 2768 - Mod. #AF0SR  
69-1710C - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- h. Department of Health, Education and Welfare, Public Health Service,  
National Institutes of Health, National Eye Institute, Westwood  
Building, Room 4A-03, Bethesda, Maryland, An Ocular Fundus  
Anomaly (to be known as Project No. 2771-B - Ext. #2 - Department  
of Veterinary Clinical Sciences).  
Gross Value - \$32,515.00.
- i. Department of Health, Education and Welfare, Public Health Service,  
National Institutes of Health, General Research Support Branch,  
Division of Research Facilities and Resources, Bethesda, Maryland,  
General Research Support Grant (to be known as Project No. 2776-A2 -  
Rev. Award Dated 2/22/71 - College of Veterinary Medicine).  
Gross Value - \$13,091.00.
- j. Department of Health, Education and Welfare, Public Health Service,  
National Institutes of Health, National Institute of Allergy and  
Infectious Diseases, Bethesda, Maryland, Etiology of Sarcoidosis  
(to be known as Project No. 2780-B - Ext. #2 - Department of  
Medical Microbiology).  
Gross Value - \$22,899.00.
- k. Department of Health, Education and Welfare, Public Health Service,  
National Institutes of Health, National Institute of General Medical  
Sciences, Bethesda, Maryland, Continuous Analysis of Enzymes and  
Enzyme Inhibitors (to be known as Project No. 2791-B - Ext. #2 -  
College of Pharmacy).  
Gross Value - \$22,593.00.

April 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Biosynthesis of Phosphorylated Polysaccharides (to be known as Project No. 2796-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$24,630.00.
- m. 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 (to be known as Project No. 2797-B - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$33,297.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A1 - New - Department of Surgery).  
Gross Value - \$24,840.00.
- o. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Symposium on Optimizing Methods in Statistics (to be known as Project No. 3187-A1 - New - College of Mathematics and Physical Sciences, Division of Statistics).  
Gross Value - \$10,539.00.
- p. National Science Foundation, Washington, D. C., Carbenic Processes (to be known as Project No. 3195-A1 - New - Department of Chemistry).  
Gross Value - \$36,300.00.

TOTAL - Government Research Grants - Federal \$379,136.00

4. Industrial and Other Research Grants

- a. American Cancer Society, Ohio Division, Inc., Franklin County Unit, Columbus, Ohio, The Effect of Non-Specific Adjuvants on the Magnitude of Cellular Immunity to Tumor-Specific Antigens (to be known as Project No. 3191-A1 - New - Department of Surgery).  
Gross Value - \$4,900.00.



April 2, 1971 meeting, Board of Trustees

#### IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 5, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

#### SUMMARY

Administered Through the Office of Business and Finance	\$2,063,702.00
Received Through The Ohio State University Development Fund	174,384.00

##### A. Administered Through the Office of Business and Finance

1. \$410,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University to assist in the expansion of noncommercial educational television station WOSU-TV operating on Channel 34 at Columbus, Ohio. (Grant No. OEG-0-71-8714)
2. \$340,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Institutional Grant," under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 E03 PE 00142-06)
3. \$327,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Institutional Grant," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 E03 PE 00378-06)
4. \$289,476.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the 1971 National Science Foundation Graduate Traineeship Program. This grant provides support for the appointment of fifty continuation Graduate Traineeships for a period of nine or twelve months, beginning in the fall of 1971 and for eighteen Summer Traineeships for Graduate Teaching Assistants during the summer of 1971. This grant will be under the direction of the Graduate School and will terminate on September 30, 1972. (GZ-2096, Proposal No. 1/230-3861)
5. \$189,132.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Institutional Grant," under the direction of the College of Veterinary Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 E03 PE 00526-02)
6. \$120,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Institutional Grant," under the direction of the College of Optometry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 E03 PE 00614-06)

April 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

7. \$99,884.00 granted by Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Institutional Grant," under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 E03 PE 00455-02)
8. \$79,159.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Occupational Health - Training Grant," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 EC-00018-09)
9. \$61,237.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Cardiology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 HE05546-11)
10. \$38,966.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support Grant," under the direction of the College of Medicine, for the period January 1, 1971 through December 31, 1971. (Grant No. 5 S01 RR05409-10)
11. \$31,800.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cardiovascular Physiology," under the direction of the Department of Physiology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 HE05843-03)
12. \$27,379.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate - Clinical Training Grant," under the direction of the Department of Medicine, for the period March 1, 1971 through February 29, 1972. (Grant No. 5 T02 HE05035-18)
13. \$25,380.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program - Long-Term Academic - Training Grant," under the direction of the School of Nursing, for the period September 1, 1970 through August 31, 1971. (Grant No. 3 A11 NU 00029-14S1)
14. \$8,119.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support Grant," under the direction of the College of Pharmacy, for the period January 1, 1971 through December 31, 1971. (Grant No. 5 S01 RR05607-05)

April 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

15. \$7,727.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Multi-Instructional System - Teaching Care of Patients with Impaired Vision," under the direction of the School of Nursing, for the period April 1, 1971 through March 31, 1972. (Grant No. 5 D10 NU 00469-02)
16. \$6,943.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Support," under the direction of the University Libraries, for the period March 1, 1971 through February 29, 1972. (Grant No. 5 G01 LM00684-03)

TOTAL - Administered Through the Office of Business and Finance  
\$2,063,702.00

B. Received Through The Ohio State University Development Fund

1. \$117,412.50 from an anonymous donor to complete the third floor of the Center for Tomorrow.
2. \$9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for The Refractories Institute Research Fund.
3. \$6,750.00 from the Alfred P. Sloan Foundation, New York, New York, for the Alfred P. Sloan Foundation Scholarship Fund.
4. \$6,700.00 from Charles Pfizer & Company, Inc., Groton, Connecticut, for research in infectious diseases.
5. \$6,000.00 from Ohio Florists Association, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.
6. \$6,000.00 from Warner Lambert Pharmaceutical Company, Morris Plains, New Jersey, for research in infectious diseases.
7. \$5,800.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
8. \$5,500.00 from The Columbus Foundation, Columbus, Ohio, (In the name of Peter H. Edwards), as an undesignated gift to the University.
9. \$5,000.00 from Minnesota Mining & Manufacturing Company, St. Paul, Minnesota--\$3,500.00 for a discretionary fund in Chemistry and \$1,500.00 for its scholarship in Engineering.

April 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. \$2,850.00 from Miss Elizabeth C. Sawtell, Sharon, Connecticut, for the establishment of the Elizabeth C. Sawtell Fund for Natural Resources.

Elizabeth C. Sawtell Fund for Natural Resources

The Elizabeth C. Sawtell Fund for Natural Resources was established April 2, 1971, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from Miss Elizabeth C. Sawtell, Sharon, 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 principal and/or income is to be used for one annual scholarship to a student enrolled in the School of Natural Resources. During the lifetime of Miss Sawtell, the maximum award is to be \$300 per year. Scholarships are to be awarded by the University Scholarship Committee, upon the recommendation of the Director of the School of Natural Resources.

At such time as the annual earnings of this endowment fund exceed \$300 per year, the additional income may be used for additional scholarships, larger scholarships, fellowships to graduate students, or for a program promoting research in conservation, as recommended by the Director of the School of Natural Resources.

Should the need for these scholarships and/or programs cease to exist or so diminish as to provide unused income, or should the School of Natural Resources 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 of the appropriate administrative official of the University who is then directly responsible for education in natural resources.

11. \$1,441.50 from friends of the late Charles A. Dambach for the establishment of the Charles A. Dambach Memorial Fund.

Charles A. Dambach Memorial Fund

The Charles A. Dambach Memorial Fund was established April 2, 1971, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends in memory of the late Charles A. Dambach, B.Sc. Agr. '37, M.Sc. '41, Ph.D. '45, Columbus, Ohio, former faculty member, nationally known conservationist and Director of the School of Natural Resources at the time of his death.

April 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

11. Charles A. Dambach Memorial Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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, fellowships, or assistantships for students enrolled in the School of Natural Resources, or to support other endeavors of unique significance to the ongoing progress of said School. Should the principal of this fund reach \$125,000, the annual income is to be used to endow a professorship in Dr. Dambach's name in the School of Natural Resources; should the principal of this fund reach \$500,000, the annual income is to be used to endow a chair in Dr. Dambach's name in the School of Natural Resources.

Should the need for the above described student support and/or programs cease to exist, or so diminish as to provide unused income, or should the School of Natural Resources cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University administrative unit then directly responsible for education in natural resources.

12. \$1,000.00 from Augusta M. Huntington for the establishment of the Hugh Huntington Memorial Fund.

Hugh Huntington Memorial Fund

The Hugh Huntington Memorial Fund was established April 2, 1971, by the Board of Trustees of The Ohio State University with a gift through the Development Fund from Augusta M. Huntington, B.Sc.Dom.Sci. '11, in memory of her husband, Hugh Huntington, Law W'09, 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 for an award to a needy student.

Should the need for such awards cease to exist or so diminish as to create unused income, then the Board of Trustees may then use the income for any purpose whatsoever.

April 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

13. \$930.00 from members of the Chemical Engineering "Class of Champions" for the establishment of the Class of Champions Chemical Engineering Memorial Fund.

Class of Champions Chemical Engineering Memorial Fund

The Class of Champions Chemical Engineering Memorial Fund was established April 2, 1971, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Chemical Engineering "Class of Champions," in memory of those members of the class who are deceased.

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

Until such time as the principal shall be sufficient to provide an income of at least \$1,000 per year, the monies shall be reinvested each year to provide capital growth.

The income is to be used annually on the recommendation of the Chairman of the Department of Chemical Engineering and approved by the Dean of the College of Engineering, for purposes not provided for by State appropriated monies.

TOTAL - Received Through The Ohio State University Development Fund  
\$174,384.00

C. Gift-in-Kind

1. Equipment from American Welding and Manufacturing Company, Warren, Ohio, for the Department of Welding Engineering.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In February, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	990	\$ 27,776.61
Individuals Other than Alumni	221	130,726.54
Business Concerns	51	93,734.72
Foundations and Nonprofit Organizations	47	56,016.03
	1,309	<u>\$308,253.90</u>

\*

\*

\*

April 2, 1971 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Ramseyer Hall Renovation (University School Renovation)

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 81,078.00	\$ 84,178.00	\$3,100.00

The provision of air conditioning for third floor rooms was originally quoted as Alternate E-1 and was not accepted at the time of the award of contract. At the request of the College of Education, it was determined to be desirable to do this work and the contractor agreed to provide it for the same price as proposed at the original bidding.

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801140 (Ramseyer Hall Renovation).

B. Means Hall Remodeling (TB Hospital Remodeling)

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$305,766.00	\$309,266.60	\$3,500.60

During construction, it was discovered that several utility lines were not in the location as shown on the original drawings and therefore relocation of these lines was necessary. Additionally, carpet specifications were changed to meet the latest National Fire Protection Association standards.

Funds for this project have been provided by a transfer from Hospital Capital Reserve and a National Heart Association Grant to Budget Account 801139 (Remodel Means Hall).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

April 2, 1971 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. College of Dentistry, South Wing Addition

On February 3, 1971, the Board of Trustees approved the award of contracts for the General, Plumbing, Heating and Air Conditioning, Electrical and Lecture Hall Seating Contracts for this project.

Examination of the bids for the Laboratory Equipment Contract has now been completed and it was recommended that the award be made to the second lowest bidder since the proposal of the low bidder does not comply with the intent of the specifications and since it was believed that no better bids could be obtained by readvertising.

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u> (4 bids received 2-2-71) Hamilton Manufacturing Co. (Two Rivers, Wisconsin)		
Base bid	\$420,581.00	\$410,000.00

This award is subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 315-072 (Dental Building, Phase II), H. B. 531; Item 235-010 (Architectural Planning to Board of Regents); and a Public Health Service Grant.

B. River Pump House - Electrical Feeders

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 3-15-71) Jess Howard Electric Co. (Columbus)	\$ 10,707.00	\$ 18,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\*

\*

\*

April 2, 1971 meeting, Board of Trustees

VII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

- 32 Approves the award of contract for the Heating and Air Conditioning Division, the Electrical Division and the Lecture Hall Seating Division notwithstanding the fact that the low bids were over the estimate of cost and releases \$3,000,000 from Item 315-072 (Dental Building, Phase II), H. B. 531, so that these contracts may be awarded for the project.

\* \* \*

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Gas Line Easement - Columbia Gas of Ohio

WHEREAS, the construction of a portion of the Olentangy Freeway (State Route FRA-315-2.85) and the resulting channel improvement to the Olentangy River is on The Ohio State University campus; and

WHEREAS, the construction of the Olentangy Freeway and the Olentangy River channel improvements required Columbia Gas of Ohio, Inc., to relocate their existing gas lines in an area approximately 800 feet north of King Avenue and east of old Kinnear Road;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the relocation of the gas service.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the above resolution was adopted by unanimous roll call vote.

B. Lease Agreement: Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center

WHEREAS, Section 903.011, Ohio Revised Code, provided that the Board of Control of the Ohio Agricultural Research and Development Center may enter into a lease with the Board of Trustees of The Ohio State University authorizing said Board of Trustees of The Ohio State University the use of lands for the construction and operation of an 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 construction and operation of an agricultural technical institute and related facilities; and

April 2, 1971 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Lease Agreement: Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center (continued)

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 Finance be authorized to act on behalf of the University to enter into a lease agreement between the Board of Control of the Ohio Agricultural Research and Development Center and the Board of Trustees of The Ohio State University to provide for the lease of 29.466<sup>±</sup> acres for the construction and operation of an agricultural technical institute and related facilities located in Wooster Township, Wayne County, Ohio.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above resolution was adopted by unanimous roll call vote.

\*

\*

\*

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Eldon S. Banta, Professor in the Cooperative Extension Service and the Department of Horticulture; Wooster B. Field, Professor Emeritus in the Department of Engineering Graphics; and Mildred Martin, Instructor (County Extension Agent, Home Economics), Lake County, in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Eldon S. Banta

The Board of Trustees expresses its sorrow at the death on March 18, 1971, of Eldon S. Banta, Professor in the Cooperative Extension Service and the Department of Horticulture.

Professor Banta was born July 10, 1918, in Lebanon, Ohio. After graduating from Lebanon High School in 1937, he enrolled at The Ohio State University. He was awarded a Bachelor of Science in Agriculture degree in 1941. Upon graduation he entered the business of fruit production and remained an active fruit grower until 1957 when he returned to The Ohio State University for further study. During the period from 1943 until 1957, Professor Banta was also a Field Editor for the American Fruit Grower magazine. From 1949 through 1954, he also served as a teacher for the Lebanon Board of Education training veterans for agricultural pursuits.

Professor Banta was awarded the Master of Science degree by The Ohio State University in June of 1958 at which time he joined the staff of the Cooperative Extension Service as an Assistant Professor and Extension Fruit Specialist. He was promoted to Associate Professor July 1, 1966, and to Professor July 1, 1970.

April 2, 1971 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Eldon S. Banta (continued)

During his entire professional career, Professor Banta dedicated himself to the fruit industry. Because of his keen perception and in-depth comprehension of industry problems, he was recognized as a leader in Ohio and throughout the east. He has served for many years as Secretary of the Ohio State Horticultural Society and was a frequent speaker on fruit industry programs in Ohio and other major fruit growing states. He was considered an authority in many aspects of fruit production technology including apple rootstocks, fruit tree propagation, grape production techniques, and tree decline. He has published many extension bulletins and authored a number of feature articles in the American Fruit Grower and The Ohio Farmer. He was actively involved in a study of apple tree decline in eastern Ohio counties after joining the staff in 1958.

Mr. Banta was not only a dedicated horticulturist but a distinguished member of the community as well. He was active in his church and in many community activities. Throughout his life he gave freely to the development of the community in which he lived and the institutions and industries which he served.

On behalf of The Ohio State 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 of Eldon S. Banta as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Wooster Bard Field

The Board of Trustees of The Ohio State University expresses its deep regret at the death March 3, 1971, of Wooster B. Field, Professor Emeritus, Department of Engineering Graphics, College of Engineering.

Professor Field was born in Columbus, Ohio, July 29, 1886. He attended The Ohio State University and received the degree, Civil Engineer in Architecture, in 1911. He practiced architecture in Dayton and Columbus from 1911 to 1917 before returning to his Alma Mater in September, 1917, as an Instructor, Department of Engineering Drawing. He became an Assistant Professor in 1921, an Associate Professor in 1930, and was promoted to Professor in 1936. In addition to his teaching of basic drawing courses for engineers, he directed the drawing courses for all freshmen in architecture, and a course for house planning for all students in home economics. He retired as Professor Emeritus in 1956 after 38 years of teaching. Professor Field practiced some architecture during his tenure at the University and was known particularly for his many talents in painting, wood carving, and sculpturing. He did many wood carvings on furniture and picture frames as well as many water and oil paintings of his travels. Many of his paintings were exhibited in the Faculty Club and the Columbus Gallery of Fine Arts. He sculptured the plaque of the late Professor Joseph N. Bradford which is exhibited in Brown Hall as well as the bust of the late Professor Thomas E. French which is exhibited in the Department of Engineering Graphics in Hitchcock Hall.

April 2, 1971 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Wooster Bard Field (continued)

Professor Field was the author of An Introduction to Architectural Drawing, Architectural Drawing, and House Planning. He was a Registered Architect, State of Ohio, member of the American Institute of Architects, American Society for Engineering Education, University Baptist Church, Faculty Club, and University Lodge F. & A. M.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Field its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

C. Mildred Martin

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 2, 1971, of Mrs. Mildred Martin, Instructor (County Extension Agent, Home Economics), Lake County, in the Cooperative Extension Service.

Mrs. Martin was born April 2, 1908, in Langsville, Ohio. She spent her early life in the rural community in Meigs County. After graduating from Rutland High School, she enrolled at Ohio University where she was awarded the Bachelor of Arts degree in English and French in 1936. She later pursued graduate work in Home Economics at Ohio University and received the Master of Science degree in 1948.

Mrs. Martin was an English and Social Studies teacher in Rutland, Meigs County, prior to teaching Home Economics at Harding High School, Fairport Harbor, from 1949 to 1963. Since early 1964, she had enjoyed her career as a faculty member with the Ohio Cooperative Extension Service in Lake County. She enjoyed the respect and admiration of the people of Lake County and surrounding communities. Her ability to organize and execute effective educational programs was widely recognized. She served as a vital force in many local civic, educational, and service capacities. She was listed in Who's Who of American Women in 1969. Her ability as an effective teacher and a dedicated educator earned her an esteemed position in the minds and hearts of her co-workers and her many students.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Martin its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

\*

\*

\*

X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held March 19, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on March 19, 1971:

That the new degree programs for awarding the Master of Science in Library Science and Doctor of Philosophy in Library Science submitted by The Ohio State University and proposed to be undertaken on an interdisciplinary basis with special emphasis upon the application of computer science to library science is hereby approved.

B. Report from the Finance and Investment Committee

1. Resolution Pertaining to the Financing of Auxiliary Facilities by The Ohio State University

Mr. Shocknessy presented the following resolution:

WHEREAS, The Ohio State University (herein called the "University") has heretofore constructed and equipped on its campus certain motor vehicle parking facilities (said facilities, together with all structures and improvements related or incidental thereto being herein called the "Completed Project") for the interim financing of which there are outstanding an aggregate of \$4,500,000 notes of the University, and for the permanent financing of the Completed Project the University proposes to issue revenue bonds of the University pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code; and

WHEREAS, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the 108th General Assembly of Ohio by Amended Substitute Senate Bill No. 299, effective November 5, 1969, under authority of the Constitution of Ohio, including Section 2i of Article VIII thereof, the General Assembly has now authorized and empowered the University among other things: (a) to acquire, construct, equip, furnish, maintain and operate "auxiliary facilities" as defined in Section 3345.12(A)(3) which include, among others, buildings and structures to be used for or in connection with student activity or student service facilities, dining halls and other food service and preparation facilities, vehicular parking facilities, bookstores, health facilities, and athletic and recreational facilities; (b) to issue revenue obligations of the University, meaning bonds or notes or other evidences of obligation as provided in said Section 3345.12 to provide the means to pay the costs of such auxiliary facilities; and (c) to secure such obligations by a pledge of and lien on all of the "available receipts" of the University, defined in Section 3345.12(A)(9) of the Ohio Revised Code to include, among others, income, revenues and receipts from the operation and ownership of the auxiliary facilities, grants, gifts, donations and pledges and receipts therefrom, and receipts from any fees, charges and income referred to in Section 3345.05 of the Ohio Revised Code (including

X. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Pertaining to the Financing of Auxiliary Facilities by The Ohio State University (continued)

general fees, tuition surcharges, instructional fees and the like but excluding any special fee, and receipts therefrom, charged pursuant to Section 154.21 of the Ohio Revised Code), but excepting from such pledge or lien moneys raised by taxation and payments from State appropriation; and

WHEREAS, the University wishes to take advantage of such new authority provided by the General Assembly since the exercise thereof will be in the best interests of the University in that it will permit all future financing of auxiliary facilities to be accomplished under a single open-end trust agreement thereby simplifying and avoiding error in fund management, and will result in attracting lower interest costs on the obligations of the University by reason of the enhanced security provided, thereby permitting lower charges for those services from which the University will provide funds to pay the principal and interest on such obligations; and

WHEREAS, the University wishes to employ such system of financing the Completed Project so that, with certain exceptions, all of its future revenue bond financing, including that presently contemplated for the Completed Project, may be under a single trust agreement; and

WHEREAS, prior to the undertaking of such pattern of financing by the University, it is appropriate that such be presented to the Ohio Board of Regents and its approval thereof obtained;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. It is hereby determined that it is and will be to the best interests of the University that the Completed Project be financed by the issuance of revenue bonds of the University pursuant to Revised Code Section 3345.11 and 3345.12 of the Ohio Revised Code, as the same became effective November 5, 1969, under an open-end trust agreement pledging to the security of the University's bonds issued thereunder all available receipts of the University which may lawfully be so pledged as authorized by Section 3345.12 of the Revised Code, and covenanting to fix, make, adjust and collect charges and fees so as to provide adequate pledged available receipts to meet bond service charges and reserve and other requirements provided in the bond proceedings.

Section 2. The University respectfully requests that the Ohio Board of Regents approve the proposed pledge of available receipts of the University, as authorized by Section 3345.12 of the Revised Code, and the proposed agreement of the University to fix and adjust the charges and fees constituting available receipts so that the same may at all times be adequate to meet bond service charges and reserves and other

April 2, 1971 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Pertaining to the Financing of Auxiliary Facilities by The Ohio State University (continued)

requirements of the bond proceedings, for the issuance of bonds in the first instance and the future issuance of additional bonds under the open-end trust agreement, and for issuance of notes to finance auxiliary facilities.

Section 3. The University and its Board of Trustees hereby represent to the Ohio Board of Regents and agree that they will at all times take such actions, within their lawful authority, as shall result in available receipts, other than from instructional fees and tuition surcharges, being adequate at all times to pay the principal of and interest on and meet all other deposits and payments required to be made under the relevant bond and note proceedings with respect to the bonds and notes issued pursuant to the approval requested under Section 2 hereof, so that no part of the instructional fees or tuition surcharges will actually need to be applied to such purposes.

Section 4. The appropriate officers of the University are each hereby authorized and directed to do all things necessary and proper toward carrying out the purposes of this resolution.

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

C. Commendation of the 1971 Big Ten Champion Basketball Team

Mr. Shocknessy made the following statement:

It is a pleasure, indeed a high honor, to express to the basketball team, especially to the captain, and to the coaching staff, the felicitations of this Board with expressions of pride in their accomplishments. Nobody ever saw a greater exhibition of character than those young men on that team exhibited on numerous occasions during this past season. We can be proud that we have something to do with instilling the attributes of character which these young men exhibited. Athletics for their own sake are not justifiable; athletics must contribute to the overall mission of the University in order to justify the interest and patronage that we provide. On behalf of this Board, I express felicitations and congratulations to the team, its captain, and the coaching staff.

April 2, 1971 meeting, Board of Trustees

X. REPORTS (continued)

D. President Fawcett's Report on the Procedure  
for Selection of a President

President Fawcett made the following statement:

At the last meeting you requested that I might be helpful to you in suggesting a procedure to follow in the selection of the President of the University. I indicated that I could not respond by today, because many of the people I wanted to discuss this matter with would not be immediately available. I have had an opportunity to review the Bylaws of the Board of Trustees; and I also have reviewed such literature as is available, as well as talked to a number of people who are knowledgeable on the subject. I have received a number of unsolicited suggestions as to procedure. I still have some consultation to do. I must say, however, it is becoming increasingly clear to me as to how this matter should best be pursued. I will have a precise recommendation for your consideration to do with as you see fit not later than the May meeting of this Board.

E. Report on the University's Investment Portfolio

The report dated April 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, May 7, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John G. Ketterer  
Chairman

APPENDIX VIII

Revisions of Rules 13.0501, 27.0701, 27.09, 53.0705, and the  
Addition of Rule 13.17 to Rules for the University Faculty

Approved by Faculty Council  
March 9, 1971

Adopted by Board of Trustees April 2, 1971  
(See Page 410)

Page 436 Blank

Revisions in Rules 13.0501, 27.0701, 27.09, 53.0705, and the  
Addition of Rule 13.17 to Rules for the University Faculty

The Faculty Council on March 9, 1971, approved revisions in Rules 13.0501, 27.0701, 27.09, 53.0705, and the addition of Rule 13.17 to Rules for the University Faculty. The text of Rules as revised is as follows:

13.0501. Schools, Departments, Divisions, Academic Faculties and Sections; Defined and Located.

Section 1. The units of a college organization for instruction, research, and service, are the School, Department, Division, and Academic Faculty.

Section 2. Each of these units should normally meet the following qualitative requirements: (A particular unit may not meet all the criteria, but the formation of a unit that does not should only be approved when circumstances dictate that approval is important to the academic development of the University.)

- a. A recognized, discrete area of academic concern not already included within the mission of another School, Department, Division, or Academic Faculty;
- b. A proposed or existing academic program at both undergraduate and graduate or graduate professional levels;
- c. A source of faculty members prepared to offer academic work in the subject concerned;
- d. An academic subject that offers research and/or public service opportunities in addition to formal classroom teaching and has the potentiality for developing recognition by other scholarly groups;
- e. An academic field that has developed or is in the process of developing a student clientele either for the purpose of major programs or as an important "service" discipline to other major programs;
- f. The ability to assume primary fiscal responsibility (fiscal responsibilities for Academic Faculties may be delegated by the appropriate dean).

Section 3. Schools and Departments shall meet the following quantitative requirements unless persuasive academic reasons demonstrate the need for exceptions:

- a. A minimum of ten faculty positions spread through at least the three academic ranks of assistant professor to professor.
- b. Student registration for at least 1000 credit hours per quarter.

Section 4. A School is differentiated from a Department as follows:

- a. The undergraduate or graduate work offered by a School may lead to "tagged" degrees.
- b. Recipients of "tagged" degrees shall be recommended for such degrees by the Faculty of the appropriate School.

Revisions in Rules 13.0501, 27.0701, 27.09, 53.0705, and the  
Addition of Rule 13.17 to Rules for the University Faculty (continued)

13.0501. Schools, Departments, Divisions, Academic Faculties and Sections; Defined and Located. (continued)

- c. A School, with the exception of the Graduate School, may be organized into Departments, Divisions, or Sections.
- d. A School, with the exception of the Graduate School, shall be responsible to a College for administrative purposes. Curricular proposals developed by the School shall be transmitted to the Council on Academic Affairs for review and action after coordination with the College Secretary and after fiscal approval of the Dean has been secured.
- e. A School may establish its own admission and retention policies and requirements within the framework of University policies and may retain student personnel records for those students enrolled in degree programs under the control of the School. To facilitate the conduct of these activities, a School shall appoint a Secretary with the responsibilities outlined for a Secretary of a College (see Rule 13.0307).

Section 5. A Division is an academic unit established within a college or a school to provide for a developing need in a circumscribed subject. The head of such unit shall be known as the Chairman of a Division, shall have academic responsibility, and may be assigned fiscal responsibility by the respective Dean of the College or Director of the School. This unit shall be responsible for instruction, service, and research in a specific academic concern. Such units may be established in any field in which a new department is not feasible, but in which there is a possibility that growth in the subject may eventually lead to the status of a department. However, the determination to establish such a unit need not be based solely on the presumption that such a unit will attain this status. The status of these units shall be reviewed periodically by the Council on Academic Affairs.

Section 6. An Academic Faculty is a formal association of faculty members within a college for purposes of teaching, research, and service. Criteria for the establishment of an Academic Faculty are given in Section 2, above.

The faculty member in charge of an Academic Faculty shall be designated the Chairman and may have fiscal responsibilities as delegated by the dean. Academic Faculties shall normally be created to increase and give expression to academic relationships among faculty members of the same College. A given faculty member may belong to more than one Academic Faculty.

Section 7. A Section is an informal unit within a School, Department, Division, or Center, which is established to expedite the administration of a given academic subject. The function of a Section shall be to assist the parent unit in the administration of the subject and to provide an organizational structure for relationship with professional organizations or other individuals with similar interests. The faculty member in charge shall be known as the Section Head. The Head of the Section is appointed by the administrator of the parent unit and has responsibilities delegated by the administrator of the parent unit. The formation of a Section must be reported to the Council on Academic Affairs.

Revisions in Rules 13.0501, 27.0701, 27.09, 53.0705, and the  
Addition of Rule 13.17 to Rules for the University Faculty (continued)

13.0501. Schools, Departments, Divisions, Academic Faculties and Sections;  
Defined and Located. (continued)

Section 8. Schools, Departments, Divisions, and Academic Faculties shall be located with respect to Colleges as shown in the current catalog of The University Academic Policies and Course Offerings.

Section 9. The establishment or abolition of Schools, Departments, Divisions, and Academic Faculties shall require approval by the Council on Academic Affairs, the Faculty Council, and the Board of Trustees.

- o -

13.17. Center Defined.

A Center is a non-degree granting administrative unit, which coordinates programs of instruction, research, or service representing either an interdisciplinary subject or specialized field of study. It involves a program of interest to the faculty of two or more Colleges, Schools, Departments, Divisions, or Academic Faculties. Ordinarily, a Center will not develop formal course offerings but may develop cooperative programs involving course offerings within existing academic units.

The fiscal and administrative activities of Centers shall be coordinated through the Provost and Vice President for Academic Affairs or his designee. The chief administrator of a Center shall be called Director and normally shall have an Advisory Committee or report to an Administrative Committee for the Center composed of the Deans (or their designated representatives) of the participating colleges, or if within one college, the administrative heads of the participating units.

- o -

27.0701. Membership.

- b. Elected Faculty Members. . . .
- c. Alternate Faculty Members. Each faculty member of the Graduate Council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected members are justifiably absent. When an elected faculty member . . .
- d. Student Members. Eight graduate students, appointed by the president of the Council of Graduate Students with the consent of that body. These members shall serve terms of one year and shall be eligible for at most three consecutive terms. (See Rule 53.0705.)

- o -

27.09. Committees.

Section 1. There shall be an Executive Committee, a Curriculum Committee, and a Policy and Standards Committee, each constituted as follows:

Revisions in Rules 13.0501, 27.0701, 27.09, 53.0705, and the  
Addition of Rule 13.17 to Rules for the University Faculty (continued)

27.09. Committees. (continued)

- c. Student Members. There shall be two members of the Executive Committee, three members of the Curriculum Committee and three members of the Policies and Standards Committee selected by the Graduate Council from its student membership. The manner of selection and the tenure shall be determined by the members of the Graduate Council.

- o -

53.0705. Graduate Student Representation on University Committees.

Section 1. Each of the following Committees or Councils shall include in its membership one representative from the Council of Graduate Students: The Advisory Committee on Cultural Programs, the Committee on Academic Misconduct, the Library Council, the Ohio Union Council and the University Scholarship and Loan Committee. Membership shall include the right to vote. Student membership and committee membership on the Graduate Council shall be determined in accordance with Rule 27.0701, Section d, and Rule 27.09, Section 1, paragraph c.

- o -

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 7, 1971

The Board of Trustees met at its regular monthly meeting on Friday, May 7, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

---

ELECTION OF OFFICERS

Mr. Dorsey made the following statement:

It has been a tradition of this Board for a Board member to serve as the Chairman during his last year of service. Since the term I am filling expires in May, 1972, tradition would call for me to be the Chairman for the coming year. I am suggesting a departure from this tradition today for two reasons: (1) because of my inexperience on this Board, since I have served less than a year, and (2) I believe that the Chairman of this Board during the ensuing year will have to be deeply involved in the tremendous task of selecting a new President. In this capacity, I believe that he must be readily available during this period.

On the basis of these reasons, I would like to make the following nominations for terms beginning May 14, 1971 through May, 1972 meeting:

Chairman	James W. Shocknessy
Vice Chairman	Don M. Hilliker
Secretary	Edward Q. Moulton
Treasurer	Gordon B. Carson

In seconding these nominations Mr. Eckley said that, "In view of what Mr. Dorsey has said, I would be next in line behind Mr. Dorsey if tradition were followed. I think that the availability of the Chairman is most important particularly during this coming year. Therefore, I am very happy to support these nominations."

Mr. Shocknessy made the following statement prior to the voting for the officers of the Board:

I have heard the nominations and I am grateful for the honor implied. I want to make it clear, however, that I would not accept the nomination as Chairman of this Board if Mr. Dorsey had not said that he chose not to become Chairman at this time for the reasons that he has stated. I think Mr. Dorsey is overly modest in saying that he does not have the adequate experience. I think that Mr. Dorsey has adequate experience to assume the Chairmanship if he otherwise felt he might do so. Then Mr. Dorsey having chosen not to become Chairman of this Board, I would not accept the nomination if Mr. Eckley, whose term would expire next after Mr. Dorsey, were willing to accept the Chairmanship. I have known Mr. Eckley a good part of my life as a very competent, dedicated man. I would be glad to serve as a member of this Board under Mr. Eckley just as I would be glad to serve under Mr. Dorsey and it is only with this understanding that Mr. Dorsey and Mr. Eckley choose not to accept the nomination that I am willing to do so. I want to say that I am honored by the Board to be nominated. I am especially gratified to be presented by you, Mr. Dorsey, and to be seconded by you, Mr. Eckley, and with that kind of sponsorship I certainly do not think I need to make any campaign speeches.

Mr. Eckley seconded the motion, and the above-named persons were elected to the offices as indicated by roll call vote of the Board with Mr. Shocknessy abstaining.

---

May 7, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the Lucius A. Wing Chair  
of Cancer Research and Therapy

The Dean of the College of Medicine has proposed the establishment of the Lucius A. Wing Chair of Cancer Research and Therapy.

The bequest in the amount of \$500,000 from the late William H. Dickinson in honor of Lucius A. Wing, M.D., will be used for support of this Chair which will be dedicated to teaching and research in cancer.

President Fawcett recommended that the Lucius A. Wing Chair of Cancer Research and Therapy be approved pursuant to the provisions of the January 14, 1965 action of the Board of Trustees.

Upon motion of Mr. Eckley, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Establishment of the Richard L. Meiling  
Chair of Obstetrics and Gynecology

The Dean of the College of Medicine has proposed the establishment of the Richard L. Meiling Chair of Obstetrics and Gynecology.

The recipient of the Chair will be responsible for the development of programs in human reproduction and its control, in maternal and neonatal health, and in the heritage of gynecology. The bequest in the amount of \$345,500 from the late William H. Dickinson along with a number of previously established smaller funds in the College of Medicine and earnings on these funds will be used to bring the total principal amount to the necessary \$500,000 for the establishment of the Chair.

President Fawcett recommended that the Richard L. Meiling Chair of Obstetrics and Gynecology be approved pursuant to the provisions of the January 14, 1965 action of the Board of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Shocknessy, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

The Chairman, Mr. Ketterer, called on Dr. Meiling to make some brief remarks concerning the establishment of the "Named Chairs" in the College of Medicine.

May 7, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Proposal for a New Degree Program Leading to an Associate in Applied Science Degree

The Faculty Council on April 13, 1971, approved the proposal by the College of Agriculture and Home Economics, upon the recommendation of the Council on Academic Affairs, that the degree Associate in Applied Science be authorized for use by the Agricultural Technical Institute, The Ohio State University, Wooster, Ohio.

Pursuant to the established policies of The Ohio State University, the Ohio Revised Code, and the Standards of the Ohio Board of Regents, President Fawcett recommended that the action of the Faculty Council be approved and that the Agricultural Technical Institute be authorized to award the Associate in Applied Science degree, effective with the Autumn Quarter, 1972, when the Agricultural Technical Institute is presently scheduled to be in operation.

It was recommended further that pursuant to Section 3333.04 of the Revised Code of Ohio that this recommendation be forwarded to the Ohio Board of Regents for approval.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendations by unanimous voice vote.

D. Change of Name of Department of Speech to Department of Speech Communication

The Faculty Council at its meeting on April 13, 1971, approved a recommendation from the Council on Academic Affairs that the name of the Department of Speech be changed to Department of Speech Communication, effective July 1, 1971.

This change in Department name more clearly identifies the Department's role within the College of Social and Behavioral Sciences and is consonant with the recent change in the name of the Department's parent professional association to the Speech Communication Association.

President Fawcett recommended that the action of the Faculty Council be approved.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Change in Designation of Academic Faculties in the College of Biological Sciences to Departments

The Faculty Council on April 13, 1971, approved the request from the College of Biological Sciences and the Council on Academic Affairs to designate the Academic Faculties of said College as Departments.

I. GENERAL RECOMMENDATIONS (continued)

E. Change in Designation of Academic Faculties in the College of Biological Sciences to Departments (continued)

At the time of the creation of the College of Biological Sciences in 1966 by the assemblage of Departments from the College of Agriculture and Home Economics and the College of Arts and Sciences, the new College was given the option of establishing its own internal structure and operational procedures. After considerable introspection as to the mission and objectives of the new College, the faculty of the College instituted Academic Faculties as the functional academic units. However, these subdivisions of the College of Biological Sciences fulfill the University criteria for Departments and have continued to operate as Departments. So as to minimize further confusion in the academic structure within the College of Biological Sciences, it would appear justified to adopt the departmental titles.

President Fawcett recommended that the action of the Faculty Council be approved--that the presently constituted Academic Faculties be abolished: viz, Biochemistry and Molecular Biology, Biophysics, Botany, Entomology, Genetics, Microbial and Cellular Biology, and Zoology; and that the Departments of Biochemistry, Biophysics, Botany, Entomology, Genetics, Microbiology, and Zoology be established, effective immediately.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

F. Honorary Degree

The Faculty Council on April 13, 1971, recommended that the honorary degree, Doctor of Science, be conferred on:

Sherwood L. Fawcett

President Fawcett recommended that the Board of Trustees approve the awarding of the honorary degree to the above-identified person.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

G. Revisions of Rules 11.1305, 29.2705, and 35.07 of Rules for the University Faculty

On April 13, 1971, the Faculty Council approved the following revisions in the Rules for the University Faculty:

1. That Rules 11.1305 and 29.2705 be expanded to authorize the Library Council to advise the Vice President for Educational Services on the selection of a Director of Libraries.
2. That Rule 35.07 be revised to extend the privilege of taking courses on a Pass/Non-Pass basis to the Division of Continuing Education.

May 7, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Revisions of Rules 11.1305, 29.2705, and 35.07  
of Rules for the University Faculty (continued)

President Fawcett recommended that the foregoing revisions in Rules for the University Faculty as shown in Appendix IX, page 509, be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the Rules for the University Faculty.

H. Naming of Building

Upon the recommendation of the Ohio Union Council and with the concurrence of the President's Cabinet, President Fawcett recommended that the River Union located at 1849 Cannon Drive be named the "Edward S. Drake Union," in memory of Edward S. Drake, who served as manager of the Ohio Union from 1913 to 1946.

This recommendation is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

I. Appointment of Overseers for The Academy  
for Contemporary Problems

At the October 7, 1970 meeting of the Board of Trustees an agreement for The Academy for Contemporary Problems was approved. When the Academy begins operation, it will be governed by a Board of Overseers consisting of three persons appointed by the President of Battelle Memorial Institute and three appointed by the President of the University. These six persons will, in turn, select a seventh Overseer who shall be Director of the Academy.

During the planning stages the following individuals have served as Overseers pro tem--Professor Charles A. Csuri of the Division of Art, Professor John P. Hirth of the Department of Metallurgical Engineering, and Provost and Vice President James A. Robinson. President Fawcett recommended that these three persons now act as official representatives of the University on the Board of Overseers for terms beginning July 1, 1971 and extending through June 30, 1973.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

\*

\*

\*

May 7, 1971 meeting, Board of Trustees

## II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the April 2, 1971, meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Robert S. Crawford, Instructor (County Extension Agent, Agriculture) Lawrence County, effective April 1, 1971 through June 15, 1971, to participate in a program of professional improvement at The Ohio State University.

### B. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective July 1, 1971 through June 30, 1972, to continue as a long-term consultant for the Ford Foundation-OSU contract in Ludhiana, Punjab, India.

P. John Kozyris, Professor, College of Law, effective October 1, 1971 through September 30, 1972, to be a Visiting Professor at Duke University School of Law during the 1971-1972 academic year.

Ulrich Krengel, Professor, Department of Mathematics, effective October 1, 1971 through September 30, 1972, to direct the Institute of Mathematical Statistics and Probability, University of Gottingen, Gottingen, Germany.

Lyle D. Schmidt, Professor, Department of Psychology, effective April 1, 1971 through June 30, 1971, to accept a Fulbright-Hays grant in England.

Sherman P. Touchburn, Professor, Department of Poultry Science, effective July 1, 1971 through September 13, 1971, to continue on a postdoctoral study program.

Howard C. Williams, Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1971 through January 31, 1972, to continue to serve on the Program Evaluation and Appraisal Staff of the Agricultural Stabilization and Conservation Service of the United States Department of Agriculture, Washington, D. C.

May 7, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Hans L. Zetterberg, Professor, Department of Sociology, effective October 1, 1971 through September 30, 1972, to assist in the integration of survey research organizations in Europe.

Harold A. Hovey, Associate Professor, College of Administrative Science - Public Administration, and Department of Economics, effective October 1, 1971 through September 30, 1972, to continue to serve as Finance Director, State of Ohio.

Fredos Papangelou, Associate Professor, Department of Mathematics, effective October 1, 1971 through September 30, 1972, to participate in the Institute of Mathematical Statistics and Probability at the University of Gottingen, Gottingen, Germany.

Howard L. Steele, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective July 1, 1971 through January 10, 1972, to continue to serve as Deputy Director in the Program Development and Analysis Group, Foreign Economic Development Service, United States Department of Agriculture, Washington, D. C.

Ron K. H. Adler, Assistant Professor, Department of Geodetic Science, effective April 1, 1971 through June 30, 1971, for personal reasons.

Guenther H. Ceelen, Assistant Professor, Department of Pathology, effective April 1, 1971 through June 30, 1971, for personal reasons.

Elmer L. Good, Assistant Professor, School of Social Work, effective July 1, 1971 through June 30, 1972, to continue to pursue studies for his doctoral degree.

Ana R. Llorens, Assistant Professor, University Library, effective May 1, 1971 through June 30, 1971, to serve as secondary school library consultant in Colombia, South America.

Barbara J. Becker, Instructor (County Extension Agent, Home Economics) Huron County, Cooperative Extension Service, effective April 26, 1971 through June 11, 1971, to participate in a program of professional improvement at The Ohio State University.

May 7, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

T. Roy Bogle, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective July 1, 1971 through June 30, 1972, to participate in a program of professional improvement at Purdue University.

Arthur L. Deisher, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective July 1, 1971 through December 31, 1971, to participate in an IFYE assignment.

John D. McConnell, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective July 1, 1971 through December 31, 1971, to participate in a program of professional improvement at the University of Florida.

Nancy E. Robinson, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective July 1, 1971 through June 30, 1972, to participate in a program of professional improvement at the University of Maryland under an IFYE Fellowship.

C. Emeritus Titles

Francis R. Aumann, Department of Political Science, with the title Professor Emeritus, effective July 1, 1971.

Emil Bozler, Department of Physiology, with the title Professor Emeritus, effective July 1, 1971.

Horace B. Davidson, Sr., Department of Pathology, with the title Professor Emeritus, effective July 1, 1971.

Merle C. Derrenbacher, University Library, with the title Professor Emeritus, effective July 1, 1971.

Clarene H. Dorsey, Department of English, with the title Professor Emeritus, effective July 1, 1971.

Clarence A. Forbes, Department of Classics, with the title Professor Emeritus, effective July 1, 1971.

Thyra B. Kabealo, Department of English, with the title Professor Emeritus, effective September 1, 1971.

Webster B. Kay, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1971.

May 7, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Joseph H. Koffolt, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1971.

Richard C. Larkins, School of Health, Physical Education, and Recreation - Men's Division, with the title Professor Emeritus, effective July 1, 1971.

James V. Logan, Jr., Department of English, with the title Professor Emeritus, effective July 1, 1971.

Everett J. Nelson, Department of Philosophy, with the title Professor Emeritus, effective July 1, 1971.

Harald H. Nielsen, Department of Physics, with the title Professor Emeritus, effective July 1, 1971.

Ralph M. Patterson, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1971.

Marion L. Pool, Department of Physics, with the title Professor Emeritus, effective July 1, 1971.

Donald W. Riley, Department of Speech, with the title Professor Emeritus, effective July 1, 1971.

Waldron D. Sheets, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1971.

Francis Weisenburger, Department of History, with the title Professor Emeritus, effective September 1, 1971.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
March 13, 1971 - April 16, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	8	\$ 194,198.00
Industrial and Other Research	3	24,000.00
<u>Grants</u>		
Government Research - Federal	23	1,056,083.00
Industrial and Other Research	<u>5</u>	<u>38,785.00</u>
Totals	39	\$1,313,066.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Theoretical and Experimental Aspects of Selection as Applied to Biological Groups (to be known as Project No. 2592-C - Mod. #2-1 - College of Biological Sciences, Genetics).  
Gross Value - \$4,250.00.
- b. Department of Army, U. S. Army Mobility Equipment Research and Development Center, Research and Development Procurement Office, Fort Belvoir, Virginia, Near Field Antenna Components for Mine Detectors (to be known as Project No. 2857 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$26,679.00.
- c. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Electro Magnetic Scattering Research (to be known as Project No. 2971 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$1,000.00.
- d. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Transpiration Cooling (to be known as Project No. 2977 - Amend. #P00004 - Department of Mechanical Engineering).  
Gross Value - \$12,500.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- e. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Development and Testing of a New Home Fallout Analysis Technique (to be known as Project No. 3186-A1 - New - Engineering Experiment Station).  
Gross Value - \$34,937.00.
- f. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise (to be known as Project No. 3189-A1 - New - Department of Otolaryngology).  
Gross Value - \$9,500.00.
- g. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, The Investigation of High-Temperature Oxidation Reactions (to be known as Project No. 3194-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$26,871.00.
- h. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C., Phase II - Verification of Fracture Mechanics Concepts to Predict Cracking of Flexible Pavements (to be known as Project No. 3200-A1 - New - Department of Civil Engineering).  
Gross Value - \$78,461.00.

TOTAL - Government Research Contracts - Federal \$194,198.00

2. Industrial and Other Research Contracts

- a. Columbus Model Cities Project, Bryson Building, Columbus, Ohio, Columbus Model Cities and Employment (to be known as Project No. 3197-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$2,000.00.
- b. American Iron & Steel Institute, New York, New York, Reactions During Solidification of Fe-X-O-S Melts (to be known as Project No. 3213-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$11,000.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- c. American Iron & Steel Institute, New York, New York, Vapor Pressures of Iron Alloys (to be known as Project No. 3214-A1 - New - Department of Metallurgical Engineering).  
Gross Value \$11,000.00.

TOTAL - Industrial and Other Research Contracts \$24,000.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hemopoiesis--A Histochemical and Cytological Study (to be known as Project No. 893-L - Ext. #12 - Department of Anatomy).  
Gross Value - \$33,330.00.
- b. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Physiological Effects of Artificial Gaseous Environment (to be known as Project No. 1492 - Sup. #7 - Department of Physiology).  
Gross Value - \$25,000.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-G - Rev. Award Ltr. Dtd. 2/25/71 - Department of Chemistry).  
Gross Value - \$5,621.00.
- d. 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 (to be known as Project No. 1820-G - Ext. #7 - Department of Chemistry).  
Gross Value - \$54,681.00.
- e. 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 (to be known as Project No. 2012-F - Ext. #6 - Department of Physiological Chemistry).  
Gross Value - \$30,983.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- f. National Science Foundation, Washington, D. C., Computer and Information Science Research Center (to be known as Project No. 2218 - Amend. #4 - Department of Computer and Information Science).  
Gross Value - \$306,100.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as Project No. 2516-D - Ext. #4 - Department of Chemistry).  
Gross Value - \$34,588.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Studies of Iron-Containing Enzymes (to be known as Project No. 2529-D - Ext. #4 - Department of Medicine).  
Gross Value - \$22,710.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-B - Rev. Award Dtd. 2/9/71 - Department of Veterinary Pathology).  
Gross Value - \$5,473.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Immunosuppression in Renal Heterotransplants (to be known as Project No. 2782-B - Ext. #2 - Department of Veterinary Clinical Sciences).  
Gross Value - \$11,128.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Yaba Virus Oncogenesis-Immunologic and Viral Factors (to be known as Project No. 2899-A - Ext. #1 - Department of Veterinary Pathology).  
Gross Value - \$41,992.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

1. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Ignition and Combustion of Subsonic and Supersonic Flowing Combustible Mixtures for Advanced Air-Breathing and Hybrid Engines (to be known as Project No. 3000-A1 - Mod. #AFOSR-70-1902A - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$40,000.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Individual Differences in Psychogenic Responses (to be known as Project No. 3024-A2 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$39,123.00.
- n. National Science Foundation, Washington, D. C., Theoretical Study of Legged Locomotion in Animals and Machines (to be known as Project No. 3137-A1 - Amend. #1 - Department of Electrical Engineering).  
Gross Value - \$9,300.00.
- o. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Designing New Patterns for Training, Research, Development, Demonstration/Dissemination and Evaluating Personnel in Education (to be known as Project No. 3185-A1 - New - College of Education).  
Gross Value - \$225,000.00.
- p. National Science Foundation, Washington, D. C., Studies--Originated Studies (to be known as Project No. 3198-A1 - New - College of Biological Sciences, Entomology).  
Gross Value - \$15,640.00.
- q. National Science Foundation, Washington, D. C., Problems in Molecular Structure Employing Infrared Techniques and Theory (to be known as Project No. 3205-A1 - New - Department of Physics).  
Gross Value - \$57,000.00.
- r. Department of Health, Education and Welfare, Office of Education, Chicago, Illinois, An Investigation of the Effect of Maturation of Imitative Ability in Second Language Learning: A Psycho-linguistic Study (to be known as Project No. 3206-A1 - New - College of Education).  
Gross Value - \$9,496.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- s. U. S. Department of Labor, Manpower Administration, Washington, D. C., A Cost-Benefit Study of Higher-Education Received Under the World War II, GI Bill (to be known as Project No. 3208-A1 - New - Department of Economics).  
Gross Value - \$13,023.00.
- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Extrarenal Renin and Intrarenal Blood Flow (to be known as Project No. 3209-A1 - New - Department of Medicine).  
Gross Value - \$36,602.00.
- u. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Spectroscopic Temperature Measurements in Arc-Driven Shock Tube Produced Flows (to be known as Project No. 3211-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$16,593.00.
- v. Department of Navy, Office of Naval Research, Arlington, Virginia, International Conference on Corrosion Fatigue (to be known as Project No. 3218-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$4,000.00.
- w. National Science Foundation, Washington, D. C., Surface Buckling on Meserve Glacier and Adjacent Glaciers, Wright Valley, Antarctica (to be known as Project No. 3219-A1 - New - Institute of Polar Studies).  
Gross Value - \$18,700.00.

TOTAL - Government Research Grants - Federal \$1,056,083.00

4. Industrial and Other Research Grants

- a. American Otological Society, Inc., St. Louis, Missouri, The Morphology and Mineralization of Ostosclerosis: A Scanning Electron Microscopic and Electron Microprobe Analytical Study (to be known as Project No. 2789-B - Ext. #2 - Department of Otolaryngology).  
Gross Value - \$11,935.00.
- b. Research Corporation, New York, New York, Spin Label Studies of Enzyme Conformation (to be known as Project No. 3199-A1 - New - Department of Chemistry).  
Gross Value - \$5,600.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- c. United Fund Health Foundation, Canton, Ohio, Early Hearing Loss Due to Environmental Noise Pollution (to be known as Project No. 3201-A1 - New - Department of Otolaryngology).  
Gross Value - \$7,500.00.
- d. United Fund Health Foundation, Canton, Ohio, Effect of Carbon Monoxide on Tissue Oxygen Supply (to be known as Project No. 3202-A1 - New - Department of Medicine).  
Gross Value - \$7,200.00.
- e. United Fund Health Foundation, Canton, Ohio, Normal and Diseased Lung Structure Function Relation as Shown by Stereoscanning Electron Microscopy (to be known as Project No. 3203-A1 - New - Department of Medicine).  
Gross Value - \$6,550.00.

TOTAL - Industrial and Other Research Grants \$38,785.00

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

	No. of Projects	Gross Value
Government Research Contracts	2	\$185,000.00

During the period from March 13, 1971 through April 16, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 276A Ext. #5	An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$180,000.00.
EES 361X Ext. #1	A Study of Testing Variance in Size Distribution Analysis of Course Aggregate Modification, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$5,000.00.

May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

C. Authorization to Execute Agreement Between The Ohio State University and the Central Ohio Technical College at Newark, Ohio

In response to a clearly identified need for technical education programs in the Newark, Ohio, area, the Ohio Board of Regents has authorized the creation of the Licking County Technical Institute District and in turn the establishment of the Central Ohio Technical College. The authorization for state universities to establish technical education programs in cooperation with technical institutes organized under the laws of Ohio, is in harmony with action taken by the 107th General Assembly, Section 3357.09 of the Ohio Revised Code.

President Fawcett recommended therefore that the President of the University be authorized to sign an agreement between The Ohio State University and the Central Ohio Technical College to provide for technical education programs on the Newark Campus of the University, to begin with the Autumn Quarter, 1971.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

\*

\*

\*

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 2, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance	\$3,025,862.00
Received Through The Ohio State University Development Fund	154,643.48

A. Administered Through the Office of Business and Finance

1. \$2,182,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Continuation of the Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period December 1, 1970 through January 31, 1972. (Grant No. OEG-3-7-00158-2037)
2. \$142,684.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Pathology - Training Grant," under the direction of the Department of Veterinary Pathology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01052-09)

May 7, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

3. \$132,509.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program - Basic Grant," under the direction of the School of Allied Medical Professions, for the period April 1, 1971 through March 31, 1972. (Grant No. 5 E01 AH 00606-05)
4. \$90,564.00 granted by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for a "Program to Provide Dental Care for Homebound, Chronically Ill and/or Handicapped in Columbus and Franklin County," under the direction of the College of Dentistry, for the period April 1, 1971 through March 31, 1972. (Grant No. 05 H 000102 03 0 - CS H29 C O)
5. \$82,069.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Otolaryngology and Audiology - Training Grant," under the direction of the Department of Otolaryngology, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 NS05397-09)
6. \$64,570.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "School of Extracorporeal Circulation Specialists - Training Grant," under the direction of the Department of Surgery, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 D02 AH 01034-04)
7. \$64,007.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH05061-25)
8. \$43,193.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Cardiology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 HE05786-05)
9. \$39,515.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Special Project Grant," under the direction of the College of Medicine, for the period March 15, 1971 through June 30, 1972. (Grant No. 3 D08 ME 00110-02S1)

May 7, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

10. \$36,868.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work - Training Grant," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH06530-15)
11. \$29,436.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Chemistry - Training Grant," under the direction of the Department of Pathology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01805-04)
12. \$27,919.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Area Planning Meetings for Continuing Education," under the direction of the School of Nursing, for the period April 1, 1971 through March 31, 1972. (Grant No. 1 D01 NU 09564-01)
13. \$24,000.00 additional grant by United States Atomic Energy Commission, Washington, D. C., to the University for graduate-level trainees, under the direction of the Department of Mechanical Engineering (Nuclear Engineering), for the period ending August 31, 1972. (Contract No. AT-(40-1)-3892 Modification No. 2)
14. \$23,196.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Community Organization," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH10789-05)
15. \$18,867.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cardiovascular Physiology - Training Grant," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 HE05659-07)
16. \$10,253.00 granted by National Science Foundation, Washington, D. C., to the University for "In-Service Institute in Earth Science for Secondary School Teachers," under the direction of the Department of Geology. This grant terminates on July 31, 1972. (GW-6729 - Proposal No. 1/0826)
17. \$7,290.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Special Purpose Traineeship Grant," under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 A04 AH 00081-01)

May 7, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

18. \$3,500.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Multi-Media Instructional System - Teaching Care of Patients with Impaired Vision," under the direction of the School of Nursing, for the period April 1, 1970 through March 31, 1971. (Grant No. 3 D10 NU 00469-01S1)
19. \$2,200.00 granted by State of Ohio, Department of Mental Hygiene and Correction, Columbus, Ohio, to the University to provide meeting facilities, visual aids, technical advice, instructional materials and academic instruction for line parole/probation officers, under the direction of the College of Administrative Science, Division of Continuing Education, for the period March 11, 1971 through August 31, 1971.
20. \$1,222.00 granted by State of Ohio, Department of Urban Affairs, Columbus, Ohio, to the University for a three-day conference program for local government personnel.

TOTAL - Administered Through the Office of Business and Finance  
\$3,025,862.00

B. Received Through The Ohio State University Development Fund

1. \$38,330.93 from Transportation Research Foundation, Washington, D. C., for the establishment of The Transportation and Logistics Research Fund.

The Transportation and Logistics Research Fund

The Transportation and Logistics Research Fund was established May 7, 1971, by the Board of Trustees of The Ohio State University by a gift to The Ohio State University Development Fund from the Transportation Research Foundation of Washington, D. C.

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

The annual income and/or principal is to be used to support Transportation and Logistics Research in the College of Administrative Science, by the appropriate department or faculty as determined by the Dean of the College.

Should the College of Administrative Science 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 of the appropriate administrative official of the University who is then directly responsible for transportation and logistics research.

May 7, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

2. \$27,032.88 from Associates of Medicine, Columbus, Ohio, for the discretionary fund for the Department of Medicine.
3. \$25,000.00 from an anonymous donor for the establishment of the College of Optometry Building Fund.

College of Optometry Building Fund

The College of Optometry Building Fund was established May 7, 1971, by the Board of Trustees of The Ohio State University by gifts through the Development Fund.

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

The annual income and/or principal is to be used to provide all or a portion thereof for the cost of developing, building, equipping, and maintaining a new building for the College of Optometry, as recommended by the Dean of said College and approved by other appropriate administrative officers.

Should the need for a new building diminish, then the income and/or principal may be used for the additions to or improvements upon the present building of the College of Optometry or for other purposes of supporting said College, as determined by the Board of Trustees upon the recommendation of the Dean of said College.

4. \$13,000.00 from Eli Lilly and Company, Indianapolis, Indiana-- \$7,000.00 for research in Organic Chemistry and \$6,000.00 for research in the College of Medicine.
5. \$10,000.00 from Martha Holden Jennings Foundation, Cleveland Heights, Ohio, for the New Dimensions Program.
6. \$9,686.00 from The Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
7. \$8,386.67 from The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund in the Department of Electrical Engineering.
8. \$6,507.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for scholarships.
9. \$5,700.00 from The Dispatch Printing Company, Columbus, Ohio-- \$3,500.00 for the Journalism Director's Fund, \$1,200.00 for journalism scholarships, and \$1,000.00 for the Journalism Career Institute.

May 7, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. \$5,000.00 from General Motors Corporation, Warren, Michigan, for the Department of Mechanical Engineering Support Fund.
11. \$5,000.00 from Procter and Gamble Company, Cincinnati, Ohio, for the Procter and Gamble Fellowship Fund in the Department of Physiological Chemistry.
12. \$1,000.00 from the Estate of Martin A. Coyle, Sr., for the establishment of the Martin A. Coyle, Sr., Memorial Fund.

Martin A. Coyle, Sr., Memorial Fund

The Martin A. Coyle, Sr., Memorial Fund was established May 7, 1971, by the Board of Trustees of The Ohio State University with a bequest from the Estate of Martin A. Coyle, Sr., J. D. '47, late of Hamilton, Ohio.

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

The annual income is to be used for the benefit of the College of Law as determined by the Dean of said College.

In the event of a reorganization of Colleges within the University then the use of said income shall be determined by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

TOTAL - Received Through The Ohio State University Development Fund  
\$154,643.48

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In March, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	564	\$ 32,707.30
Individuals Other than Alumni	244	43,801.62
Business Concerns	26	59,160.60
Foundations and Nonprofit Organizations	<u>28</u>	<u>101,087.60</u>
	862	\$236,757.12

\*

\*

\*

May 7, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Graduate Swimming Pool

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$181,552.00	\$188,860.02	\$7,308.02

For additional personnel safety and security during operation, it was deemed necessary to add lights in the courtyard, add fault interrupter to heated windows for safety in case of breakage, and revise door hardware. Also, conditions found during construction required additional excavation.

Funds for this project have been provided from the Dormitory Revenue Fund.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett made the following request for authorization to proceed with the installation of artificial turf:

I am now requesting authorization from the Board for this University to advertise for bids for the purpose of installing artificial turf in Ohio Stadium and on the practice field located at the North Athletic Complex. It is our hope to have both fields completed in time for the fall season.

This project was initiated approximately a year ago but was delayed by litigation concerned with the bidding procedures. The questions have now been resolved, and no further delays are anticipated.

A modification in the original plan for funding the turf project has been announced by the Athletic Council. In addition to gifts previously announced, the Council stated that reserve funds generated by athletic receipts will be used to cover increased costs in a total project of over \$500,000.

Gift income now totals nearly \$400,000 and the Athletic Department is still soliciting additional contributions. The balance between donations and total costs will be made up from the Athletic Reserve Fund. None of these funds comes from student fees or from State appropriations.

May 7, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

President Fawcett's statement (continued)

The Athletic Council decision to use some of its reserve funds in financing this important project was based on several factors. The one-year delay has already resulted in a substantial cost increase. Additional delay, however, would undoubtedly result in further increases in the cost.

The University has great need for such multi-purpose fields in support of the programs in athletics, intramurals, and recreation. Based on the experience at Minnesota, Indiana, Michigan, and Michigan State, artificial turf should permit greater utilization of these two playing fields over an extended period of time. The artificial surface also can be used under all but extremely severe weather conditions.

A. Ohio Stadium - Artificial Turf 1971

This project provides a complete system of artificial turf for the football field at the Ohio Stadium, The Ohio State University, with alternates intended to provide a practice field with artificial turf at the North Athletic Facility if sufficient funds are available.

Funds for this project have been provided from Gifts, Interest on Gifts, and Athletic Reserves.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous roll call vote. Vice President Carson was authorized to advertise for bids and to award contracts if satisfactory bids are received, with ratification at a subsequent meeting.

President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

B. Cockins Hall Remodeling

This project will provide additional classrooms for the Department of Mathematics, including the Division of Statistics, and the Department of Geodetic Science and improvements to the Mathematics Library.

Funds for this project have been provided from Item 315-074 Utilities and Renovation, H. B. 531, and a transfer from Budget Account 149997 New Programs Reserve to Budget Account 801181 Cockins Hall.

C. Animal Science Livestock Center

This project will provide housing and facilities for the production, maintenance, and utilization of animals for teaching and research purposes of the College of Agriculture.

Funds for this project have been provided from Item 235-010 Board of Regents Architectural Planning, H. B. 531, and Item 315-068 College of Agriculture, H. B. 531.

May 7, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

D. Lima Campus - Expansion and Improvements of Parking Facilities

This project will provide additional parking spaces, improve drainage, add lighting, repair pavement where base failures exist, and resurface all lots and roadways that do not now meet the University construction standards.

Funds for this project have been provided from the Lima Parking Rotary and a loan from Budget Account 809999 Plant Funds Accounts Receivable with the understanding that Instructional and General reserves and current funds are security for the loan.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Ambulatory Patient Teaching Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 5-4-71)		
R. W. Setterlin and Sons Co. (Columbus)		
Base bid (including site work Items IA, IB, and IC)	\$5,230,000.00	\$ 6,089,000.00
Alt. G-1 Add 2 passenger elevators	115,000.00	150,000.00
Alt. G-2 Add 2 service elevators	95,000.00	160,000.00
Total	<u>\$5,440,000.00</u>	<u>\$ 6,399,000.00</u>
<u>Plumbing Contract</u>		
(7 bids received 5-4-71)		
Gesling Company (Lancaster)		
Base bid (including site work Items IIA, IIB, and IIC)	<u>\$ 875,000.00</u>	<u>\$ 1,262,087.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 5-4-71)		
Limbach Co. (Columbus)		
Base bid (including site work Item IIIA)	<u>\$1,493,700.00</u>	<u>\$ 2,304,097.00</u>

May 7, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Ambulatory Patient Teaching Facility (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 5-4-71)		
Electric Power Equipment Co. (Columbus)		
Base bid (including site work Items IVA, IVB, and IVC)	\$1,527,768.00	\$ 1,789,816.00
Alt. E-1 Add 2 passenger elevators	5,166.00	1,500.00
Alt. E-2 Add 2 service elevators	5,166.00	1,500.00
Total	<u>\$1,538,100.00</u>	<u>\$ 1,792,816.00</u>
Total Contracts to be awarded at this time*	<u>\$9,346,800.00</u>	<u>\$11,758,000.00</u>

\*The bids for the Laboratory Casework Contract are under study and recommendation for the award of this contract will be presented to the Board of Trustees at a later date.

Funds for this project have been provided from Item 315-016 Medical Complex, H. B. 531, and a Public Health Service Grant.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\* \* \*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

- 31 Approves the release of \$50,000.00 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Derby Hall Alterations."
- 33 Approves the release of \$63,000.00 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Electrical System Expansion."
- 34 Approves the award of contract for the Laboratory Equipment for the project "Dental Building Phase II" notwithstanding the fact that the bid exceeds the estimate of cost.

\* \* \*

May 7, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lima Campus - Expansion and Improvements of Parking Facilities, Employment of Engineers

President Fawcett recommended that the engineering firm of Kohli and Kaliher Associates, Lima, Ohio, be employed to provide detail plans and specifications, engineering services and consultation during construction and final acceptance on completion of construction.

The fee for this service will be based upon 9 per cent of the first \$100,000 and 6 per cent of the remaining construction cost.

Funds for this project have been provided from the Lima Parking Rotary and a loan from Budget Account 809999 Plant Funds Accounts Receivable with the understanding that Instructional and General reserves and current funds are security for the loan.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote.

B. Insurance Coverage - Student Health Insurance Program

In accordance with the Board action taken involving student health insurance in September, 1957; April, 1958; February, 1966; June, 1969; and May, 1970, The Ohio State University Student Health Insurance Program has been revised and benefits improved. To meet the rapid inflation which is continuing in hospital and medical costs, and to provide improved coverage requested by the Subcommittee on Student Insurance and formally endorsed by the Council on Student Affairs, substantial benefit improvements have been included within the Student Health Insurance Program for the 1971-72 policy years, as described in Exhibit A, on file with the records of the Board of Trustees. In full accordance with the existing renewal agreement with the Continental Casualty Company which expires on September 30, 1973, the OSU Student Health Insurance Program for the 1971-72 policy year, including the benefit improvements listed in Exhibit A, will be made available to all students at the increased quarterly premium rates shown below:

	<u>Quarterly Premium Rates</u>	
	<u>1970-71</u>	<u>1971-72</u>
	<u>Year</u>	<u>Year</u>
Student	\$12	\$14
Student and Spouse	26	28
Student, Spouse, and All Children	42	46

After a detailed review of the Student Health Insurance Program, the Subcommittee on Student Insurance of the Council on Student Affairs recommended that Continental Casualty Company continue to underwrite the program for the 1971-72 year. This recommendation has been endorsed by the University's insurance consultants and by the Council on Student Affairs.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

\* \* \*

May 7, 1971 meeting, Board of Trustees

## X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Ralph S. Fanning, Professor Emeritus in the College of The Arts - Division of History of Art; Pauline G. Hall, Associate Professor (Extension Nutritionist) in the Cooperative Extension Service and the School of Home Economics; Thaddeus H. Parks, Professor Emeritus in the College of Biological Sciences - Academic Faculty of Entomology; Bashford W. Reading, County Extension Agent Emeritus in the Cooperative Extension Service; and Howard Francis Seely, Professor Emeritus in the College of Education. In accordance with the instructions of the Board of Trustees copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

### A. Ralph S. Fanning

The Board of Trustees expresses its sorrow at the death on March 15, 1971, of Ralph S. Fanning, Professor Emeritus in the College of The Arts - Division of History of Art.

Dr. Fanning was born November 29, 1889, in Riverhead, Long Island, N. Y. He was prepared for Cornell University at the Friends Academy in Locust Valley, L. I. After receiving a Bachelor's degree in architecture from Cornell and becoming a member of Phi Beta Kappa, he went to the University of Illinois where he received a Master of Science degree in 1917, a Master of Architecture degree in 1920, and became an Associate in Architecture. In 1921 he joined the faculty of The Ohio State University as Assistant Professor and was made a full Professor in 1924. He remained here as head of the History of Art area until his retirement in 1956. In 1959 the University awarded him the honorary degree of Doctor of Humane Letters.

During his years as a faculty member of the School of Fine Arts he built and enriched the History of Art program and introduced to the University the first graduate program in Art History. He served on many important University committees such as the Graduate Council and the Faculty Council. His civic contributions included initiating the Autumn Institute of Adult Education for the First Congregational Church and serving on the Board of Managers of the Columbus Gallery of Fine Arts.

Dr. Fanning's scholarly interests were evidenced in his study travel in Egypt, the Near East, North Africa, and Mexico as well as in his five summers at Columbia University as a Research Scholar. His investigations in this country included Greek Revival Architecture and the American painter, Thomas Cole. Among his publications were An Outline for the Study of History of Art, numerous articles for professional journals as well as co-authorship of Italian Renaissance, Hellenic, and Gothic for Pittman publishers and Putnam's Guide to the History of Art.

Whether at home or abroad, Dr. Fanning took great pleasure in painting and was seldom without a sketch pad, even during the sixteen rigorous summers he spent as lecturer with the Bureau of Travel in Europe. He developed his sketches into hundreds of water color paintings which have been exhibited nationally and internationally and won awards such as the Beaux Arts Society of New York Medal, the Francis Sampson and the Robert Wolfe prizes. Many of his paintings are now in private collections as well as in that of The Ohio State University.

May 7, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph S. Fanning (continued)

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 of Ralph S. Fanning as a humble expression of the Board's sympathy in its bereavement.

B. Pauline G. Hall

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 23, 1971, of Pauline G. Hall, Associate Professor (Extension Nutritionist) in the Cooperative Extension Service and the School of Home Economics.

Mrs. Pauline Gruner Hall was born November 5, 1927, in Logan, Ohio. She spent her early life on a farm in Hocking County. In 1944, she graduated from Logan High School as valedictorian of her class. After graduating from high school, she enrolled in the College of Agriculture at The Ohio State University where she was awarded the Bachelor of Science in Home Economics degree in 1950 and Master of Science degree in 1956.

Beginning on December 1, 1952, Mrs. Hall was employed as a home demonstration agent in Pike County with the rank of Instructor. After completing her Master of Science degree and beginning on September 1, 1956, she became an Extension Specialist in Nutrition with the rank of Assistant Professor and was promoted on July 1, 1962, to the rank of Associate Professor. In October 1961, Pauline Gruner married James Hall of Columbus. Mrs. Hall was on leave during 1969 to work on her Ph.D. degree. She had nearly finished her course work at the time of her death.

Throughout her career as a faculty member with the Ohio Cooperative Extension Service, Mrs. Hall enjoyed the respect and admiration of the people of the State of Ohio, as well as her fellow workers. She worked successfully with all age groups and was highly regarded by the youth of the state with whom she had developed educational programs in nutrition. Her effective leadership with home economists and acquaintances in other agencies and organizations led to her selection as program chairman for both regional and national meetings. Her ability to work and execute effective educational programs was very widely recognized. She served on many important professional committees and task forces and always contributed in a remarkable way.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Hall its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

May 7, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Thaddeus H. Parks

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 31, 1971, of Thaddeus H. Parks, Professor Emeritus in the College of Biological Sciences - Academic Faculty of Entomology.

Professor Parks was born February 14, 1887, in Ashville, Ohio. He was graduated from Ashville High School and completed his Bachelor of Science in Agriculture degree at The Ohio State University in 1909, specializing in entomology under the late Professor Herbert Osborn. From 1909 to 1913 he was employed as an Entomological Assistant, U. S. Department of Agriculture, in Mississippi and Utah. From 1913 to 1915 he served as the first Extension Entomologist in the United States, employed by the University of Idaho. In 1916 he joined the faculty at Kansas State College as Extension Entomologist where he remained for two years. In 1918 Mr. Parks returned to The Ohio State University as the first Extension Entomologist, where he remained until his retirement in May, 1956. He took a leave of absence in 1924-25 to complete his Master of Science in entomology at the University of Illinois. His outstanding work in extension entomology in Ohio was recognized by the U. S. Department of Agriculture in 1951, when he presented the Superior Service Award--"For his vision and leadership in the development of extension entomology; for his contribution to the development of measures to control the Hessian fly; and for leadership in the development of a spray service for Ohio fruit growers." He was awarded an honorary Doctor of Science degree by The Ohio State University in 1957.

T. H. Parks pioneered the field of extension entomology with a total of 47 years of public service. During his lifetime he assisted farmers, growers, and home owners alike solve their entomological problems with practical control measures based on scientific research. During his tenure he wrote thousands of popular articles, bulletins, and circulars, as well as 166 scientific publications dealing with insect related problems. He was widely known and respected for his ability, candor, and dedication to his job. He contributed greatly to the agricultural progress of this state and to the nation.

In 1954 he was made an honorary life member of the Ohio State Horticulture Society. He was also a member of Sigma Xi and Epsilon Sigma Phi and an active member of the Entomological Society of America.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Parks its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

D. Bashford W. Reading

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 25, 1971, of Bashford W. Reading, County Extension Agent Emeritus in the Cooperative Extension Service.

May 7, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Bashford W. Reading (continued)

Mr. Reading was born June 30, 1895, in Delaware, Ohio. He attended school in both Delaware and Toledo. He attended Ohio Wesleyan University before enrolling at The Ohio State University, where he was awarded the Bachelor of Science degree in 1920. He pursued graduate education at The Ohio State University and the Graduate School of the United States Department of Agriculture.

Mr. Reading was in the farm implement business for two years and taught school for six years before joining the Cooperative Extension Service.

On January 1, 1928, Mr. Reading was appointed to the position of County Agricultural Agent in Sandusky County. He continued to serve in this capacity until his retirement June 30, 1957.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Reading earned and enjoyed the respect and admiration of the people of Sandusky and surrounding counties and of his fellow workers. He was recognized as a staunch supporter of agriculture in its broadest ramifications and was a source of strong, continuing leadership in his community. Service on important professional committees was routine for him. He set high standards of performance and demonstrated his convictions.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Reading its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

E. Howard Francis Seely

The Board of Trustees expresses its sorrow at the death on February 11, 1971, of Howard Francis Seely, Professor Emeritus in the College of Education.

Professor Seely, together with his wife Enid, established the Maribelle Seely Baker Memorial Scholarship in 1965 in memory of their late daughter by a gift of \$25,000 to The Ohio State University. The scholarship provides a \$1,000 annual award to an undergraduate student majoring in the teaching of English in the College of Education.

A native of Michigan, Professor Seely was born May 21, 1893, and received his A. B. degree from the University of Michigan, where he was elected to Phi Beta Kappa, and his M. A. degree and the title of Supervisor of English from Columbia University.

Early in his teaching career Professor Seely received recognition as an outstanding teacher of English and served as chairman of the English department of two well-known private schools, Scarborough-on-the-Hudson, New York, from 1918 to 1923, and the John Burroughs School, St. Louis, Missouri, from 1923 to 1928. This recognition led to his appointment to the faculty of

May 7, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Howard Francis Seely (continued)

Columbia University, where he taught courses in the teaching of English in the summer sessions for six years. During this period he was also an actor, playwright, and director in the Beechwood Playhouse.

In 1928, Professor Seely joined the staff of the College of Education, The Ohio State University, where he served without interruption until his retirement in 1958. He became widely known and respected as a talented lecturer, a teacher who set high standards for both himself and his students, and a leader in the development of modern secondary school English programs.

In his book, Enjoying Poetry in School, Professor Seely presented a vigorous plea for a humane approach to literature aimed at promoting a genuine appreciation of poetry and a lifelong interest in reading it. In On Teaching English he proposed that the principles of grammar be taught inductively as an aid to the achievement of good English usage and that written composition activities include opportunity for creative writing, in both prose and poetry, characterized by originality and imagination. His widely used secondary school text, Experiences in Thought and Expression, provided teachers with a variety of materials and methods for translating tested principles of teaching English into classroom practice. He was also the co-author of two other secondary school texts, Recent Short Stories for Enjoyment and Experiences in Speaking. His many articles on the teaching of English appeared in such publications as the English Journal, Educational Research Bulletin, and Ohio Schools.

The Board of Trustees, on behalf of the University, extends to his widow, Mrs. Howard Francis Seely, and to other members of his family its sincere sympathy in the loss they have sustained. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to Mrs. Seely as an expression of the Board's deep sympathy in her bereavement.

\*

\*

\*

XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held April 16, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on April 16, 1971:

Approved the request permitting the consolidation of pledges of income to secure revenue bonds issued by the Board of Trustees of The Ohio State University.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment

Mr. Shocknessy presented the following resolution:

GENERAL BOND RESOLUTION

Providing for the issuance from time to time of General Receipts Bonds of The Ohio State University, for the payment of the principal of and interest on such Bonds, and for securing such payment.

WHEREAS, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, as enacted by the 108th General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University, a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code (and herein called "University Facilities") and to refund, fund or retire such Bonds and other obligations previously issued for such purpose; (b) to pledge to the payment of such Bonds the gross amount of the General Receipts of the University, as defined in Section 1 hereof, in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond service charges on the Bonds, establish and maintain the Required Reserve and meet other requirements herein provided; and (d) to provide for a trust agreement and make further provisions for securing the payment of the Bond service charges; and

WHEREAS, the University desires to make provision for the issuance from time to time of the Bonds herein described, and for the payment of the Bond service charges thereon and the securing thereof by this Resolution and the Trust Agreement herein authorized, and to provide for each issue of Bonds to be authorized by a separate Series Resolution based upon this Resolution and such Trust Agreement;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. **Definitions and Interpretations.** The following words and terms as used in this Resolution, in Series Resolutions, in the Trust Agreement and in the Bonds shall have the following

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

meanings unless otherwise therein provided and unless the context or use clearly indicates another or different meaning or intent:

“Act” means Sections 3345.11 and 3345.12 of the Ohio Revised Code, as the same may be amended, modified, revised, supplemented, or superseded from time to time, provided that no further action by the General Assembly of Ohio shall alter the obligation of the University to pay the Bond service charges in the amount and manner, at the times, and from the sources provided in this Resolution, the applicable Series Resolution and the Trust Agreement, except as otherwise herein permitted.

“Board” means the Board of Trustees of the University.

“Bond” or “Bonds” means any Bond, or all of the Bonds, or an issue or series of Bonds, as the case may be, of the University issued pursuant to the General Bond Resolution and any Series Resolution.

“Bondholder” or “holder” or “holder of Bonds” or any similar term, means any person who is the bearer of a coupon Bond which is not registered as to principal or the principal of which is registered to bearer, or the person in whose name a registered Bond is registered, and as to a coupon means the bearer of the coupon.

“Bond Pledge Fund” means the General Receipts Bond Pledge Fund of the University provided for in Section 5 hereof.

“Bond proceedings” means the General Bond Resolution, the Trust Agreement, applicable Series Resolution, Supplemental Trust Agreements and other resolutions and agreements, and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

“Bond Redemption and Purchase Account” means the account, so designated, in the General Receipts Bond Service Fund established pursuant to Section 6 hereof.

“Bond service charges” means the principal, including any mandatory sinking fund requirements, interest, and redemption premium, if any, required to be paid by the University on the Bonds. In determining Bond service charges for a fiscal year or any other period, mandatory sinking fund requirements for such fiscal year or period shall be taken into account and principal maturities for which mandatory sinking fund requirements are imposed in a prior fiscal year or period shall, to such extent, be disregarded.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

“Bond Service Account” means the account, so designated, in the General Receipts Bond Service Fund established pursuant to Section 6 hereof.

“Bond Service Fund” means the General Receipts Bond Service Fund created in Section 6 hereof.

“Bond Service Reserve Account” means the account, so designated, in the General Receipts Bond Service Fund established pursuant to Section 6 hereof.

“Costs of University Facilities” means the costs of or related to University Facilities, and the financing thereof, for the payment of which obligations may be issued under the Act.

“Coupon” or “interest coupon” means any of the coupons evidencing the installments of interest on the applicable coupon Bond.

“Coupon Bond registered as to principal” means any coupon Bond at the time registered as to principal in the name of the bondholder.

“Eligible investments” means any bonds or other obligations which as to principal and interest constitute direct obligations of or are guaranteed by the United States of America, tax supported obligations of the State of Ohio, obligations issued by any agency or instrumentality of the United States of America, and certificates of deposit or similar instruments of banks or trust companies, including the Trustee, organized under the laws of the United States or any State thereof and which are members of the Federal Deposit Insurance Corporation, which have combined capital and surplus of at least \$10,000,000 or, if a bank or trust company having its principal office in Ohio, which fully and continuously secures such deposit by the pledge or hypothecation of obligations which as to principal and interest are direct obligations of or are guaranteed by the United States of America and have a market value at least equal to the face amount of such certificates of deposit or similar instruments; provided that such investment or deposit by the University is not prohibited by law.

“Fiscal Officer” means the Vice President, Business and Finance of the University or such other officer of the University as may be, or be designated by the Board as, the chief fiscal officer of the University, as shown in a written certification maintained by the University on file with the Trustee, signed by the President of the University or Secretary of the Board and currently identifying the Fiscal Officer, and shall also mean any officer of the University identified in such certificate as an alternate to the aforesaid officer.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

“Fiscal year” means a period of twelve consecutive months commencing on the first day of July of any year and ending on the last day of June of the following year: or such other consecutive twelve month period as may hereafter be established as the fiscal year of the University for budgeting and accounting purposes to be evidenced, for purposes hereof, by a certificate of the Fiscal Officer filed with the Trustee.

“General Bond Resolution”, “Bond Resolution” or “this Resolution” as used herein, means this Resolution, which shall constitute part of the Trust Agreement, as the same may be amended from time to time in accordance with the provisions of the Trust Agreement.

“General Receipts” means all moneys received by the University including but not limited to all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, health fees or other special purpose fees or otherwise designated; all gross income, revenues and receipts from the operation, ownership, or control of University Facilities; all grants, gifts, donations and pledges and receipts therefrom; and the proceeds of the sale of obligations, including proceeds of obligations issued to refund obligations previously issued, to the extent and as allocated to Bond service charges under the proceedings authorizing such obligations. However, there shall be excluded from General Receipts: (i) moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and is made hereunder by a Supplemental Trust Agreement approved by the Board, any grants, gifts, donations and pledges and receipts therefrom which under restrictions imposed in the grant or promise thereof or as a condition of the receipt thereof are not available for payment of Bond service charges, moneys received in connection with branch campus operations, and any special fee charged pursuant to Section 154.21(D) of the Ohio Revised Code and receipts therefrom; and (ii) those receipts pertaining to athletic events which are presently pledged under the March 1, 1955 trust agreement with The Ohio National Bank of Columbus, Columbus, Ohio, but only so long as any athletic department revenue bonds of the University heretofore issued are outstanding thereunder, and those receipts pertaining to dormitory facilities which are presently pledged under the April 15, 1957 trust agreement with The Ohio National Bank of Columbus, Columbus, Ohio, and supplements thereto, but only so long as any dormitory revenue bonds of the University heretofore or hereafter issued are outstanding thereunder, except that the surplus

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

amounts resulting from any such receipts available for any lawful purpose of the University pursuant to the respective 1955 and 1957 trust agreements and are released from the pledge thereof shall nevertheless be included in General Receipts. Any receipts of the University which it may at any time lawfully pledge to the security of the Bonds may be included, or confirmed to be included, in General Receipts by Supplemental Trust Agreement approved by the Board.

“Mandatory sinking fund requirements” means amounts required by any Series Resolution to be deposited to the Bond Service Fund in any fiscal year for the purpose of retiring principal maturities of Bonds which by the terms of such Bonds are due and payable, if not called for prior redemption, in any subsequent fiscal year.

“Obligations” means bonds or notes or other evidence of obligation, including the Bonds, and including interest coupons pertaining thereto.

“Original Purchaser” as to any Bonds means the person or persons expressly named in the applicable Series Resolution as the original purchaser of those Bonds from the University.

“Outstanding Bonds” or “Bonds outstanding” or “outstanding” as applied to Bonds, means, as of any date, all Bonds which have been authenticated and delivered, or are then being delivered, by the Trustee under the Trust Agreement except:

(a) Bonds surrendered for exchange or transfer or cancelled because of payment or redemption at or prior to such date;

(b) Bonds for the payment, redemption or purchase for cancellation of which sufficient moneys have been deposited prior to such date with the Trustee or Paying Agents (whether upon or prior to the maturity or redemption date of any such Bonds), or which are deemed to have been paid and discharged pursuant to the provisions of the Trust Agreement; provided that if such Bonds are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given or arrangements satisfactory to the Trustee shall have been made therefor, or waiver of such notice satisfactory in form to the Trustee shall have been filed with the Trustee, and provided, further, that if such Bonds are to be purchased for cancellation, a firm offer for sale stating the price has been received and accepted; and

(c) Lost, stolen, mutilated or destroyed Bonds in lieu of which others have been authenticated (or payment, when due, of which is made without replacement) under the Trust Agreement.

“Paying Agents” means any banks or trust companies designated as the paying agencies or places of payment for Bonds by or pursuant to the applicable Series Resolution, and their successors designated pursuant to the Trust Agreement, and shall also mean the Trustee when so designated for such purpose.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

“Registered Bonds” means Bonds registered in the name of the holder, including coupon Bonds registered as to principal and fully registered Bonds; and “fully registered Bonds” means Bonds without coupons registered as to both principal and interest.

“Required Reserve” in the Bond Service Reserve Account means, at any time, an amount equal to the highest annual Bond service charges falling due in any subsequent fiscal year on all outstanding Bonds.

“Series Resolution” means a resolution of the Board authorizing the issuance of Bonds in accordance with the General Bond Resolution, and particularly Section 3 hereof, and includes any resolution or certificate providing for or evidencing the award and terms of the Bonds as authorized by such Series Resolution.

“Special funds” or “special funds and accounts” means the Bond Pledge Fund, the Bond Service Fund, and accounts therein, and any other funds or accounts permitted by, established under, or identified in the Trust Agreement or a Series Resolution.

“State” means the State of Ohio.

“Supplemental Trust Agreement” means any one or more of Supplemental Trust Agreements entered into by the parties pursuant to the Trust Agreement, and includes, where set forth therein, the Series Resolution.

“Trust Agreement” means the Trust Agreement between the University and the Trustee, dated as of June 1, 1971, including the General Bond Resolution as part thereof, and the Supplemental Trust Agreements, as the same may be duly amended, modified or supplemented.

“Trustee” means the Trustee at the time serving under the Trust Agreement, originally The Huntington National Bank of Columbus, Columbus, Ohio, and any successor Trustee as determined or designated under or pursuant to the Trust Agreement.

“University” means The Ohio State University established and existing under Chapter 3335 of the Ohio Revised Code, and every part and component thereof as from time to time existing, and when the context admits, includes its Board of Trustees.

“University Facilities” means buildings, structures, and other improvements, and equipment, real estate and interests in real estate therefor, all or any part of the costs of which are at any time authorized by the Act to be financed by the issuance of obligations, including but not limited to such facilities to be used for or in connection with student activity or student service

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

facilities, dining halls, and other food service and preparation facilities, dormitories, and other living quarters and accommodations, vehicular parking facilities, bookstores, athletic and recreational facilities, faculty centers, auditoriums, assembly and exhibition halls, hospitals, infirmaries and other medical and health facilities, research, and continuing education facilities, and includes any one, part of, or any combination of the foregoing, and further includes site improvements, utilities, machinery, furnishings and any separate or connected buildings, structures, improvements, sites, utilities or equipment to be used in, or in connection with the operation or maintenance of, or supplementing or otherwise related to the services or facilities to be provided by, any University Facilities.

Any reference herein to the University, the Board, or to any officers or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond service charges in the amount and manner, at the times, and from the sources provided in this Resolution, the applicable Series Resolution, and the Trust Agreement, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof", "herein", "hereby", "hereto", "hereunder", and similar terms, mean this Resolution and the Trust Agreement.

Section 2. Authorization; Pledge; and Covenant.

(a) The Bonds, to be designated and known as "General Receipts Bonds", shall be issued pursuant to and as authorized by the Act, Section 21 of Article VIII of the Ohio Constitution, this Resolution and the Trust Agreement to pay costs of University Facilities, to pay the principal of and interest and redemption premium on notes issued for such purpose, including renewals thereof, and to refund, fund or retire obligations issued for such purpose. The Bonds may be issued in amounts hereafter authorized from time to time by the Board, without any limitation as to amount except as provided in this Resolution or any applicable Series Resolution or as may hereafter be provided by law. The Bonds shall from time to time be authorized by Series Resolutions as herein provided.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

(b) There is hereby pledged, in priority to all other expenses, claims and payments, to the security of the Bonds and for the payment of the Bond service charges and for establishment and maintenance of the Required Reserve as provided in the Bond proceedings, the gross amount of General Receipts of the University and the Bond Pledge Fund and the Bond Service Fund, as herein provided. In accordance with the Act, all the General Receipts are immediately subject to the lien of the pledge upon receipt thereof by the University, and such pledge creates a perfected security interest without necessity for prior separation, physical delivery, filing or recording or further act.

(c) For the further security of the Bonds, the University hereby covenants with the bondholders and the Trustee that so long as any Bonds are outstanding the University will fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond service charges when due, (ii) to establish and maintain the Required Reserve as provided in the Bond proceedings, and (iii), together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

(d) All Bonds shall be equally and ratably secured without distinction by reason of series designation, number, date of authorization, issuance, sale, execution, or delivery, or date of the Bonds or of maturity, by the pledge of the General Receipts, the Bond Pledge Fund and the Bond Service Fund to the extent provided in, and except as otherwise permitted by this Resolution. Nothing in the Act, this Resolution, the Trust Agreement or other Bond proceedings gives the holders of Bonds or coupons, and they do not have, the right to have the General Assembly of the State levy any excises or taxes for the payment of Bond service charges and each Bond shall bear on its face a statement to that effect and to the effect that the right of such holders to the payment of Bond service charges shall be limited to payment thereof from the General Receipts, the Bond Pledge Fund and the Bond Service Fund as provided herein and in the applicable Series Resolution; provided, however, that nothing herein or in the Bond proceedings shall be deemed to prohibit the University or the State, of its own volition, from using to the extent lawfully authorized to do so any other resources for the fulfillment of the terms, conditions or obligations of this Resolution, Series Resolutions, the Trust Agreement and the Bonds.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

Section 3. Series Resolutions. Each issue of Bonds shall be authorized by a resolution adopted by the Board, herein called "Series Resolution". Each Series Resolution shall make provision, in manner consistent with this Resolution and the Trust Agreement, for the following with respect to each series of the Bonds thereby authorized:

- (1) the purpose for which issued as permitted by the Act;
- (2) the authorized principal amount;
- (3) the date of such Bonds, the interest rate or rates or the maximum interest rate, their maturities, and the interest payment dates;
- (4) the series designation and denominations of and manner of numbering such Bonds;
- (5) the redemption provisions, if any, including any premium to be paid upon redemption;
- (6) mandatory sinking fund requirements, if any, pertaining to such Bonds;
- (7) the place or places of payment of the Bond service charges on such Bonds;
- (8) the manner of sale of such Bonds;
- (9) the disposition of the proceeds from the issuance of such Bonds;
- (10) the funding of the Required Reserve in manner consistent with clause (2)(i) of Section 7(b) hereof;
- (11) the authorization of a Supplemental Trust Agreement pertaining to such Bonds; and
- (12) any other provisions deemed advisable by the Board.

Each Series Resolution shall state that it is adopted pursuant to this Resolution and the Trust Agreement.

Section 4. General Terms and Provisions of Bonds. All Bonds shall be designated "General Receipts Bonds" and Bonds of each series shall bear in addition a series designation to distinguish them from other series of Bonds, and shall express on their faces the purpose for which issued, and shall bear such other statements or legends as may be required by law or this Resolution. All Bonds shall be negotiable instruments, subject to applicable provisions for registration, and Bond service charges on all Bonds shall be payable in lawful money of the United States.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

Subject to provisions of the applicable Series Resolution, the Bonds shall be issuable in the forms of coupon Bonds registrable as to principal only and fully registered Bonds and may be exchanged as between such forms, all as provided in the Trust Agreement.

All Bonds shall be executed in a manner consistent with applicable law in effect at the time of their issuance. Unless otherwise provided thereby or by the applicable Series Resolution, all Bonds shall be executed by the Chairman of the Board or the President of the University and by the Fiscal Officer or the Secretary of the Board, provided that all of such signatures may be facsimile signatures, and may have the seal of the University or a facsimile thereof affixed or printed thereon, and coupons pertaining thereto shall bear the facsimile signature of the Fiscal Officer or the Secretary of the Board.

Unless otherwise provided in the applicable Series Resolution, notice of call for redemption of Bonds, identifying the Bonds or portions of fully registered Bonds to be redeemed, the date fixed for redemption and the places where the amounts due upon such redemption are payable, shall be given by at least two publications in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If, because of the temporary or permanent suspension of the publication or circulation of the appropriate newspapers or financial journals or for any other reason, it is impossible or impractical to publish such notice of call for redemption in the manner provided herein or in the applicable Series Resolution, then such publication in lieu thereof as is made with the approval of the Trustee shall constitute a sufficient publication of such notice. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption of all Bonds to be redeemed, together with interest to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such redemption date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequent to the redemption date shall be void.

Section 5. General Receipts Bond Pledge Fund; Payments to Bond Service Fund.

(a) The University hereby covenants that it will establish and will maintain so long as any Bonds are outstanding a special fund of the University as a trust fund separate and apart from other funds of the University, and designated General Receipts Bond Pledge Fund (herein sometimes

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

called "Bond Pledge Fund"). Moneys standing to the credit of the Bond Pledge Fund shall be maintained in an account or accounts with a bank or banks which are members of the Federal Deposit Insurance Corporation and have a combined capital and surplus of at least \$10,000,000 or, if a bank or trust company having its principal office in Ohio, which fully and continuously secure such deposits by the pledge or hypothecation of obligations which as to principal and interest are direct obligations of or are guaranteed by the United States of America and have a market value at least equal to the amount of such deposit, or such moneys shall be invested in eligible investments pursuant to paragraph (e) of this Section. The Bond Pledge Fund is hereby pledged to the payment of Bond service charges in the manner hereinafter provided, in priority to any and all other expenses, claims or payments, but nothing in this Resolution with regard to the Bond Pledge Fund shall in any way be deemed to qualify, limit or restrict the pledge by the University of all General Receipts to the payment of Bond service charges as provided in Section 2 hereof.

(b) While any Bonds are outstanding, the University covenants that it will include in its budget for each fiscal year the amount required to be paid to the Bond Service Fund, established under Section 6 hereof, during such fiscal year. The University shall from time to time determine, and reflect in such budgets, the amounts from respective sources of General Receipts to be applied to meet such payments, in such manner that the amounts from such sources, in aggregate, will at all times be sufficient in amounts and times of collection to meet all payments required to be made into the Bond Service Fund.

(c) Promptly following the major collection of fees and charges for each academic term of the University, the University shall pay into the Bond Pledge Fund from its collections of General Receipts appropriate portions of such collections in accordance with such budget, provided that such payments shall in any event result in balances in the Bond Pledge Fund during the then current fiscal year at least sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund and that no further payments need be made into the Bond Pledge Fund at any time when the amount therein is adequate to meet all remaining payments required to be made to the Bond Service Fund during the then current fiscal year. Subject to the requirement of this paragraph as to adequacy of the payments to the Bond Pledge Fund during each fiscal year, the Fiscal Officer may adjust subsequent budgeted payments to take into account

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

investment earnings in the Bond Pledge Fund in excess of amounts previously estimated, and further, the University may elect not to pay any portion of the collections for the summer term into the Bond Pledge Fund, but such election shall not exempt such collections of General Receipts from the pledge and lien provided in Section 2 hereof.

(d) Moneys standing to the credit of the Bond Pledge Fund shall be paid over in the amounts, at the times, and for credit to the Bond Service Account and the Bond Service Reserve Account as provided in and pursuant to Section 7 hereof, and any amounts in the Bond Pledge Fund in excess of payments required to be made to said Accounts during the then current fiscal year may be transferred by the University to the credit of the Bond Service Account or the Bond Redemption and Purchase Account.

(e) Until needed for payments into the Bond Service Fund, moneys standing to the credit of the Bond Pledge Fund may be invested and reinvested by or upon order of the Fiscal Officer in eligible investments maturing or redeemable at the option of the holder at the times and in the amounts needed for payments into the Bond Service Fund. Any income from such investments shall be credited to the Bond Pledge Fund.

(f) The provisions of this Section are intended to further assure that the payments will be made into the Bond Service Fund at the times and in the amounts required, and nothing in this Section shall be deemed to limit or modify in any way the pledge of and lien on all General Receipts as provided for in Section 2 hereof, nor to restrict the University to any particular source of General Receipts for meeting its obligations under the Bond proceedings.

Section 6. Bond Service Fund: Accounts Therein. The University hereby creates a separate trust fund designated "General Receipts Bond Service Fund" (herein sometimes called the "Bond Service Fund") which shall be maintained in the custody of the Trustee. All moneys received by or on account of the University and required by this Resolution and the applicable Bond proceedings to be deposited, transferred, or credited to the Bond Service Fund shall be deposited with the Trustee and credited to such Fund. The Bond Service Fund and the moneys and investments therein are hereby pledged, and are to be applied, solely and exclusively to the payment of Bond service charges as further provided by this Resolution.

There are hereby created by the University and shall be maintained in the Bond Service Fund the following accounts, pledged to the purposes and to be sustained and applied in the

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

manner provided in the Sections referred to below, but subject to other applicable provisions hereof:

<u>Account</u>	<u>Section References</u>
Bond Service Account	Sections 7 and 8
Bond Service Reserve Account	Sections 7 and 9
Bond Redemption and Purchase Account	Section 10
Special Accounts	Section 11

Section 7. Payments to Bond Service Account and Bond Service Reserve Account.

(a) *From Bond Proceeds.* From the proceeds of the sale of Bonds all amounts, if any, representing accrued interest and capitalized interest on the Bonds, as provided in the applicable Series Resolution, shall be deposited to the credit of the Bond Service Account. To the extent provided in the applicable Series Resolution, amounts from the proceeds of the sale of Bonds allocated therein to the Bond Service Reserve Account shall be deposited to the credit of that Account.

(b) *From Bond Pledge Fund and General Receipts.* Not later than five business days prior to any date upon which any principal, interest or redemption premium on the Bonds falls due, the University shall pay over to the Trustee from the Bond Pledge Fund and, if necessary, from any other General Receipts of the University amounts required to be paid to the Bond Service Account and the Bond Service Reserve Account, as follows:

(1) To the credit of the Bond Service Account, such amount as will, together with other moneys therein available therefor, be sufficient to pay such principal, interest and redemption premium, if any, on the Bonds as is due upon such date and payable from the Bond Service Account, including any mandatory sinking fund requirements; and

(2) To the credit of the Bond Service Reserve Account the respective amounts, if any, required at such time to be paid thereto in accordance with the Series Resolutions; provided, however, that (i) each Series Resolution must make provision such that the portion of the Required Reserve necessitated by reason of the Bonds authorized thereby (determined at the time of issuance of any of such Bonds) will be fully funded within a period of five years from the date of original delivery of such Bonds and shall, to the extent not otherwise funded upon delivery of such Bonds, provide for such funding by payments from the Bond Pledge Fund and, if necessary, from any other

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

General Receipts in consecutive semi-annual payments commencing not later than eighteen months after original delivery of such Bonds: (ii) within one hundred twenty days after the end of each fiscal year the University shall, from the Bond Pledge Fund or other General Receipts, restore to the Bond Service Reserve Account any amounts previously transferred therefrom to the Bond Service Account by the Trustee to meet any deficiency in the Bond Service Account, and restore any other amounts by which the Bond Service Reserve Account has been diminished during such preceding fiscal year; and, provided further (iii) that notwithstanding the foregoing, no additional payments need to be made to the credit of the Bond Service Reserve Account at any time when the amount therein shall at least equal the Required Reserve.

Section 8. **Bond Service Account.** The Bond Service Account is hereby pledged to and shall be used solely for the payment of Bond service charges as they fall due upon stated maturity or by operation of mandatory redemption requirements. Not more than five business days nor less than one business day prior to a date when Bond service charges are due and payable, the Trustee shall transmit from moneys in the Bond Service Account to other Paying Agents, as appropriate, amounts sufficient to meet payments to be made by them of Bond service charges to be then due and payable; provided that to the extent that the amount needed by a Paying Agent is not sufficiently predictable, the Trustee may make such credit arrangements with such Paying Agent as to permit meeting such payments.

Section 9. **Bond Service Reserve Account.** The Bond Service Reserve Account is hereby pledged to and shall be used, as herein provided, solely for the payment of Bond service charges, except as excess amounts may be transferred pursuant to this Section.

If on the fifth day preceding any date upon which Bond service charges on any Bonds fall due, the Bond Service Account is insufficient to meet such Bond service charges to be paid therefrom on such date, the Trustee, without necessity for any order by the University, shall immediately transfer from the Bond Service Reserve Account to the Bond Service Account an amount sufficient to make up such deficiency in the Bond Service Account.

Subject to the foregoing, any amount in the Bond Service Reserve Account in excess of the Required Reserve shall be transferred to the Bond Service Account or to the Bond Redemption and Purchase Account for the purposes thereof, if and to the extent ordered by the Fiscal Officer. Such excess shall be determined by calculating the Required Reserve with reference to outstanding Bonds only, excluding any Bonds for the redemption or purchase of which such excess is being transferred to the Bond Redemption and Purchase Account.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

Section 10. Bond Redemption and Purchase Account. There shall be credited to the Bond Redemption and Purchase Account that portion of the proceeds of refunding Bonds, as provided in the Series Resolution authorizing their issuance, allocated to the payment of the principal, interest and redemption premium, if any, or purchase price of the Bonds to be refunded, funded, or retired through the issuance of such refunding Bonds; amounts to be transferred thereto from the Bond Service Reserve Account by order of the Fiscal Officer pursuant to Section 9 hereof; and any other amounts made available by the University for the purposes of the Bond Redemption and Purchase Account. Amounts for the redemption of Bonds to be provided pursuant to the mandatory sinking fund requirements of the Series Resolution authorizing such Bonds shall not be deposited to the credit of the Bond Redemption and Purchase Account but shall be deposited to the credit of the Bond Service Account.

Any amounts in the Bond Redemption and Purchase Account may be committed, by Series Resolution or other action by the Board, for the retirement of and Bond service charges on specified Bonds and, so long as so committed, shall be used solely for such purpose whether directly or through transfer to the Bond Service Account. Subject to the foregoing provisions of this Section, the Fiscal Officer may cause moneys in the Bond Redemption and Purchase Account to be used to purchase any Bonds for cancellation, and to redeem any Bonds in accordance with the redemption provisions of the applicable Series Resolution. From moneys in the Bond Redemption and Purchase Account the Trustee shall transmit or otherwise disburse such amounts at such times as required for the redemption or purchase for cancellation of Bonds, and Bond service charges, in accordance with the applicable Series Resolution, or other action by the Board or order of the Fiscal Officer not inconsistent therewith. Any amounts in the Bond Redemption and Purchase Account not required for the purposes thereof pursuant to a commitment theretofore made, may be transferred to the Bond Service Account or the Bond Service Reserve Account upon order by the Fiscal Officer.

Section 11. Special Accounts. If and to the extent required by any loan or grant agreement or other agreement with the United States of America, or with any officer, department, agency, instrumentality or corporation thereof or created thereby, providing for any financial assistance, guarantee, or insurance in connection with any University Facilities project or the financing thereof, the University may, pursuant to the applicable Series Resolution, create special accounts or sub-accounts in the Bond Pledge Fund and Bond Service Fund, and accounts therein,

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

with reference to such project and its financing and make special provisions, among others, that moneys received under such loan or grant agreement or other agreement, other items of General Receipts derived from or allocable with respect to such project, and other items of General Receipts germane to such project and the financing thereof be restricted to such special accounts or sub-accounts, and for the holding, investing and disposition of any moneys in said accounts or sub-accounts in accordance with such agreement and for the primary or exclusive benefit of the Bonds issued to finance such project; but only as and to the extent required by such agreement. If such accounts or sub-accounts are so restricted, then the amounts in such accounts or sub-accounts, to the extent so restricted, shall not be deemed to be available for Bond service charges on other Bonds in determining the sufficiency of the Bond Service Account and the Bond Service Reserve Account under the provisions hereof with respect to such other Bonds.

Section 12. Investment of Bond Service Fund. Moneys in the Bond Service Fund may be invested and reinvested by the Trustee in any eligible investments, subject to any orders of the Fiscal Officer with respect thereto, provided that investments of moneys in the accounts of the Bond Service Fund shall mature or be redeemable at the option of the holder at the times and in the amounts necessary to provide moneys to meet the payment of Bond service charges as they fall due, and that each investment of moneys in the Bond Service Reserve Account shall in any event mature or be redeemable at the option of the holder within five years after such investment is made. Subject to any orders of the Fiscal Officer with respect thereto, the Trustee may from time to time sell such investments and reinvest the proceeds therefrom in eligible investments maturing or redeemable as aforesaid. Any such investments may be purchased from the Trustee. The Trustee shall sell or redeem investments standing to the credit of the Bond Service Account and the Bond Service Reserve Account, in that order, to produce sufficient moneys at the times required for the purposes of meeting Bond service charges when due, and shall do so without necessity for any order on behalf of the University and without restriction by reason of any such order. Subject to the provisions of the applicable Bond proceedings, an investment made from moneys credited to an account shall constitute part of that account and such account shall be credited with all proceeds of sale and income from such investment. For purposes of this Resolution, such investments shall be valued at face amount or market value, whichever is less.

Section 13. Conditions for Issuing Additional Bonds. After the first issue of Bonds hereunder, no additional Bonds shall be issued unless the following conditions, determined as

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

provided herein, exist at the time of authentication of such Bonds by the Trustee:

(1) The University is not in default of any covenants or obligations of the University under the Trust Agreement, and the authentication and delivery of such Bonds will not result in any such default;

(2) The General Receipts of the University during each of the two preceding fiscal years were at least equal to two times the maximum amount required to be paid in any subsequent fiscal year for Bond service charges on all Bonds to be outstanding upon the original delivery of such additional Bonds; and

(3) Other requirements provided in the Trust Agreement for the issuance of additional Bonds have been met.

For purpose only of computing the coverage under clause (2) of this Section:

(i) Bond service charges which are to be or have been funded or refunded by such additional Bonds or by Bonds previously issued, shall be excluded from Bond service charges and the proceeds of such additional Bonds applied or committed thereto shall not be counted in the General Receipts.

(ii) Proceeds from the sale of any obligations, excepting the portion representing accrued interest or capitalized interest on Bonds, shall not be counted in the General Receipts.

(iii) The University may, at its option, exclude from Bond service charges that portion thereof to be provided by grants or payments by the United States of America, or any officer, department, agency, instrumentality or corporation thereof or created thereby, under a then existing agreement; provided that, in such case, there shall be subtracted from the amount of General Receipts for each of such preceding two fiscal years the amount, if any, then received under such agreement but not exceeding an amount equal to the amount so excluded from Bond service charges for that fiscal year which, after application of this paragraph (iii), is determined to be the fiscal year in which the maximum of Bond service charges is required.

(iv) If all bonds outstanding under a prior trust agreement or bond resolution, referred to in the definition of "General Receipts" contained in Section 1 hereof, including all principal, interest and call premium, if any, pertaining thereto, have been paid, or provision for such payment irrevocably made from the proceeds of additional Bonds issued or to be issued hereunder or from other available sources, then the revenues and receipts pledged under such prior trust agreement or bond resolution in the amounts received during the two preceding fiscal years shall be included in General Receipts for purposes of clause (2) of this Section.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

The satisfaction of the requirements stated in clauses (1) and (2) of this Section shall be evidenced by a certificate signed by the Chairman of the Board or the President of the University and by the Fiscal Officer or the Secretary of the Board, in form satisfactory to the Trustee and filed with the Trustee prior to authentication of such additional Bonds, and the Trustee may reasonably require further evidence of the satisfaction of such requirements. The authentication of such Bonds by the Trustee shall be conclusive evidence that such requirements have been met for purpose of the validity and binding effect of such Bonds and the right of the holders thereof and coupons pertaining thereto to share in the pledges, General Receipts and special funds as provided in this Resolution, the Trust Agreement and the applicable Series Resolution.

Section 14. **Application of Bond Proceeds.** The proceeds from the sale of Bonds shall be applied solely to the purposes for which issued as authorized pursuant to Section 2 hereof. Such proceeds shall be allocated for such purposes as provided in the applicable Series Resolution, and shall be held, invested and paid out as therein provided, subject to any applicable provision of this Resolution and the Trust Agreement.

Section 15. **Further Covenants.** In addition to the covenants elsewhere contained herein, the University further covenants as follows:

(a) *Payment.* The University will, from the sources herein provided, pay or cause to be paid the Bond service charges on each and all Bonds on the dates, at the places and in the manner provided herein, in the applicable Series Resolution and in the Bonds and coupons, according to the true intent and meaning thereof.

(b) *Maintenance of Pledge.* The University will not make any pledge or assignment of or create or suffer any lien or encumbrance upon the Bond Service Fund, the Bond Pledge Fund or General Receipts prior to or on a parity with the pledge thereof hereunder, except as authorized or permitted hereunder.

(c) *Observance of Covenants.* The University will at all times faithfully observe and perform all agreements, covenants, undertakings, stipulations and provisions contained in this Resolution, the Trust Agreement, the Series Resolutions and in any and every Bond executed, authenticated and delivered under the Trust Agreement, and in all other proceedings pertaining to the Bonds.

(d) *Duties Binding on All with Authority; Enforcement by Mandamus.* Each provision of the Bond proceedings is binding upon such officer, board, authority, agency, department, or other

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

person or body as may from time to time have the authority under law to take such actions as may be necessary to perform all or any part of the duty required by such provision; and each duty of the University and the Board, and of their members, officers and employees, undertaken pursuant to the Bond proceedings for the Bonds is established as a duty of the University, the Board and of each such member, officer, and employee having authority to perform such duty, specifically enjoined by law resulting from an office, trust, or station within the meaning of Section 2731.01 of the Ohio Revised Code, providing for enforcement by writ of mandamus.

(e) *Annual Reports.* Within one hundred and twenty days after the end of each fiscal year, the University shall submit to the Trustee and each Original Purchaser an annual report by the University showing the financial operations of the University during the preceding fiscal year, which may be in the form submitted to the Ohio Board of Regents or other State officials, and also showing the status of all special funds at the end of such fiscal year and the receipts thereto and payments therefrom during such fiscal year, and such other data as the Trustee may reasonably deem to be relevant under the Trust Agreement and request in writing. Upon request of the Trustee, the University will make available a copy of any reports concerning the University prepared by the official auditing agency of the State, presently the Bureau of Inspection and Supervision of Public Offices.

(f) *Inspection and Audit of Records.* The Trustee, each Original Purchaser, and the holders of twenty-five percent or more of the principal amount of all outstanding Bonds shall have the right at all reasonable times to inspect and audit any records, books, documents, special funds, and accounts of the University, relating to the Bond Pledge Fund and the Bond Service Fund. Such inspection or audit may be conducted by a public accounting firm or other authorized representative selected by the party entitled to make the inspection.

(g) *Further Assurance.* The University will at any and all times pass, make, do, execute and deliver such further resolutions, acts, instruments and assurances as may be necessary or desirable to carry out the purposes of this Resolution and the Trust Agreement.

(h) *No Additional Athletic Department Revenue Bonds.* The University will not hereafter issue additional Athletic Department Revenue Bonds under the March 1, 1955 Trust Agreement with The Ohio National Bank of Columbus referred to in the definition of "General Receipts" in Section 1 hereof.

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment (continued)

Section 16. Trust Agreement. In order better to secure the payment of the Bond service charges as the same shall become due and payable, the Chairman of the Board, the President of the University and the Secretary of the Board and the Fiscal Officer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver, in the name and on behalf of the University, a Trust Agreement to the Trustee, in substantially the form submitted to this Board, and hereby approved, with such changes therein not substantially adverse to the University as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The approval of such changes by said officers, and that such changes are not substantially adverse to the University, shall be conclusively evidenced by the execution of the Trust Agreement by such officers.

This Resolution shall constitute part of the Trust Agreement for all purposes, including, without limitation thereto, application to this Resolution of the provisions contained in the Trust Agreement for amendment, modification and supplementation, and provisions for separability. The execution and delivery of the Trust Agreement shall constitute certification and conclusive evidence that the General Bond Resolution as set forth therein is a true and exact copy of the General Bond Resolution as adopted by the Board and in effect at the time of execution and delivery of the Trust Agreement. The execution and delivery of each Supplemental Trust Agreement in which a Series Resolution is set forth shall constitute certification and conclusive evidence that the Series Resolution as set forth therein is a true and exact copy of such Series Resolution adopted by the Board and in effect at the time of execution and delivery of such Supplemental Trust Agreement.

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

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971

Mr. Shocknessy presented the following resolution:

**SERIES 1971 RESOLUTION**

Providing for the authorization, issuance and sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, dated as of June 1, 1971, pursuant to Trust Agreement dated as of June 1, 1971.

WHEREAS, The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by resolution adopted by its Board of Trustees (herein called the "Board") May 7, 1971 (herein called the "General Bond Resolution") and by a Trust Agreement dated as of June 1, 1971 (herein called the "Trust Agreement"), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

WHEREAS, the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, which authorizes the University to issue its Bonds to pay costs of certain capital facilities, defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code and called "University Facilities" in the General Bond Resolution and in this Series Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and

WHEREAS, the University has previously determined, and does hereby confirm, that it has been necessary to construct, equip and furnish certain University Facilities, being certain motor vehicle parking facilities on the campus of the University, comprised of three multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking, with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and herein called the "Series 1971 University Facilities Project" or "Project", the costs of which Project are \$5,783,000; and

WHEREAS, bond anticipation notes designated The Ohio State University Parking System Revenue Notes, Series 1970, dated as of June 26, 1970, presently outstanding in the amount of \$4,500,000 have been issued to pay part of the costs of the Project, the Project has been completed, the balance of the costs paid from other funds of the University available therefor, and it is necessary to issue Bonds to retire the above notes and to pay interest thereon; and

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 (continued)

WHEREAS, pursuant to the foregoing, the University has determined to issue, as the first issue of Bonds under the Trust Agreement, \$4,500,000 principal amount of General Receipts Bonds, to be designated General Receipts Bonds, Series 1971, to pay part of the costs of the Series 1971 University Facilities Project and to retire the aforesaid notes and desires to provide therefor by this Resolution of its Board:

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF The Ohio State University, as follows:

**Section 1. Definitions and Interpretations.** All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award provided for in Section 5 hereof, is sometimes herein called and may be known as the "Series 1971 Resolution", the Bonds authorized by this Resolution are referred to herein and in the First Supplemental Trust Agreement hereby authorized as the "Series 1971 Bonds", and the terms "hereof", "hereby", "hereto", "herein", and "hereunder", and similar terms, mean this Resolution. As used in this Resolution, "Series 1971 University Facilities Project" and "Project" means the parking facilities project described in the preambles hereto; and "Outstanding Notes" shall mean the notes, designated "Parking System Revenue Notes, Series 1970", referred to in the preambles hereto.

**Section 2. Authority.** This Resolution is adopted pursuant to the General Bond Resolution, the Trust Agreement, and the Act.

**Section 3. Authorization, Designation and Purpose of Series 1971 Bonds.** It is hereby declared to be necessary to, and the University shall, issue, sell and deliver, as provided and authorized herein, \$4,500,000 principal amount of General Receipts Bonds of the University, which shall be designated "General Receipts Bonds, Series 1971", for the purpose of paying part of the costs of the University Facilities that comprise the Series 1971 University Facilities Project and to retire obligations previously issued for such purpose. For such purpose, the proceeds from the sale of the Series 1971 Bonds shall be allocated and deposited as provided in Section 6 hereof.

**Section 4. Terms and Provisions Applicable to the Series 1971 Bonds.**

(a) **Form and Numbering.** The Series 1971 Bonds shall be issued initially in the form of coupon Bonds registrable as to principal only or of fully registered Bonds as requested by the

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 (continued)

Original Purchaser thereof, shall be exchangeable for Series 1971 Bonds in coupon form or fully registered form as provided in the Trust Agreement, and shall be numbered as determined by the Fiscal Officer.

(b) **Denomination and Dates.** The Series 1971 Bonds in coupon form shall be in the denomination of \$5,000 each, and shall be dated as of June 1, 1971. The Series 1971 Bonds in fully registered form shall be in the denomination of \$5,000 and any multiple thereof authorized by the Trust Agreement, and shall be dated as of the date of Series 1971 Bonds in coupon form if authenticated prior to the first interest payment date, and otherwise shall be dated as of the last interest payment date preceding the date of their authentication except that if authenticated on an interest payment date they shall be dated as of such date of authentication; provided that if at the time of authentication, interest thereon is in default, they shall be dated as of the date to which interest has been paid. Each Series 1971 Bond shall have only one principal maturity date, except for interim certificates or receipts which may be issued pending preparation of definitive Bonds.

(c) **Interest.** The Series 1971 Bonds shall bear interest from their respective dates payable semi-annually on June 1 and December 1, beginning December 1, 1971, at the respective rates per annum set forth in the Certificate of Award provided for in Section 5 hereof.

(d) **Maturities.** The Series 1971 Bonds shall mature on June 1 in the years and in the principal amount set opposite the year as follows:

<u>Year of Maturity</u>	<u>Principal Amount</u>	<u>Year of Maturity</u>	<u>Principal Amount</u>	<u>Year of Maturity</u>	<u>Principal Amount</u>
1972	\$115,000	1978	\$170,000	1985	\$265,000
1973	120,000	1979	180,000	1986	280,000
1974	130,000	1980	190,000	1987	300,000
1975	140,000	1981	205,000	1988	320,000
1976	150,000	1982	220,000	1989	340,000
1977	160,000	1983	230,000	1990	360,000
		1984	245,000	1991	380,000

(e) **Redemption Terms and Prices.** The Series 1971 Bonds maturing prior to June 1, 1982, are not subject to redemption. The Series 1971 Bonds maturing on and after June 1, 1982, are subject to redemption at the option of the University prior to their stated maturities, in whole or in part, on December 1, 1981, or on any interest payment date thereafter at redemption prices equal to the following percentages of the principal amount redeemed plus in each case accrued interest to the date fixed for redemption:

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 (continued)

<u>If Redeemed (dates inclusive)</u>	<u>Redemption Price</u>
December 1, 1981 to December 1, 1985	103%
June 1, 1986 to December 1, 1988	102%
June 1, 1989 and thereafter	101%

If less than all of the outstanding Series 1971 Bonds are called for redemption at one time, they shall be called in inverse order of the maturities of the Series 1971 Bonds outstanding, and if less than all of the outstanding Series 1971 Bonds of one maturity are to be called, the selection of such Series 1971 Bonds, or portions of fully registered Bonds, of such maturity to be called shall be made by lot in the manner provided in the Trust Agreement. Notice of call for redemption of Series 1971 Bonds shall be given in the manner provided in the Trust Agreement.

(f) **Place of Payment and Paying Agents.** The principal, interest and any redemption premium on the Series 1971 Bonds in coupon form, other than principal of or any redemption premium on coupon bonds registered as to principal, shall be payable at the office of the Trustee, or, at the option of the holder at the office of the Chemical Bank, New York, New York. The principal of and any redemption premium on registered Series 1971 Bonds shall be payable at the office of the Trustee and the interest on fully registered Series 1971 Bonds shall be payable by check or draft, as provided in the Trust Agreement.

(g) **Execution.** The Series 1971 Bonds and the coupons pertaining thereto shall be executed in the manner provided in the General Bond Resolution.

**Section 5. Sale of Series 1971 Bonds.**

(a) **General.** The Series 1971 Bonds shall be offered for sale, by advertisement, to the highest bidder based on the lowest interest cost determined as hereafter described, at such time, in such manner and on such terms as determined by the Fiscal Officer of the University, and may be awarded by the Fiscal Officer as provided in this Section.

(b) **Notice of Sale and Official Statement.** Notice of Sale of the Series 1971 Bonds, over the name of the Fiscal Officer on behalf of the University, shall be given in such manner determined by the Fiscal Officer, provided that such notice shall be published at least once, not less than ten calendar days before the date for receipt of bids, in The Daily Bond Buyer. Such Notice of Sale shall set forth the terms pertaining to the bids and other terms and conditions of the sale of the Series 1971 Bonds as the Fiscal Officer shall determine, provided that the purchase price therefor shall not be less than par plus accrued interest and the highest single interest rate that may be bid

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 (continued)

may not exceed 7% or such lower rate as may be prescribed in the Notice of Sale. The Fiscal Officer may also cause to be prepared and printed and shall sign an official statement of the University setting forth appropriate information pertaining to the University and to the Series 1971 Bonds, in sufficient number for distribution to prospective bidders.

(c) **Award.** Unless all bids are rejected, the Fiscal Officer, acting on behalf of the University, shall award the Series 1971 Bonds to the highest bidder therefor based on the lowest interest cost to absolute maturity, such lowest interest cost to be determined by taking the aggregate amount of interest to the several maturity dates of the Series 1971 Bonds at the rate or rates specified and deducting therefrom the amount of the premium offered, if any. The cost of printing the Series 1971 Bonds shall not be considered in determining the lowest interest cost. Such award shall be made by a certificate of the Fiscal Officer, herein called the "Certificate of Award", which shall identify the successful bidder (called "Original Purchaser" in this Resolution and the Trust Agreement), the interest rate or rates, and such other data or provisions as the Fiscal Officer determines consistent with this Resolution and the Trust Agreement. The Certificate of Award shall be incorporated in and form a part of the Supplemental Trust Agreement authorized by Section 9 hereof.

**Section 6. Allocation of Proceeds of Series 1971 Bonds.** All of the proceeds from the sale of the Series 1971 Bonds shall be received and receipted by the Fiscal Officer, and shall be allocated, deposited and credited as follows:

(a) To the Bond Service Account in the General Receipts Bond Service Fund, the portion of such proceeds representing accrued interest and premium, if any;

(b) To the 1971 University Facilities Project Construction Fund (hereinafter called the "1971 Construction Fund") hereby established, the balance of the proceeds from the sale of the Series 1971 Bonds; provided, however, appropriate portions of the proceeds may, instead of such deposit to the 1971 Construction Fund, be paid at the option of the University, directly to the obligees of the University, or to the University for prompt payment to such obligees, in the amounts necessary to retire the Outstanding Notes.

Any unexpended proceeds from the Outstanding Notes shall be deposited to the credit of the 1971 Construction Fund except to the extent applied to retire the Outstanding Notes and to pay interest thereon.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 (continued)

The 1971 Construction Fund hereby established shall be held by the University in a separate deposit account or accounts (except when invested as hereinafter provided) set up in a bank or banks that are members of the Federal Deposit Insurance Corporation, and used to pay costs of the Series 1971 University Facilities Project that constitute "costs of University Facilities" as defined in the General Bond Resolution (herein called "Series 1971 Project Costs") and to retire the Outstanding Notes.

The Fiscal Officer shall apply the 1971 Construction Fund pursuant to the provisions of this Section 6 to the payment of the Series 1971 Project Costs. Any payment to be made with respect to an obligation under a construction contract relating to the Project shall be made only upon certification by a qualified architect or engineer that such payment is due under such contract. The moneys to the credit of the 1971 Construction Fund shall, pending application thereof as above set forth, be subject to a lien and charge in favor of the holders of the Series 1971 Bonds and the University covenants that it will not cause or permit to be paid from said Fund any funds except in compliance with the provisions of this Resolution and the Trust Agreement.

Moneys on deposit in the 1971 Construction Fund may be invested by or at the direction of the Fiscal Officer in eligible investments, as defined in the General Bond Resolution maturing or redeemable at the option of the holder prior to the time needed for the purposes hereof. Such investments and the proceeds of sale thereof shall constitute part of the 1971 Construction Fund, and earnings from any such investments shall be deposited in said Fund. The said investments may be sold, exchanged or collected from time to time by or at the direction of the Fiscal Officer.

Any balance remaining in the 1971 Construction Fund after payment of costs described in this section shall be promptly transferred to the Bond Service Reserve Account in the Bond Service Fund.

**Section 7. Additional Covenants.**

(a) The Project has been completed and the University hereby finds and determines that the encumbrances for and expenditures representing Series 1971 Project Costs have been made, and that all of the proceeds from the sale of the Series 1971 Bonds will be needed to retire the Outstanding Notes, and hereby directs the appropriate officers to apply such proceeds thereto at the earliest practicable date. The University covenants that in no event shall the proceeds of the 1971 Bonds be invested or used in such manner that any of said bonds would be "arbitrage bonds" for purposes of Section 103(d)(1) of the Internal Revenue Code of 1954.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

2. Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 (continued)

Section 8. **Funding of Required Reserve.** In accordance with and consistent with clause (2)(i) of Section 7(b) of the General Bond Resolution, the portion of the Required Reserve necessitated by reason of the Series 1971 Bonds including the interest rates as set forth in the Certificate of Award shall be funded as provided in this Section 8. At least five business days before December 1, 1971, and before each of the nine semi-annual interest payment dates on June 1 and December 1 thereafter, the University shall pay over to the Trustee from the Bond Pledge Fund and, if necessary, from any other General Receipts of the University, to the credit of the Bond Service Reserve Account, at least one-tenth of such portion of the Required Reserve. Such payments to the Trustee shall, subject to clause (2)(iii) of Section 7(6) of the General Bond Resolution, continue at the times and in the amounts aforesaid until the aforesaid portion of the Required Reserve is fully funded.

Section 9. **First Supplemental Trust Agreement.** The Chairman of the Board, the President of the University, the Secretary of the Board, and the Fiscal Officer, or any one or more of them are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name of and on behalf of the University, a First Supplemental Trust Agreement pursuant to the Trust Agreement and in connection with the issuance of the Series 1971 Bonds, in substantially the form submitted to this Board with such changes therein not substantially adverse to the University as may be permitted by the Act and the Trust Agreement and approved by the officer or officers executing the same on behalf of the University. The approval of such changes, and that such changes are not substantially adverse to the University, shall be conclusively evidenced by the execution of the First Supplemental Trust Agreement by such officer or officers.

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

C. Report on the University's Investment Portfolio

The report dated May 6, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

D. President's Report on Recommended Procedure to be Used in the Selection of a President of The Ohio State University

President Novice G. Fawcett made the following recommendations:

In responding to a request made of me by the Board of Trustees at its special meeting on March 15, 1971, to suggest a procedure that might be followed in the selection of a President of The Ohio State University, I have taken the following steps:

1. Reviewed the Statutes in the General Code of Ohio that are relevant to this matter.

(Section 3335.09: The Board of Trustees of The Ohio State University shall elect, fix compensation of, and remove, the President and such number of professors, teachers, and other employees as are necessary; . . .)

2. Examined the By-Laws of the Board of Trustees.

(Article III, Section 2: The President shall be the chief executive officer of The Ohio State University and shall be responsible for the entire administration of the University, subject to the control of the Board of Trustees. . . .)

3. Examined the literature on the subject of selecting presidents of colleges and universities.
4. Reviewed the procedure used by The Ohio State University in 1955.
5. Consulted with several members of the faculty, the student body and of the staff of the University.
6. Reviewed suggestions and proposals that have been forwarded to me by interested individuals and organizations.

As a result of the above experiences and drawing somewhat on my own knowledge of this problem, it is clear to me that the Board of Trustees of The Ohio State University should have a consultative committee to advise in the selection of a President. While the Board of Trustees cannot and should not abdicate its responsibility for the ultimate decision, it is important to have advice from the constituent elements of the University. Further, it is important that a technique be developed for a constant liaison between the committee and the Board of Trustees to accommodate, as nearly

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

D. President's Report on Recommended Procedure to be Used in the Selection of a President of The Ohio State University (continued)

President Fawcett's recommendations (continued)

as possible, the concerns of the various constituent elements of the University and to try to assure a sound and satisfactory outcome. It would be my recommendation that a Consultative Committee to Advise in the Selection of a President should be established as follows:

1. Faculty

- 7 - The seven members of the Faculty Advisory Committee to the President and Board of Trustees should represent the faculty in the search. (These seven people are elected by the elected members of the Faculty Council.)

2. Students

- 1 - The President of the Student Assembly who will be serving during the 1971-72 academic year.

Jerome Friedman

- 1 - An undergraduate student elected by the Presidents of the eleven undergraduate College Councils. This election shall be held not later than May 14, 1971.

- 1 - The President of the Council of Graduate Students who will be serving during the 1971-72 academic year.

John Reindl

- 1 - A professional student elected by the Inter-Professional Council. This election shall be held not later than May 14, 1971.

3. Alumni

- 1 - The President of The Ohio State University Association who will be serving during the 1971-72 academic year.

- 1 - The President of The Ohio State University Development Fund Board who will be serving during the 1971-72 academic year.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

D. President's Report on Recommended Procedure to be Used in the Selection of a President of The Ohio State University (continued)

President Fawcett's recommendations (continued)

4. Administration

1 - Dean of an undergraduate professional College who is knowledgeable in the field of undergraduate, graduate and professional administrative problems. For this assignment I suggest Dean Lloyd M. Parks of the College of Pharmacy.

5. Non-Teaching Employees

1 - One non-teaching employee who is recognized by employees for his capability, competency and interest in the University. For this assignment I suggest Mr. James C. Ervin who has been an employee of this University for twenty-five years.

1 - Professional staff representative who has an overall understanding of the University and some of its complex problems. For this assignment I suggest Mr. Madison H. Scott, Director of Affirmative Action Programs.

6. Citizen-at-Large

1 - A highly qualified citizen who understands the responsibilities of the Board of Trustees, the concerns of citizens in general and the University in particular. (I would suggest that the Chairman of the Board of Trustees whose term expires this month would be ideally suited for this role as well as for the role of Chairman of the Committee.)

The seventeen member Consultative Committee should meet at the call of the Chairman who in addition to his general duties as Chairman should be the key liaison officer to maintain constant communication between the Board of Trustees and the Committee. The Consultative Committee should address itself to the development of some general qualities expected of a President as well as suggestions concerning specific candidates. All nominations for the Presidency should be channeled through the Chairman of the Consultative Committee to the Committee including such nominations as members of the Board of Trustees may care to make.

May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

D. President's Report on Recommended Procedure to be Used in the Selection of a President of The Ohio State University (continued)

President Fawcett's recommendations (continued)

Recognizing that the Board of Trustees must be prepared to exercise the authority to make a final decision, it is suggested that the Consultative Committee receive nominations and screen candidates with the idea in mind of suggesting to the Board of Trustees by November 12, 1971, a list of five people who might then be given appropriate consideration by the Board. The target date for a final decision should be March, 1972, but no later than April, 1972.

Mr. Shocknessy made the following statement:

I would like to say that the report is typical of the President's thoughtful, painstaking attention to every task that has been his through the years of his service. The report envisions a Search Committee, broad in representation of constituencies, well constructed in the selection of the persons to represent the constituencies, and without further analysis I will move the acceptance, approval, and adoption of the report, including all of its suggestions. I want the resolution to include the approval of the Honorable John G. Ketterer, retiring Chairman of this Board as the Chairman of the Committee, with the authority to use such assistance from the University staff and administration as he needs and as the President has very wisely offered.

Further, the Secretary is hereby directed to take all appropriate steps to effectuate it and to notify those persons who are intended to be members of the Committee and to determine whether or not they are willing to serve. The Chairman will advise as to schedule.

Mr. Hilliker seconded the motion to adopt the foregoing report of the President and the resolution by Mr. Shocknessy. The Board of Trustees approved the foregoing report and Mr. Shocknessy's resolution by unanimous roll call vote.

\*

\*

\*

May 7, 1971 meeting, Board of Trustees

XII. MR. SHOCKNESSY'S ACCEPTANCE OF THE CHAIRMANSHIP

Mr. Shocknessy asked for permission to make the following statement:

Before we adjourn, I want to offer my expressions of gratitude to the members of the Board for electing Mr. Hilliker, Dr. Moulton and me to the offices of the Board. I give my assurance that I am mindful of the responsibility which devolves upon us. I am mindful also that the act we follow is a hard act with which to compete. We have had a very competent, able and self-sacrificing Chairman these past two years and it has been a joy as well as a meaningful experience to serve with him.

This Board over the generations has been composed of men and women who have made contributions in great measure to the State and Nation. Many of their contributions began here.

I want to say that my purpose as Chairman of this Board will be to strive for excellence. It has always been the purpose of this University to strive for excellence and that purpose will get worship from those of us whom you have elected today. And finally, I want to assure the administration, faculty, and students that we hope to understand the concerns of all and in fulfillment of the responsibility you have placed upon us we shall give every ounce of strength that we have.

\*

\*

\*

XIII. RECOGNITION OF JOHN G. KETTERER, RETIRING  
CHAIRMAN OF THE BOARD OF TRUSTEES

President Fawcett spoke as follows:

For fifteen years I have been fortunate enough to work with a considerable number of distinguished people on this Board. Not one is presently on the Board who was here when I came. There have been many in the interim. I suppose you really cannot expect one in a role like mine not to remember the manner in which each person on this Board has made his contribution.

John Ketterer was a name I did not know when he was named to the Board of Trustees--I read his name in the newspaper. I am certain that he had no knowledge of me either except what he read in the newspaper. But he has now served for eight years on this Board and the last two as Chairman, an honor that has not fallen to many people. I can honestly say that during the whole period of his tenure no one who really knew him could challenge his integrity, his dedication, and his sense of fair play within the context of whatever the problem may have been at any moment. He became not only a great Chairman of this Board, but a good friend of all people at this University. You have watched him perform as Chairman and while you may or may not have agreed with him on occasion, you must admit that he always has kept his eye on the purpose of the meeting and has dispatched his responsibility as Chairman fully within the

# The Ohio State University

in recognition of duty well performed  
upon completion of distinguished service to the University  
as a dedicated member of the Board of Trustees  
and a faithful custodian of our educational heritage  
the Board of Trustees, administration,  
faculty, and students convey deep appreciation  
and good wishes to

## John G. Retterer

a loyal alumnus of the University. In  
grateful acknowledgement this certificate  
is presented  
at The Ohio State University on the  
seventh day of May in the year of our Lord  
nineteen hundred seventy-one and of the  
University the one hundred and second.



*Novice S. Sawatt*  
PRESIDENT OF THE BOARD OF TRUSTEES  
*Evelyn J. Joubert*  
SECRETARY OF THE BOARD OF TRUSTEES

May 7, 1971 meeting, Board of Trustees

XIII. RECOGNITION OF JOHN G. KETTERER, RETIRING  
CHAIRMAN OF THE BOARD OF TRUSTEES (continued)

President Fawcett's statement (continued)

rules, regulations and bylaws of this institution. I respect and admire him and have great personal affection for him. He is one of those unique people who has the ability to go to the root of a problem and come up with the best possible solution that can be found. I want to culminate my remarks by "graduating" him this afternoon. We have a plaque for you. (See page 506.)

Mr. Ketterer responded as follows:

Thank you very much President Fawcett for the kind things you have said and you, too, Jim Shocknessy. I am sure I do not merit half of those remarks. I have done what I thought was best in a given situation. Ohio State is in my blood. My father was a graduate of one of the first several classes of the Ohio State Law School. My sister graduated here, I graduated here, my brother died while a student here, and I currently have a son enrolled here.

You may be sure that when I jump from the frying pan into the fire as it would appear that I am about ready to do, that I shall make every effort to do what I termed once before a "virtually insurmountable job," to find a fitting successor to Novice Fawcett whose dedicated service to this University has been far and beyond the requirements of duty. It is with some hesitation and with full knowledge of the responsibility that I am going to take over the task you have so kindly given me today and you may be sure I will do my best in serving as Chairman of this Search Committee.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, June 4, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

---

Edward Q. Moulton  
Secretary

---

John G. Ketterer  
Chairman

Page 508 Blank

APPENDIX IX

Revisions of Rules 11.1305, 29.2705, and 35.07  
of Rules for the University Faculty

Approved by Faculty Council  
April 13, 1971

Adopted by Board of Trustees May 7, 1971  
(See page 445)

Page 510 Blank

Revisions in Rules 11.1305, 29.2705, and 35.07  
of Rules for the University Faculty

The Faculty Council on April 13, 1971, approved revisions in Rules 11.1305, 29.2705, and 35.07 of Rules for the University Faculty. The text of the Rules as revised is as follows:

11.1305. Director of Libraries.

The Director of Libraries shall be appointed by the Board of Trustees upon nomination of the President. Before making his nomination the President shall confer with the Vice President for Educational Services who, in turn, shall confer with representatives of the faculty of the University Libraries and with the Library Council.

The Director of Libraries shall have the responsibility and authority for administering the University libraries under his jurisdiction. In the discharge of his duties he shall be guided by the policies established by the Library Council (see Rule 29.2705). He shall report to the President through the Vice President for Educational Services.

Without limiting the generality of the foregoing, he shall evaluate continuously the administrative and operating practices of the University libraries under his jurisdiction and lead in the study of methods in improving them; recommend appointments, promotions and dismissals under the rules of the University; and prepare for the approval of the Vice President for Educational Services, annual recommendations for the budgets for personnel and for library materials.

- o -

29.2705. The Library Council.

Section 4. The Library Council is responsible for advising the Vice President for Educational Services on the appointment of a Director of Libraries.

- o -

35.07. Marks.

PA/NP - Pass/Non-Pass. This grading pattern may be chosen for

(a) any or all of the University required courses (31.0701, 31.0703) of Physical Education, Health Education, and National Defense Studies.

(b) an additional maximum of 15 hours of work.

The 15 hours noted in "b" above is confined to undergraduate students enrolled in a degree-granting college, or the Division of Continuing Education, who have an accumulated point-hour ratio of 2.0 or higher. In addition, courses required or specified as required electives in the curriculum leading to the degree for which a student is a candidate may not be taken on a Pass/Non-Pass basis.

- o -

Page 512 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 4, 1971

The Board of Trustees met at its regular monthly meeting on Friday, June 4, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

REPORT BY CHAIRMAN

A. Appointment of New Trustee

Mr. Shocknessy stated that he had conferred with Governor Gilligan concerning the appointment of a new member to the Board of Trustees. He said that the Governor had expressed the hope that he would be able to make an appointment to this Board very soon. Mr. Shocknessy further said the Governor said he had hoped to make the appointment this week but because of some complicating circumstances was unable to do so.

B. Appointment of Committees for 1971-1972

Mr. Shocknessy announced the appointments to the various Committees and Boards for the 1971-1972 academic year. He stated that he had previously conferred with all of the members concerning their service on these Committees and Boards and that they had indicated their willingness to serve in these various capacities.

Committee Appointments  
Board of Trustees  
1971-1972

Finance and Investment Committee

William C. Safford, Chairman  
Don M. Hilliker, Vice Chairman  
John H. Dunlap  
Frederick R. Eckley  
M. Merle Harrod

Retirement and Insurance Committee

John L. Gushman, Chairman  
Robert S. Dorsey, Vice Chairman

Development Fund Board of Directors (one-year term)

Robert S. Dorsey

Research Foundation Board of Directors  
(three-year term, July 1, 1970 - June 30, 1973)

John H. Dunlap

Association of Governing Boards of Universities and Colleges

James W. Shocknessy

Inter-University Council

James W. Shocknessy

REPORT BY CHAIRMAN (continued)

B. Appointment of Committees for 1971-1972 (continued)

The Chairman noted that a vacancy remains on the Retirement and Insurance Committee and on the Development Fund Board of Directors and that these vacancies would remain until after the appointment of a new member to the Board.

The Board of Trustees by a voice vote approved the appointments with one abstention, that of Mr. Dorsey whose appointment, pursuant to the By-laws of the Development Fund Board, constituted an election.

C. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following report:

One of the most important matters that this Board has to consider in the ensuing year is the matter of the choice of a President. At the last meeting, this Board accepted a recommendation from the President to appoint a Search Committee. We named as Chairman of that Search Committee the retiring Chairman of the Board of Trustees. I have assessed with Mr. Ketterer since our last Board meeting the procedures which will be followed in the search for a new President. I should like to review with you at this time the progress which has been made on this most important matter.

First, I shall mention by name the membership of the Committee so that it will be a matter of record.

The Committee is composed of 17 members and is constituted as follows:

Faculty Advisory Committee to the President and Board of Trustees (7)

Dr. Mars G. Fontana  
Dr. Grant O. Graves  
Dr. Roy A. Larmee  
Dr. Arthur W. Leissa  
Professor Leo D. Stone

The two remaining members of the Faculty Advisory Committee will be chosen at the Faculty Council meeting on June 8.

President of Undergraduate Student Government (1)

Mr. Jerome Friedman

June 4, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President  
(continued)

Representative of Eleven Undergraduate College Councils (1)

Mr. Richard A. Hollingsworth

President of the Council of Graduate Students (1)

Mr. John C. Reindl

Representative of the Inter-Professional Council (1)

Mr. Charles A. Gerace, Jr.

President of The Ohio State University Association (1)

Mr. Jacob E. Davis

Chairman of The Ohio State University  
Development Fund Board (1)

Chairman to be chosen by election at the June  
meeting of the Board.

Dean of Undergraduate Professional College (1)

Dean Lloyd M. Parks

Non-Teaching Employees (2)

Mr. James C. Ervin  
Mr. Madison H. Scott

Citizen-at-Large (1)

Mr. John G. Ketterer, Chairman

I am also pleased to announce that Professor Emeritus Samuel B. Folk, of the Department of Engineering Mechanics, has been designated by the Chairman as the Executive Secretary of the Committee and Miss Sue L. Mayer, formerly Secretary to Dr. Lloyd Evans in the Office of Academic Affairs, has been designated as Secretary.

An office for the Committee has been established in Suite 93 A-B-C in the Center for Tomorrow. Two telephones have been installed--422-9112 and 422-4340; the office is equipped and occupied.

June 4, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President  
(continued)

The Chairman read the letter which Mr. Ketterer recently sent to the members of this Committee announcing the first meeting for June 15, 1971, at 10:30 a. m., in Room 4 at the Center for Tomorrow.

C  
O  
P  
Y

June 3, 1971

Dr. Roy A. Larmee  
305 Ramseyer Hall  
29 West Woodruff Avenue  
Campus

Dear Dr. Larmee:

You were named as a member of the Consultative Committee to advise in the selection of a President by the Board of Trustees of the University. I was selected as Chairman of that Committee.

While it may appear that the projected date of our President's retirement is sometime in the future, the day will arrive all too soon.

This Committee is committed to a program of having a recommendation or recommendations to make to the Board of Trustees of a candidate or candidates by some date in November 1971. It seems to me, therefore, that we should commence our operation without too much delay.

Accordingly, as your Chairman, I would like the first Committee meeting to take place on June 15, 1971 at 10:30 a. m. in Room 4 of the Center for Tomorrow. It is my expectation that this meeting will be largely devoted to working out a procedural program.

To facilitate the operation of the Committee, I have obtained the loan of a staff secretary from the University, Miss Sue Mayer; an Executive Secretary, Professor Emeritus Samuel Folk; and Executive Offices in the Center for Tomorrow, Rooms 93-A, B, and C. The telephone number will be 422-9112.

As a means of informally introducing the members of the Committee to each other, I have procured a biographical sketch of each new member of the Committee as of this date, a copy of which I am herewith enclosing.

June 4, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President  
(continued)

Dr. Roy Larmee  
Page 2  
June 3, 1971

It was not feasible to check the date with every member of the Committee, but it is my hope that we can have a full attendance at this meeting.

With my very best regards, I am

Sincerely,

John G. Ketterer, Chairman  
Presidential Search Committee

JGK:slm

encls.

P. S. - I am told that lunch will be procurable at the Center for Tomorrow if the meeting extends to the lunch hour.

J. G. K.

In conclusion Mr. Shocknessy made the following statement:

I have advised the Chairman of the Search Committee that he will be welcome to come to the meetings of our Board and make a progress report at any or every meeting as he chooses. I have told him also I will make myself available to the Chairman of the Search Committee and to the Search Committee at its pleasure. I want once again to commend the President for the excellent job he did in recommending to us a program for the Search Committee. As I mentioned at the last meeting of this Board, the Search Committee is structured to recognize all constituencies of the University. As we go forward in the process of the selection, we shall be amenable to advice and suggestions. We have all worked with Mr. Ketterer for many years, and we know the strength of purpose and the brilliance of intellect Mr. Ketterer possesses. I am sure Mr. Ketterer and the Search Committee with such help as we can give will produce recommendations which will be satisfactory and which will eventually offer a President to this University who will do it great glory in the tradition of Novice Fawcett and his predecessors.

June 4, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 35.07 and 49.03 of Rules for the University Faculty

On May 11, 1971, the Faculty Council approved changes in Rules 35.07 and 49.03 of Rules for the University Faculty to authorize the Council on Academic Affairs to have responsibility for hearing requests for waiver of University graduation requirements (replacing the Committee on Student Standing and Faculty Council).

President Fawcett recommended that the foregoing revisions in the Rules for the University Faculty as shown in Appendix X, page 545, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the Rules for the University Faculty.

B. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 11, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix XI, page 549.)

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

C. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degree, Doctor of Science, be conferred on Neil A. Armstrong, at the June 11, 1971 Commencement.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Modified Interpretation of Residency Rule

In recognition of and consistent with The Ohio State University's policies of equality of opportunity, President Fawcett recommended that women be afforded total equality in the application of rules for the determination of

June 4, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Modified Interpretation of Residency Rule (continued)

residency for fee purposes and that regardless of marital status, women are to be considered for residency under the rules and policies applicable to individuals. Upon adoption of this clarification of policy, the Secretary is directed to seek from the Board of Regents the modification of its Rule 2. D. 6 so as to enable the University to effect the deletion of Section 3. c of the Rules Governing Non-Resident Status as printed in The Ohio State University Bulletin.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Establishment of the International Nickel Professorship in Corrosion Science and Engineering

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, President Fawcett recommended that the International Nickel Professorship in Corrosion Science and Engineering be established in the Department of Metallurgical Engineering at The Ohio State University.

Support for this professorship and related programs will be provided by the International Nickel Company, Incorporated, at an annual rate of \$25,000. In presenting an initial contribution of \$25,000 the International Nickel Company, Incorporated, expressed the wish that their contribution be used for the combined purposes of funding a "Named Professorship" and supporting programs in corrosion science and engineering.

Upon motion of Mr. Dorsey, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the May 7, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Resignation, Change in Administrative Responsibility, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles.

A. Resignation

James A. Robinson will resign his position as Provost and Vice President for Academic Affairs, so that he might accept the Presidency of Macalester College at St. Paul, Minnesota, effective August 1, 1971.

June 4, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Change in Administrative Responsibility

Albert J. Kuhn from Professor and Chairman of the Department of English to Acting Provost and Acting Vice President for Academic Affairs, effective August 1, 1971, at a salary of \$33,648.00 per annum. To further assist in effecting the necessary transition of this responsibility, Dr. Kuhn will be appointed Associate Provost for the month of July, 1971.

C. Appointments

John P. Nelson, Assistant Vice President for Housing - Office of Business and Finance, effective July 1, 1971, at a salary of \$25,128.00 per annum.

William H. Watson, Jr., Associate Dean of University College, effective July 1, 1971, at a salary of \$25,128.00 per annum. He will hold an appointment as Professor in the Department of Agricultural Education and Coordinator of Orientation and Counseling in the Office of Minority Affairs at No Salary.

John A. Walker, Professor in and Chairman of the Department of Theatre, effective July 1, 1971, at a salary of \$24,528.00 per annum.

D. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Clair W. Young, Instructor (Assistant State Leader, 4-H), effective June 16, 1971 through June 30, 1971, to participate in a program of professional improvement at The Ohio State University.

E. Leaves of Absence Without Salary

Leon M. Dorfman, Professor and Chairman, Department of Chemistry, effective October 1, 1971 through December 31, 1971, to accept a Guggenheim Fellowship at the Royal Institution, London, England.

Glenn Neil Patton, Professor, Division of the History of Art, effective October 1, 1971 through September 30, 1972, to teach at Trinity University, San Antonio, Texas.

June 4, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Guenther H. Ceelen, Assistant Professor, Department of Pathology, effective July 1, 1971 through September 30, 1971, for personal reasons.

Irwin S. Pressman, Assistant Professor, Department of Mathematics, effective October 1, 1971 through September 30, 1972, to teach at Carleton University, Ottawa, Canada.

Lois Fey Waters, Assistant Professor, School of Nursing, effective October 1, 1971 through December 31, 1971, for personal reasons.

Arthur Joseph Warner, Instructor (County Extension Agent, 4-H) Mahoning County, Cooperative Extension Service, effective July 1, 1971 through September 30, 1971, to participate in a program of professional improvement at North Carolina State University.

Peggy C. Wilson, Instructor, School of Allied Medical Professions, effective July 1, 1971 through August 31, 1971, for personal reasons.

F. Emeritus Titles

Leonard O. Andrews, College of Education, with the title Professor Emeritus, effective July 1, 1971.

Viola M. Cassidy, College of Education, with the title Professor Emeritus, effective July 1, 1971.

Florence Fogle, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1971.

Daisy H. Secrest, Cooperative Extension Service, with the title Instructor Emeritus, effective June 1, 1971.

David Barnes, a student, requested permission to make a statement concerning one of the recommended appointments. The Chairman upon inquiry of the student and the President determined such a statement would be inappropriate during the course of the business meeting. However, the Chairman did express the willingness of the Board to hear Mr. Barnes' statement at the conclusion of the meeting.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Resignation, Change in Administrative Responsibility, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
April 17, 1971 - May 14, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	12	\$ 565,265.00
Industrial and Other Research	1	3,600.00
<u>Grants</u>		
Government Research - Federal	34	1,035,392.00
Industrial and Other Research	5	<u>193,075.18</u>
Totals	52	\$1,797,332.18

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Resolution Infrared Spectra of Tritium-and-Deuterium-Substituted Molecules (to be known as Project No. 1098-D - Mod. #9-1 - Department of Physics).  
Gross Value - \$23,000.00.
- b. Department of Army, U. S. Army Research and Development Command, Washington, D. C., Studies in Piloting Performance Under Stress (to be known as Project No. 1857 - Mod. #12 - Department of Preventive Medicine).  
Gross Value - \$29,428.00.
- c. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Development of an ERIC Clearing House for Science Education (to be known as Project No. 2228 - Mod. #9 - College of Education).  
Gross Value - \$214,973.00.
- d. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Theoretical and Experimental Aspects of Selection as Applied to Biological Groups (to be known as Project No. 2592-C - Mod. #2-2 - Department of Genetics).  
Gross Value - \$12,750.00.

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- e. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Electrotransport in Liquid Metals (to be known as Project No. 2818-B - Mod. #1-1 - Department of Metallurgical Engineering).  
Gross Value - \$37,005.00.
- f. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Plastic-Strain Controlled Failure Criteria and Design Parameters (to be known as Project No. 2840-A - Mod. #2 - Department of Metallurgical Engineering).  
Gross Value - \$75,000.00.
- g. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Transpiration Cooling (to be known as Project No. 2977 - Mod. #P00005 - Department of Mechanical Engineering).  
Gross Value - \$12,500.00.
- h. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #02 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$51,377.00.
- i. Rome Air Development Center, Griffiss Air Force Base, New York, Photogrammetric Range Exploitation (to be known as Project No. 3207-A1 - New - Department of Geodetic Science).  
Gross Value - \$56,131.00.
- j. Department of Army, Office of Civil Defense, Contract Division, Washington, D. C., Regional Procurement Training (to be known as Project No. 3212-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$6,000.00.
- k. Department of Navy, U. S. Naval Weapons Laboratory, Dahlgren, Virginia, Computation of the Radiation Patterns of an Offset Fed Parabola (to be known as Project No. 3220-A1 - New - Department of Electrical Engineering).  
Gross Value - \$14,251.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

1. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Pathologic Support for Evaluation of Cardiotoxic Drugs in the Canine (to be known as Project No. 3242-A1 - New - Department of Pathology).  
Gross Value - \$32,850.00.

TOTAL - Government Research Contracts - Federal \$565,265.00

2. Industrial and Other Research Contract

- a. McDonnell Douglas Astronautics Company, Western Division, Santa Monica, California, Data Analysis in Electrostatic Probe Research (to be known as Project No. 3215-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$3,600.00.

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as Project No. 782-K - Ext. #11 - Department of Biophysics).  
Gross Value - \$19,483.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as Project No. 1451-J - Ext. #9 - Department of Pharmacology).  
Gross Value - \$42,254.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Separation of Carcinogenic Compounds (to be known as Project No. 1809-F - Ext. #7 - Department of Chemistry).  
Gross Value - \$22,067.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Mesencephalic Receptive Fields (to be known as Project No. 1881-F - Rev. Award Dated 4/19/71 - College of Optometry).  
Gross Value - \$388.00.

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Project No. 2361 - Rev. #10 - College of Education).  
Gross Value - \$136,483.00.
- f. National Science Foundation, Washington, D. C., Geochronology of the Transantarctic Mountains (to be known as Project No. 2411 - NSF Ltr. Dated 4/13/71 - Institute of Polar Studies).  
Gross Value - \$13,200.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-B - Ext. #2 - College of Pharmacy).  
Gross Value - \$9,459.00.
- h. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #3 - Department of Physics).  
Gross Value - \$165,000.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, An Ocular Fundus Anomaly (to be known as Project No. 2771-B - Rev. Award Dated 4/19/71 - Department of Veterinary Clinical Sciences).  
Gross Value - \$1,113.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Neuropharmacology of Pituitary ACTH Regulation (to be known as Project No. 2814-B - Ext. #2 - Department of Pharmacology).  
Gross Value - \$15,896.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Catechol-O-Methyltransferase and Adrenergic Drugs (to be known as Project No. 2837-B - Ext. #2 - College of Pharmacy).  
Gross Value - \$12,906.00.

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

1. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #2 - Department of Electrical Engineering).  
Gross Value - \$6,000.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stereochemical Studies of Adrenergic Drugs (to be known as Project No. 3034-A2 - Ext. #1 - College of Pharmacy).  
Gross Value - \$8,664.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Sciences Support Grant (to be known as Project No. 3053-A2 - Ext. #1 - Office of Research and Sponsored Programs).  
Gross Value - \$63,021.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, The Leadership Role of the Nurse (to be known as Project No. 3204-A1 - New - School of Nursing).  
Gross Value - \$34,223.00.
- p. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - New - Department of Geodetic Science).  
Gross Value - \$30,000.00.
- q. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Review of Environmental Education for Targeted Audiences (to be known as Project No. 3216-A1 - New - College of Education).  
Gross Value - \$50,933.00.
- r. National Science Foundation, Washington, D. C., Grothendieck Ring of Quadratic Forms Over Dedekind Domains (to be known as Project No. 3222-A1 - New - Department of Mathematics).  
Gross Value - \$5,000.00.

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- s. National Science Foundation, Washington, D. C., Finite Group Theory (to be known as Project No. 3223-A1 - New - Department of Mathematics).  
Gross Value - \$4,700.00.
- t. National Science Foundation, Washington, D. C., Nonsplit Lie Algebras and Algebraic Groups (to be known as Project No. 3224-A1 - New - Department of Mathematics).  
Gross Value - \$20,300.00.
- u. National Science Foundation, Washington, D. C., Metal Complexes of Linear and Macrocyclic Tetradentate Ligands (to be known as Project No. 3225-A1 - New - Department of Chemistry).  
Gross Value - \$39,200.00.
- v. National Science Foundation, Washington, D. C., Class Groups of Global Fields (to be known as Project No. 3227-A1 - New - Department of Mathematics).  
Gross Value - \$6,000.00.
- w. National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures (to be known as Project No. 3228-A1 - New - Department of Mathematics).  
Gross Value - \$5,000.00
- x. National Science Foundation, Washington, D. C., Study of Ice Sheet Dynamics Northeast of Byrd Station (to be known as Project No. 3229-A1 - New - Institute of Polar Studies).  
Gross Value - \$45,400.00.
- y. Department of Health, Education and Welfare, Office of Education, Chicago, Illinois, Negative Instances and the Acquisition of the Mathematical Concepts of Commutativity and Associativity (to be known as Project No. 3230-A1 - New - College of Education).  
Gross Value - \$9,464.00.
- z. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - New - Institute of Polar Studies).  
Gross Value - \$15,000.00.
- aa. Department of Health, Education and Welfare, Office of Education, Chicago, Illinois, Racial Interaction Between Counselor and Client as a Factor in Counseling Outcome (to be known as Project No. 3232-A1 - New - College of Education).  
Gross Value - \$9,906.00.

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- bb. National Science Foundation, Washington, D. C., Ecological Studies in the Galapagos Islands (to be known as Project No. 3233-A1 - New - Department of Zoology).  
Gross Value - \$32,000.00.
- cc. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, A Study of the Communicative Interaction Process (to be known as Project No. 3235-A1 - New - School of Nursing).  
Gross Value - \$133,496.00.
- dd. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Aortic Function (to be known as Project No. 3236-A1 - New - Department of Physiology).  
Gross Value - \$20,336.00.
- ee. National Science Foundation, Washington, D. C., Dynamics of Insect-Mediated Breeding Systems in Angiosperms (to be known as Project No. 3238-A1 - New - Institute of Polar Studies).  
Gross Value - \$15,400.00.
- ff. National Science Foundation, Washington, D. C., H-Spaces mod p and H-Spaces of Low Rank (to be known as Project No. 3239-A1 - New - Department of Mathematics).  
Gross Value - \$5,800.00.
- gg. National Science Foundation, Washington, D. C., Graph Connectivity (to be known as Project No. 3240-A1 - New - Department of Mathematics).  
Gross Value - \$5,000.00.
- hh. National Science Foundation, Washington, D. C., Early German Medical and Chemical Words (to be known as Project No. 3241-A1 - New - Department of German).  
Gross Value - \$32,300.00.

TOTAL - Government Research Grants - Federal \$1,035,392.00

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Project No. 1395 - Checks Nos. C0807-682, C0807-683, C0807-684, C0828-746, C0847-877, and C0847-878 - Department of Surgery).  
Gross Value - \$1,544.18.
- b. Robert A. Taft Water Research Center, Water Quality Office, Environmental Protection Agency, Cincinnati, Ohio, Automated System for Water Pollution Control from an Animal Production Unit (to be known as Project No. 2980 - Sup. #1 - Department of Agricultural Engineering).  
Gross Value - \$6,545.00.
- c. Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio, A Single Dose Study of a New Drug (to be known as Project No. 3175-A1 - Sponsor Letter Dated 4/30/71 - Department of Preventive Medicine).  
Gross Value - \$6,871.00.
- d. Ohio Law Enforcement Planning Agency, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency (to be known as Project No. 3178-A1 - New - College of Administrative Science, Division of Public Administration).  
Gross Value - \$158,115.00.
- e. American Iron and Steel Institute, New York, New York, Composition of Passive Films (to be known as Project No. 3221-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$20,000.00.

TOTAL - Industrial and Other Research Grants \$193,075.18

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

June 4, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

	No. of Projects	Gross Value
Government Research Contracts	2	\$9,036.00

During the period from April 17, 1971 through May 14, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 386X    Systems Analysis and Operation Research Support of the Ohio Youth Commission Juvenile Delinquency Prevention Act Planning Project, Ohio Youth Commission, Columbus, Ohio.  
Gross Value - \$5,500.00.

EES 387X    Preparation of Inputs for the Ohio Airport System Planning Application, Ohio Department of Commerce, Columbus, Ohio.  
Gross Value - \$3,536.00.

\*

\*

\*

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 7, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

S U M M A R Y

Administered Through the Office of Business and Finance	\$3,115,760.00
Received Through The Ohio State University Development Fund	71,333.37

A. Administered Through the Office of Business and Finance

1. \$819,051.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the Educational Opportunity Grants, for the period July 1, 1971 through June 30, 1972. (NIH Vendor Number 766505)

June 4, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

2. \$729, 107. 00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program, for the period January 1, 1971 through December 31, 1971. (NIH Grantee Account No. 766505)
3. \$461, 685. 00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Special Project Grant," under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 D08 ME 00110-02)
4. \$174, 400. 00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Educational Improvement Program - Special Project Grant," under the direction of the College of Optometry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 D08 ME 02004-04)
5. \$120, 070. 00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric-Mental Health Nursing," under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH12394-02)
6. \$107, 100. 00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Bethesda, Maryland, 20014, to the University for "Home Training Consultants," under the direction of the College of Medicine - Mental Retardation Training Program, for the period July 1, 1971 through June 30, 1972. (Grant No. 55-P-25182-5-01)
7. \$83, 902. 00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Surgery - Training Grant," under the direction of the Department of Surgery, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01539-06)
8. \$75, 000. 00 additional grant from U. S. Department of Labor, Manpower Administration, Washington, D. C. 20210, to the University for "Manpower Research Institutional Grant," under the direction of the College of Administrative Science - Division of Research, for the period August 1, 1971 through July 31, 1972. (Grant No. 31-37-70-05, Modification No. 2)

June 4, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

9. \$69,200.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Pharmacology - Training Grant," under the direction of the Department of Pharmacology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01417-07)
10. \$57,320.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurological Surgery - Training Grant," under the direction of the Department of Surgery, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 NS05529-06)
11. \$55,000.00 granted by the Agency for International Development, Department of State, Washington, D. C., for technical cooperation with the Government of Uganda to survey current agricultural research and evaluate its quality. (Contract No. AID/afr-785)
12. \$50,366.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 AM05403-09)
13. \$35,635.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08526-08)
14. \$32,846.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatric Nursing," under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T02 MH06375-15)
15. \$31,469.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medicinal Chemistry - Training Grant," under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01949-03)
16. \$30,489.00 granted by State Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for "Evaluation and Validation Instruments to Facilitate Program Review for Improvement, Development and Expansion of Vocational Education," under the direction of the College of Education, for the period July 1, 1970 through June 30, 1972. (Research Project 71-R-132)

June 4, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

17. \$27,098.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Physiological Psychology - Training Grant," under the direction of the Department of Psychology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH06748-14)
18. \$25,934.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, 20014, to the University for "Taxonomic Study of Cariogenic Bacteria," for a Development Award - Research Career Program, under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 DE34363-05)
19. \$25,263.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., 20202, to the University for "Targeted Communications for Instituting Vocational Placement and Follow-Up," under the direction of the Center for Vocational and Technical Education, for the period June 1, 1971 through February 29, 1972. (Grant No. OEG-0-71-2850)
20. \$25,000.00 additional grant from the Department of Transportation, National Highway Traffic Safety Administration, Office of Contracts and Procurement, Washington, D. C., 20590, to the University for an "Interdisciplinary Graduate Training Program in Highway Safety," under the direction of the Department of Industrial Engineering, for the period June 30, 1971 through June 30, 1972. (Contract No. FH-11-7357G)
21. \$24,640.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Electropharmacological Control of Cardiac Function," for a Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 HE11929-08)
22. \$23,184.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Special Purpose Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 A04 AH 00022-03)
23. \$16,721.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Social Work Doctoral and Third Year - Training Grant," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH11981-03)

June 4, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

24. \$10,280.00 granted by The Ford Foundation, New York, New York, to the University for two Advanced Study Fellowships under the direction of the Graduate School, for the year 1971-1972. (Project No. 719-0022)
25. \$5,000.00 granted by The Ford Foundation, New York, New York, to the University for a Ph.D. candidate in the field of ethnic studies under the direction of the Graduate School for a one-year period beginning September 1, 1971. (Grant No. 710-0253)

TOTAL - Administered Through the Office of Business and Finance  
\$3,115,760.00

B. Received Through The Ohio State University Development Fund

1. \$22,062.50 from an anonymous donor for cancer research.
2. \$13,770.87 from the Associates of Medicine, Columbus, Ohio, for their general fund.
3. \$10,000.00 from International Copper Research Association, Inc., New York, New York, for a fellowship and for research in the Department of Welding Engineering.
4. \$8,000.00 from Ohio 4-H Foundation, Columbus, Ohio, for the two funds which it supports.
5. \$7,500.00 from The Payne Fund, Inc., Cleveland Heights, Ohio, for its communications project.
6. \$5,000.00 from E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware, for eye physiology research.
7. \$5,000.00 from Garwick & Ross, Columbus, Ohio, for the Center for Tomorrow Fund.

TOTAL - Received Through The Ohio State University Development Fund  
\$71,333.37

C. Gifts-in-Kind

1. A gift of 26 cattle (one bull, sixteen cows, and nine calves) from John C. Dexter, Columbus, Ohio, for the College of Veterinary Medicine - Department of Veterinary Clinical Sciences.

June 4, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

2. The Ohio State University hereby accepts an undivided ten percent interest in the surface rights of a 28.53 acre parcel of land, lying in part of the Northwest Quarter of Section 27, Township 12 North, Range 3 West, in the State of Oklahoma, from Florence O. Wilson, and subsequently authorizes the Chairman of the Board of Trustees and the Secretary of the Board to execute a special warranty deed for such interest of The Ohio State University to the State of Oklahoma and to execute a claim form for the recovery from the Oklahoma Department of Highways of \$49,927.50 in payment for such transfer of interest.

D. Establishment of New Fund from Previously Reported Gift

Edith Fergus Gilmore Materials and Scholarship Fund

The Edith Fergus Gilmore Materials and Scholarship Fund was established June 4, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Robert H. Fergus, John C. and Elizabeth O. Fergus, in honor of their mother and mother-in-law, Edith Fergus Gilmore (Mrs. Paul L.), 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 University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to assist students in the purchase of materials and the production of works of fine and applied arts, or for scholarships, as determined by the Dean of the College of The Arts.

Should the need for these scholarships or for the purchase of art materials cease to exist or so diminish as to provide unused income, or should the College of The Arts 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 of the appropriate administrative official of the University who is then directly responsible for art education and art production programs at the University.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the acceptance of the foregoing grants and gifts and the establishment of the above-named fund were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

E. Report from The Ohio State University Development Fund

In April, 1971, the Development Fund received gifts on behalf of the University as follows:

June 4, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Report from The Ohio State University Development Fund (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,945	\$ 94,742.61
Individuals Other than Alumni	352	50,958.40
Business Concerns	40	65,380.62
Foundations and Nonprofit Organizations	46	76,936.49
	<u>3,383</u>	<u>\$288,018.12</u>

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. University Hospital, Improvements to Ventilating of  
6th Floor and 8 East Nursing Stations

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$149,610.00	\$147,318.00	(\$2,292.00)

The changes on this project represent deviations from the standard 6th floor nursing station plan due to conditions discovered during construction on the 5th, 7th, 8th, 9th, 10th and 11th floors resulting in a credit.

Funds for this project have been provided by a transfer from University Hospital Rotary to Budget Account 801213 (Hospital Air Conditioning - 6th and 8th Floors).

B. Ohio Union - Revision of Dishwashing System

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 28,971.00	\$ 29,385.47	\$ 414.47

During the progress of construction, necessary changes were made to obtain a more acceptable job. This included the relocation of some circuits and additional wiring.

June 4, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. Ohio Union - Revision of Dishwashing System (continued)

Funds for this project have been provided from the Ohio Union Operating Account.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Medical Academic - Area Lighting Improvements

This project provides for the installation of mercury lighting on aluminum poles with underground wiring for the sidewalks and streets adjacent to Hamilton Hall, the School of Nursing, and the Medical Sciences Building.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Classroom Buildings - Installation of Fire Alarm Systems

This project provides for the installation of modern fire alarm systems in compliance with the applicable building codes in Baker Systems Engineering, Brown Hall, Electronics Engineering, Ives Hall, and Welding Engineering buildings.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

C. University Hall

This project consists of the removal of the building.

Funds for this project have been provided from Item 315-078 University Hall Complex, H. B. 531.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

June 4, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Agricultural Technical Institute, Wooster

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(10 bids received 5-19-71)		
Bogner and Sons (Wooster)		
Base bid	\$1,055,463.00	\$1,020,000.00
Alt. G-1 Furnish labor and material to install concrete parking blocks in parking area where indicated	2,680.00	1,800.00
Alt. G-2 Furnish necessary labor and material to stripe parking lot with zone marking paint as detailed on drawings	398.00	900.00
Alt. G-3 Furnish necessary labor and materials to install 6" batt insulation above ceiling of all office areas as designated on drawings	1,427.00	2,830.00
Alt. G-4 Furnish necessary labor and materials to install a movable partition system with a vinyl covered gypsum board for the panel material in lieu of all painted partitions	3,275.00	3,226.00
Alt. G-5 Furnish necessary labor and materials to install brick pavers in lieu of quarry tile	4,502.00	4,500.00
Alt. G-6 Asphalt concrete in lieu of all graveled areas	12,060.00	16,050.00
Alt. G-7 Seeding	4,931.00	6,000.00
Total	<u>\$1,084,736.00</u>	<u>\$1,055,306.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(9 bids received 5-19-71)		
Swagler's, Inc. (Seville, Ohio)		
Base bid	\$ 432,707.00	\$ 449,000.00
Alt. HVAC-1 Flow fittings	6,374.00	3,000.00
Total	<u>\$ 439,081.00</u>	<u>\$ 452,000.00</u>

\*All bids for the General Contract and the Fixed Equipment Contract were over the Estimate of Cost but it is believed that better bids could not be obtained by re-advertising and therefore award of these contracts to the low bidders are recommended subject to the approval of the State Controlling Board.

June 4, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Agricultural Technical Institute, Wooster (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (7 bids received 5-19-71)		
Swagler's, Inc. (Seville, Ohio)		
Base bid	\$ 154,497.00	\$ 195,000.00
Alt. P-1 Glass pipe in lieu of plastic acid resistant pipe	1,259.00	2,000.00
Alt. P-3 10" pipe in lieu of 8" pipe	826.00	1,275.00
Total	<u>\$ 156,582.00</u>	<u>\$ 198,275.00</u>
<u>Electrical Contract</u> (8 bids received 5-19-71)		
Triangle Electric Co. (Canton)		
Base bid	<u>\$ 215,235.00</u>	<u>\$ 251,000.00</u>
<u>Laboratory Equipment Contract</u> (4 bids received 5-19-71)		
Smith and Schaefer, Inc. (Lakewood, Ohio)		
Base bid	<u>\$ 145,000.00*</u>	<u>\$ 135,000.00</u>
<u>Total Contracts</u>	<u>\$2,040,634.00</u>	<u>\$2,091,581.00</u>

\*All bids for the General Contract and the Fixed Equipment Contract were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidders are recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 315-010 (Ohio Board of Regents Architectural Planning) and Item 366-001 (Agricultural Technical Institute, Ohio State University, Wooster), H. B. 531.

B. Ramseyer Hall Renovation, Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received 5-11-71)		
Waller and Lund, Inc. (Columbus)		
Base bid	<u>\$ 31,780.00</u>	<u>\$ 55,000.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u> (3 bids received 5-21-71)		
R. M. Giehl, Inc. (Columbus)		
Base bid	<u>\$ 239,000.00</u>	<u>\$ 244,000.00</u>

June 4, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Ramseyer Hall Renovation, Phase II (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(6 bids received 5-11-71)		
CTH Electric Co. (Columbus)		
Base bid	\$ 47,290.00	\$ 42,600.00
Alt. E-1 Electrical hook-up for additional fan coil units on ground floor	2,240.00	5,500.00
Alt. E-2 Electrical hook-up of additional fan coil units on first, second and third floors	2,750.00	6,000.00
Total	<u>\$ 52,280.00</u>	<u>\$ 54,100.00</u>
<u>Total Contracts</u>	<u>\$ 323,060.00</u>	<u>\$ 353,100.00</u>

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801140 (Renovation of Ramseyer Hall).

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\*

\*

\*

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Clinical Medical Sciences Education Facility -  
Employment of Architects

President Fawcett recommended that the architectural firm of Page Southerland and Page, Austin, Texas, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and complete supervision of construction.

An Ohio architectural firm will be selected to supplement local representation of Page Southerland and Page.

The fee for this service will be negotiated based upon the Architects Society of Ohio of the American Institute of Architects recommended minimum cost of service, as modified by the Department of Public Works letter dated September 23, 1969.

June 4, 1971 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Clinical Medical Sciences Education Facility -  
Employment of Architects (continued)

Funds for this project have been provided from Item 315-016, Medical Complex, H. B. 531, a Public Health Service Grant and local Hospital funding.

Upon motion of Mr. Gushman, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Harry Gehman Good, Professor Emeritus in the College of Education. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Harry Gehman Good

The Board of Trustees expresses its sorrow at the death on April 11, 1971, of Harry Gehman Good, Professor Emeritus in the College of Education.

Professor Good was born July 14, 1880, in Lancaster, Pennsylvania. He received his A. B. degree in 1909 from Indiana University and his Ph. D. degree in 1915 from the University of Pennsylvania. He joined the faculty of The Ohio State University for the summer of 1920 and then permanently in 1922 as Professor of the History of Education. He served with distinction in that capacity for twenty-eight years. Upon his retirement on June 30, 1950, he was named Professor Emeritus.

During his long career as a teacher, first in the public schools of New Jersey and Pennsylvania and later at six universities, he attained a reputation of distinction as a writer of the history of education, as well as in the other dimensions of scholarship and teaching. His writings, under nearly 100 titles include two widely used textbooks, The History of Western Education and The History of American Education.

Following his retirement Professor Good prepared a volume of 306 pages entitled The Rise of the College of Education (at The Ohio State University) which was published by the College of Education in 1960. In this account which roughly corresponded to the period of the first half century of the College, Professor Good assembled a valuable record of organizational and major program developments which was intended, not as a complete history of the College, but as an interpretation of its pattern of early development.

June 4, 1971 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Harry Gehman Good (continued)

Professor Good earned the enviable reputation among historical scholars as a faithfully authoritative worker and a penetrating analyst of education both in its institutional structure and in its substantive significance. His early concern with the main cultural trends and issues underlying education led his major students themselves to continue his leadership of thought in this field.

On behalf of the University, the Board of Trustees expresses to his three daughters and their families 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 sent to each of the daughters as a humble expression of the Board's heartfelt sympathy in their bereavement.

\*

\*

\*

X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held May 21, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on May 21, 1971:

That the request for approval of a new degree, Associate in Applied Science in agricultural technologies, submitted by The Ohio State University is hereby approved, provided that individual degree programs are to be submitted for approval as they are developed for introduction into the instructional program of the Agricultural Technical Institute.

B. Report on the University's Investment Portfolio

The report dated June 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

\*

\*

\*

Thereupon the Board adjourned to meet Friday, July 2, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

Page 544 Blank

APPENDIX X

Revisions of Rules 35.07 and 49.03  
of Rules for the University Faculty

Approved by Faculty Council  
May 11, 1971

Adopted by Board of Trustees June 4, 1971  
(See page 518)

Page 546 Blank

Revisions of Rules 35.07 and 49.03 of  
Rules for the University Faculty

The Faculty Council on May 11, 1971, approved revisions in Rules 35.07 and 49.03 of Rules for the University Faculty. The text of the Rules as revised is as follows:

35.07. Marks.

EM--Examination

Section 1. This mark indicates credit given to students registered in the University on the basis of examinations taken prior to or after admission to the University. The level of achievement which must be demonstrated by the student on these examinations in order to receive EM credit shall be determined by the Department or School in which the course for credit is being given is taught. This credit, up to a maximum of 45 quarter credit hours, or of 70 quarter credit hours in the case of students registered in the School of Nursing who have completed diploma nursing programs and are licensed registered nurses, shall be assigned only upon the authorization of the Chairman of such Department or the Director of such School and with the approval of the Executive Committee of the College in which the student is registered. Additional examination quarter credit hours may be assigned in the same manner but only with the prior approval of the Council on Academic Affairs.

Section 2. Examination credit shall not be given to a student for a course in which he has received a mark at this University. No credit points are allowed for courses in which a mark of EM is given.

- o -

49.03. Requirements for Undergraduate Degree.

- g. Waiver of any part of this Rule (49.03) in the case of individual students may be made only by the Council on Academic Affairs following prior approval by the Executive Committee of the College. The Provost and Vice President for Academic Affairs shall transmit all affirmative actions of the Council on Academic Affairs under this section to the Secretary of the student's college and to the Registrar for notation on the student's permanent record.

- o -

Page 548 Blank

APPENDIX XI

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 11, 1971

Page 550 Blank

## The Recipient of Honor

NEIL A. ARMSTRONG

Doctor of Science

*Pioneering explorer whose courageous venture to the frontiers of space has brought the fulfillment of mankind's age-old dream.*

Currently Deputy Associate Administrator for Aeronautics with the National Aeronautics and Space Administration, Neil A. Armstrong's long experience with aviation and deep interest in space exploration is a chronicle of great service to his country and to his fellow man.

A native of Wapakoneta, Ohio, Mr. Armstrong's outstanding record of service began in the midst of his college years when he was called to active duty as a pilot in Korea. He returned to Purdue University following the Korean conflict and received a Bachelor of Science degree in 1955.

The development of Mr. Armstrong's interest in aviation was furthered by his work as a civilian research pilot for the National Advisory Committee for Aeronautics first at the Lewis Flight Propulsion Laboratory in Cleveland and later at the NACA High Speed Flight Station at Edwards Air Force Base, California. The superiority of Mr. Armstrong's aviation skills is evidenced by the fact that he participated in flight tests of the F-100, F-104, B-47, and F-102 supersonic planes.

The outstanding qualifications of Neil Armstrong as an aviation and space expert were again confirmed when it was announced in 1962 that he had been accepted into the NASA astronaut program. As commander of the Gemini 8 mission, he took part in the first manual space docking in history and in 1969, his superlative astronautical performance was recognized by his selection for the Apollo 11 moonshot program.

On July 21, 1969, Neil Armstrong's greatest achievement was realized. Television cameras recorded history as the Apollo 11 commander starred in the debut of man on the surface of the moon. Through this successful mission, Neil Armstrong and his fellow astronauts brought the United States and the world a "giant leap" forward in establishing methods and techniques for research and exploration in space.

The Ohio State University is proud to recognize Neil Armstrong as a man who not only directed the destiny of a space capsule, but as an individual who courageously advanced civilization in its conquest of the unknown.

## Graduate School

Dean: Artliss L. Roaden

### Doctor of Philosophy

One hundred and seventy-four candidates

Frank Donald Adams Dayton  
B.S., M.A. (Kent State University)  
*Dissertation:* An Investigation of the Semiconductor-to-Metal Transition in Chlorine Doped Cadmium Sulfide Using Nuclear Magnetic Resonance  
*Field of Specialization:* Physics

Bruce Taylor Alton Delaware  
B.A. (Ohio Wesleyan University); M.A. (Michigan State University)  
*Dissertation:* A Consideration of Motivating Factors in Resignation of the Academic Presidential Role  
*Field of Specialization:* Education

Paul Nelson Arendt Toledo  
B.S. (Bowling Green State University)  
*Dissertation:* An Analysis of the Heating and Confinement of Plasmas by Radio Frequency Antenna Systems  
*Field of Specialization:* Physics

John Desmond Baggot Dublin, Ireland  
B.Sc., M.V.B., M.V.M. (University of Dublin)  
*Dissertation:* A Comparative Study of the Pharmacokinetics and Biotransformation of Amphetamine  
*Field of Specialization:* Veterinary Physiology and Pharmacology

Nancy Jean Baldwin Cuyahoga Falls  
B.S. in Edu. (University of Akron); M.S. (University of California)  
*Dissertation:* Comparison of Sportsmanship Attitudes and Play Styles of Inner City and Outer City Ninth Grade Students  
*Field of Specialization:* Physical Education

Anna Dunaway Barker Columbus  
B.S. (Morehead State College); M.A.  
*Dissertation:* The Effect of Interferon Inducers on the Progress of Friend Virus Leukemia in Mice  
*Field of Specialization:* Microbiology

Ethelbert Courtland Barksdale Arlington, Tex.  
B.A. (Arlington State College); M.A.  
*Dissertation:* Gončarov and the Pastoral Novel in Nineteenth Century Russian Literature  
*Field of Specialization:* Slavic Languages and Literature

John Calvin Barton Columbus  
B.S. in Edu., M.A.  
*Dissertation:* Continuing Medical Education Needs as Perceived by Selected Ohio Physicians  
*Field of Specialization:* Education

Steven Ivan Baskin Monterey Park, Calif.  
Pharmacy Degree (University of Southern California)  
*Dissertation:* The Effect of Anti-Arrhythmic Agents on the Actions of Ouabain in the Isolated Perfused Guinea Pig Heart  
*Field of Specialization:* Pharmacology

Richard Wentworth Beck Columbus  
B.S. in Edu., M.A.  
*Dissertation:* Criteria for the Selection of Students for Trade and Industrial Education Programs  
*Field of Specialization:* Education

John Emil Becker Rosemount, Minn.  
B.S. in Edu., M.A.  
*Dissertation:* The History of the Minnesota Intercollegiate Athletic Conference 1920-1970  
*Field of Specialization:* Physical Education

Thomas George Bedecki Kanata, Ont., Canada  
B.A. (Saint Francis Xavier University)  
*Dissertation:* Modern Sport as an Instrument of National Policy with Reference to Canada and Selected Countries  
*Field of Specialization:* Physical Education

Koste Alexander Belcheff Oberlin  
B.S. in Edu.; M. Mus. Ed. (University of Arizona)  
*Dissertation:* The Development of a Cost Analysis Instrument to Be Used in Costing Out the High School Music Program  
*Field of Specialization:* Education

James William Bell Cincinnati  
B.S.Ed. (University of Cincinnati); M.Ed. (University of Arizona)  
*Dissertation:* A Comparative Analysis of the Normative Philosophies of Plato, Rousseau, and Dewey as Applied to Physical Education  
*Field of Specialization:* Physical Education

David Frederick Berry North Royalton  
A.B. (Baldwin-Wallace College); M.A.  
*Dissertation:* A Comparison of Multivariate Procedures for Grouping MMPI Profile Data  
*Field of Specialization:* Psychology

Vivek Dattatray Bhise Bombay, India  
B. Tech. (Indian Institute of Technology); M.S. (University of California)  
*Dissertation:* The Relationship of Eye Movements and Perceptual Capabilities to Visual Information Acquisition in Automobile Driving  
*Field of Specialization:* Industrial Engineering

David Karl Binau Columbus  
B.S. in Edu., M.A.  
*Dissertation:* A Computer-Based System for Career Role Definition Using the Settings-Functions-Competencies Model  
*Field of Specialization:* Education

John Blaha Franklin Square, N. Y.  
B.S. (State University of New York, Stony Brook); M.A.  
*Dissertation:* Visual Information Processing: Location Uncertainty Effects on Target Detection  
*Field of Specialization:* Psychology

Richard John Bober Wickliffe  
M.A. (Catholic University of America)  
*Dissertation:* The Latinitas of Servius  
*Field of Specialization:* Classics

David Reese Bohnke Columbus  
B.S. (Slippery Rock State College); M.A. (University of Iowa)  
*Dissertation:* Attitude Differential between Negro and Caucasian Intercollegiate Athletes  
*Field of Specialization:* Physical Education

- Anthony Adrian Boiarski Dayton  
B.A.A.E., M.S.  
*Dissertation:* Vibrational Relaxation of Anharmonic Oscillators  
*Field of Specialization:* Aeronautical and Astronautical Engineering
- Donald Sinclair Bolon Athens  
B.S. in Bus.Adm., M.B.A.  
*Dissertation:* The Differential Effects of Authority in a Large Integrated Aluminum Company  
*Field of Specialization:* Business Administration
- Zinny Sans Bond Columbus  
B.A. (University of Akron); M.A.  
*Dissertation:* Units in Speech Perception  
*Field of Specialization:* Linguistics
- Herman Franklin Bostick Atlanta, Ga.  
B.A. (Morehouse College); M.A. (Atlanta University)  
*Dissertation:* The Introduction of Afro-French Literature and Culture in the American Secondary School Curriculum: A Teacher's Guide  
*Field of Specialization:* Education
- Lawrence Paul Buck Wichita, Kan.  
B.A. (Wichita State University); M.A.  
*Dissertation:* The Containment of Civil Insurrection: Nürnberg and the Peasants' Revolt, 1524-1525  
*Field of Specialization:* History
- Frederick Buell Buoni Westerville  
A.B. (Rutgers University); M.S.  
*Dissertation:* The Application of Bayesian Decision Theory to the Selection of Functional Test Intervals for Engineered Safety Systems  
*Field of Specialization:* Nuclear Engineering
- Lester Irwin Burke Toledo  
B.S. (University of Toledo)  
*Dissertation:* The Application of Surface Area Measurements for the Quantitative Microdetermination of Lipids  
*Field of Specialization:* Physiological Chemistry
- Caio O. N. Cardoso Piracicaba, S. P., Brazil  
Eng. Agro. (University of Sao Paulo); M.S. (Escola Superior de Agricultura)  
*Dissertation:* Accumulation of Phenols and Phytoalexins in Hypocotyls of Bean Infected with *Fusarium solani* f. *phaseoli* (Burk.) Synd. and Hans.  
*Field of Specialization:* Plant Pathology
- R. Reynold Carlson Brady, Tex.  
B.A. (McMurry College)  
*Dissertation:* Dipole Moments of Some Tertiary Phosphine Oxides, Sulfides, and Selenides and Some Tertiary Arsine Oxides and Sulfides  
*Field of Specialization:* Chemistry
- Kenneth Ward Carter Plainfield, Vt.  
B.A. (Antioch College); M.A. (Columbia University)  
*Dissertation:* An Assessment of the Impact of Various College Characteristics on Change in Student Personality  
*Field of Specialization:* Psychology
- Charles Everett Chaille Fairborn  
B.Cer.E., M.S.  
*Dissertation:* Brown-Staining in High Alumina Ceramics  
*Field of Specialization:* Ceramic Engineering
- Gyan Chandra Bahjoi, Moradabad, India  
B.Com., M.Com. (Agra University); M.S. (University of Minnesota)  
*Dissertation:* Disclosure: A Study of the Consensus among Public Accountants and Security Analysts  
*Field of Specialization:* Accounting
- Michael Allen Clark Columbus  
B.S.  
*Dissertation:* Ultrastructural Cytochemical Studies of Normal Human Blood and Bone Marrow Cells  
*Field of Specialization:* Anatomy
- Richard Hunter Clossman Muncie, Ind.  
B.A. (Bob Jones University); B.D. (Northern Baptist Theological Seminary); M.A.  
*Dissertation:* A History of the Organization and Development of the Baptist Churches in Ohio from 1789 to 1907, with Particular Reference to the Ohio Baptist Convention  
*Field of Specialization:* History
- Joe Kennedy Cochran, Jr. College Park, Ga.  
B.Cer.Eng., M.S. (Georgia Institute of Technology)  
*Dissertation:* Pigment-Polymer Interaction and Pigment Morphology Effects on Optical Degradation of Pigmented Coatings  
*Field of Specialization:* Ceramic Engineering
- Gwenzora Crawford Cooke Ashland  
B.S. in H.E., M.S.  
*Dissertation:* Changes in the Beliefs of Cooperating Teachers and Their Student Teachers during the Student Teaching Experience  
*Field of Specialization:* Home Economics
- Michael Henry Cosgrove Mariden, Ia.  
B.S. (South Dakota State College); M.S. (University of Arizona)  
*Dissertation:* Cost and Quality of Water Service in Ohio Cities  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Charles Edward Cottrell Wapakoneta  
B.S., M.S. (University of Wisconsin)  
*Dissertation:* Inversion Studies of Organomagnesium Compounds  
*Field of Specialization:* Chemistry
- Leon N. Coursey Flushing, N. Y.  
B.A., M.S. (Queens College, New York)  
*Dissertation:* The Life of Edwin Bancroft Henderson and His Professional Contributions to Physical Education  
*Field of Specialization:* Physical Education
- David John Cowen Rochester, N. Y.  
B.A., M.A. (State University of New York at Buffalo)  
*Dissertation:* Dynamic Aspects of Urban Industrial Location  
*Field of Specialization:* Geography

- Jack Albert Cryder Albion, Pa.  
B.S. (Edinboro State College); M.A.Ed. (Allegheny College)  
*Dissertation*: Student Characteristics in a New Curriculum  
*Field of Specialization*: Education
- Alfonso John Damico Amsterdam  
A.B. (George Washington University); M.A.  
*Dissertation*: Individuality and Community: The Social and Political Ideas of John Dewey  
*Field of Specialization*: Political Science
- William Eugene DeLorenzo Springfield, N. J.  
B.A., M.A. (Montclair State College)  
*Dissertation*: The Performance-Oriented Foreign Language Methods Course: A Partially Programmed Approach  
*Field of Specialization*: Education
- Phyllis Jane Dragonas Beverly, Mass.  
A.B., Ed.M. (Boston University); M.A. (Middlebury College)  
*Dissertation*: Differentiated Staffing in the Teaching of Foreign Languages: A Conceptual Framework  
*Field of Specialization*: Education
- John Oak Early Hilliard  
B.S. in Agr., M.S. (Colorado State University)  
*Dissertation*: An Economic Analysis of Agri-Business Credit Sources and Uses in the Itapetinga and Sao Jose Do Rio Preto Areas, Sao Paulo, Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Dale Eugene Elliott Columbus  
B.S. in Edu., M.A.  
*Dissertation*: The Grammar of Emotive and Exclamatory Sentences in English  
*Field of Specialization*: Linguistics
- Gwendolyn McDuffie Ellis Grambling, La.  
B.S. (Hampton Institute); M.B.A. (University of Chicago)  
*Dissertation*: An Appraisal of the Pre-Service Preparation of Business Teachers in Forty-Five Institutions Accredited by the National Council for Accreditation of Teacher Education and Located in the Southern Business Education Region  
*Field of Specialization*: Education
- Frederick Eng Baltimore, Md.  
B.S. (University of Maryland)  
*Dissertation*: Electrochemical Oxidation of Diastereoisomeric Sympathomimetic Amines  
*Field of Specialization*: Pharmacy
- Jessie Ann Nelson Engle Columbus  
A.B. (Bennington College); M.S.  
*Dissertation*: Haar Measure on Left-Continuous Groups and a Related Uniqueness Theorem  
*Field of Specialization*: Mathematics
- Joaquim Jose de Carmargo Engler Piracicaba, S. P., Brazil  
Eng. Agr. (Escola Superior de Agricultura Luiz de Queiroz); Doutor Agr. (University of Sao Paulo); M.S.  
*Dissertation*: Alternative Enterprise Combinations under Various Price Policies on Wheat and Cattle Farms in Southern Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Daniel Allen Falk New York, N. Y.  
B.A. (New York University); M.S.  
*Dissertation*: Orders in Separable Algebras  
*Field of Specialization*: Mathematics
- Wayne Lee Felty Harrisburg, Pa.  
B.S. (Lebanon Valley College); M.S.  
*Dissertation*: Studies Involving Schiff Bases and Their Zinc(II) Complexes: I. Equilibria and Transamination Rates of Vitamin B<sub>6</sub> Compounds. II. Transamination Kinetics of Salicylaldehyde Schiff Bases  
*Field of Specialization*: Chemistry
- Lawrence Kellogg Finley Richmond, Va.  
B.B.A., M.B.A. (North Texas State University)  
*Dissertation*: An Adaptation-Based Organization Typology  
*Field of Specialization*: Business Administration
- Robert George Finney Raleigh, N. C.  
A.B. (Marietta College); M.A.  
*Dissertation*: Television News Messages and Their Perceived Effects in a Congressional Election Campaign  
*Field of Specialization*: Speech
- William Eayre Flinn, Jr. Mansfield  
B.S.Ed. (Bowling Green State University); M.A.  
*Dissertation*: A Systems Analysis of Air Force ROTC Curriculum  
*Field of Specialization*: Education
- Michael Stephen Flom St. Louis, Mo.  
B.S. (University of California, Los Angeles); M.S. (University of Wisconsin)  
*Dissertation*: Part I. The Isolation and Characterization of Alkaloids of *Caulophyllum thalictroides* (L.) Michx Part II. The Isolation and Characterization of Alkaloid and Neutral Principles of *Magnolia acuminata* L.  
*Field of Specialization*: Pharmacy
- Bill J. Frye Brazil, Ind.  
B.S., M.S. (Indiana State University)  
*Dissertation*: An Analysis of Teacher Education Innovations with Recommendations for Their Utilization in the Professional Preparation of Prospective Industrial Arts Teachers  
*Field of Specialization*: Education
- Anthony Martins Gamboa Columbus  
B.S.Ed. (State College of Boston); M.Ed. (Miami University)  
*Dissertation*: Race and Counselor Climate as Selected Factors in the Counselor Preference of Delinquent Girls  
*Field of Specialization*: Education
- Ivo Stuart Henry Gasson Calgary, Alta., Canada  
B.Ed. (University of British Columbia); M.S. (University of Washington)  
*Dissertation*: The Development of an Observational Instrument to Record Selected Teacher-Pupil Behaviors in Primary School Physical Education  
*Field of Specialization*: Education
- Robert Anthony Golobic Cleveland  
B.A.A.E., M.S.  
*Dissertation*: A Laboratory Study of Strong Shock Waves in Xenon  
*Field of Specialization*: Aeronautical and Astronautical Engineering

- Lennis Harris Green Columbus  
B.S., M.A.  
*Dissertation*: An Investigation of Factors which Influence the Vocational Classification of Career Oriented and Home Oriented Women  
*Field of Specialization*: Psychology
- Louis Ernest Guskey Pittsburgh, Pa.  
B.S. (Capital University); M.S.  
*Dissertation*: A Study of the Control Mechanisms in Poliovirus Induced Cytopathology as Related to Lysosomal Enzyme Release  
*Field of Specialization*: Microbiology
- Randolph Louis Gysler Fresno, Calif.  
B.S.Ed., M.A. (Kent State University)  
*Dissertation*: A Rationale and Structure for Graphic Communication Technology with Implications for Industrial Arts Education  
*Field of Specialization*: Education
- Alan Stuart Hackel Delaware  
A.B., M.A. (Case Western Reserve University)  
*Dissertation*: Police Education in Franklin County: A Study of Need  
*Field of Specialization*: Education
- Bruce Sherwood Harger Mystic, Conn.  
B.A. (Denison University); M.Ed. (Pennsylvania State University)  
*Dissertation*: The Physiological Responses of Untrained College Men to Two Frequencies of High Volume Interval Training  
*Field of Specialization*: Physical Education
- Joseph William Harpster Columbus  
B.S. (Geneva College); M.S. (Case Western Reserve University)  
*Dissertation*: Alpha Particle Imaging with a Silicon Diode Array Vidicon Tube  
*Field of Specialization*: Nuclear Engineering
- Gary Lynn Harris Mansfield  
B.A., M.A.  
*Dissertation*: A Historical Study of Ablaut in Common Slavic, Old Church Slavonic, and Russian  
*Field of Specialization*: Slavic Languages and Literature
- Edward Francis Hauck Indiana, Pa.  
B.S., M.S. in Ed. (Indiana University, Pennsylvania)  
*Dissertation*: Adolescent Relationships with Significant Adults Other than Parents: A Community Study  
*Field of Specialization*: Education
- Phillip Lee Hayden Dayton  
B.A. (Municipal University of Wichita); M.S. (University of Cincinnati)  
*Dissertation*: Aqueous Chemistry of Aluminum(III) and the Solubility and Colloidal Stability of Its Precipitates  
*Field of Specialization*: Civil Engineering
- John Watts Hevener North Mankato, Minn.  
A.B., M.A. (Marshall University)  
*Dissertation*: A New Deal for Harlan: The Roosevelt Labor Policies in a Kentucky Coal Field 1931-1939  
*Field of Specialization*: History
- Shuan-fan Huang Tainan, Taiwan  
B.A. (National Taiwan University); M.A.  
*Dissertation*: A Study of Adverbs  
*Field of Specialization*: Linguistics
- Phyllis Ester Huff Fairborn  
A.B. (Morehead State College); M.Ed. (Miami University)  
*Dissertation*: The Effects of the Use of Activities of Science - A Process Approach on the Oral Communication Skills of Disadvantaged Kindergarten Children  
*Field of Specialization*: Education
- Carroll Ray Hyder Johnson City, Tenn.  
B.S., M.A. (East Tennessee State University)  
*Dissertation*: An Assessment of the Effectiveness of Summer Workshops for Training Teachers to Use the Materials of the Industrial Arts Curriculum Project  
*Field of Specialization*: Education
- Maynard James Iverson Mohall, N.D.  
B.S. (North Dakota State University); M.Ed. (Colorado State University)  
*Dissertation*: Guidelines for the Development of Student Organizations Associated with Agricultural Programs at Two-Year, Post-Secondary Educational Institutions in the United States  
*Field of Specialization*: Agricultural Education
- Glenn Alfred Janus Norfolk, Va.  
A.B. (University of Rochester); M.A.  
*Dissertation*: The Polish Kolo, the Russian Duma, and the Question of Polish Autonomy  
*Field of Specialization*: History
- Rollin Dean Jauchius Worthington  
B.A., M.A.  
*Dissertation*: Gubernatorial Roles: An Assessment by Five Ohio Governors  
*Field of Specialization*: Political Science
- Hugo Edward Kanitz Mt. Pleasant, Mich.  
B.S. (Michigan State University); M.Ed. (University of Toledo)  
*Dissertation*: Predicting Effectiveness in Potential Teachers  
*Field of Specialization*: Education
- Michael Kanitz San Diego, Calif.  
A.B., M.A. (San Diego State College)  
*Dissertation*: A Comparison of Water Polo and Swimming on the Aerobic Capacity, Strength and Physical Characteristics of Varsity College Swimmers  
*Field of Specialization*: Physical Education
- Samuel Israel Kanter Columbus  
B.A.; LL.B. (Ohio Northern University); M.A.  
*Dissertation*: The Nuremberg Trials: A Test Case for Jurisprudence  
*Field of Specialization*: Philosophy
- Richard Allen Kapp Brecksville  
B.A., M.A.  
*Dissertation*: Convergent and Discriminant Validation of Cognitive Complexity and Self-Regard by the Multitrait-Multimethod Matrix Method  
*Field of Specialization*: Psychology

Zaven Albert Karamanoukian Granville  
B.A. (American International College); A.M. (University of Illinois)  
*Dissertation*: On the Covering Problem for the Gaussian and Eisenstein Fields  
*Field of Specialization*: Mathematics

Albert N. Keim Harrisonburg, Va.  
B.A. (Eastern Mennonite College); M.A. (University of Virginia)  
*Dissertation*: John Foster Dulles and the Federal Council of Churches--1937-1949  
*Field of Specialization*: History

Wilmer Lee Kerns Arlington, Va.  
A.B. (Trevecca Nazarene College); A.M. (University of Michigan)  
*Dissertation*: School Desegregation: A Study of Services Provided by Advisory Specialists Funded under TITLE IV, SECTION 405, of the Civil Rights Act of 1964  
*Field of Specialization*: Education

Harry Stephen King Dayton  
B.S. (Stanford University); M.S.  
*Dissertation*: Radiation from a Charged Particle Executing Helical Motion in a Magneto-Ionic Medium  
*Field of Specialization*: Electrical Engineering

Vincent Mervin King Charlotte, Mich.  
B.S. in Opt., M.S.  
*Dissertation*: The Role of Pupil Constriction in Discomfort Glare  
*Field of Specialization*: Physiological Optics

Mark Kirkpatrick Rocky River  
B.A., M.A.  
*Dissertation*: Some Multi-State Models for Visual Search Performance  
*Field of Specialization*: Psychology

Maizie Setsuko Kobayashi Hilo, Hawaii  
B.S. in Edu., M.A.  
*Dissertation*: The Educational Implications of Existentialism and Buddhism  
*Field of Specialization*: Education

Gary James Kociba Harbor Beach, Mich.  
B.S., D.V.M. (Michigan State University); M.S.  
*Dissertation*: Studies of Leukocyte Procoagulant and Its Role in Blood Coagulation  
*Field of Specialization*: Veterinary Pathology

Gary Alden Kreps Columbus  
B.A. (University of Akron); M.A.  
*Dissertation*: Innovation in Crisis Relevant Organizations: A Model of the Process of Organizational Change  
*Field of Specialization*: Sociology

William Harris Kroes Columbus  
B.S. (University of California); M.A. (University of Denver)  
*Dissertation*: Development of the Concept of Class in Children  
*Field of Specialization*: Psychology

Surinder Kumar Amritsar, India  
B.Sc. (Panjab University); M.S.  
*Dissertation*: Isolation, Partial Characterization, and Antimicrobial Activity of IgM from Bovine Colostrum and Milk  
*Field of Specialization*: Dairy Technology

Robert Claude Lafayette Whitewater, Wis.  
B.A. (University of Notre Dame); M.A.T. (University of Chicago)  
*Dissertation*: An Investigation of Causes Leading to Early Attrition in Foreign Language Study  
*Field of Specialization*: Education

William Dovel LeSage, Jr. Powell  
B.S., M.A. (Marshall University)  
*Dissertation*: Accountability - The Release of School-by-School Comparative Test Data  
*Field of Specialization*: Education

Alphonse Rene Lewis Fayetteville, N.C.  
B.S. (Tougaloo College); M.S.Ed. (Indiana University)  
*Dissertation*: A Study of the Deanship in American Medical Colleges  
*Field of Specialization*: Education

Ronald Dorance Lindmark, Carbondale, Ill.  
B.S., M.S. (University of Minnesota)  
*Dissertation*: Second Homes in Northwestern Wisconsin: A Study of the Owners and Their Use Patterns and Characteristics of the Second Home Structure  
*Field of Specialization*: Agricultural Economics and Rural Sociology

Robert Charles Linnon Columbus  
B.S., M.A.Ed. (Seton Hall University)  
*Dissertation*: An Analysis of Persisters and Non-Persisters in a Long Term, Non-Credit University Labor Education Program  
*Field of Specialization*: Education

Anthony Joseph Lisska Granville  
A.B. (Providence College); M.A. (Saint Stephen's College)  
*Dissertation*: Role of Phantasms in Aquinian Perceptual Theory  
*Field of Specialization*: Philosophy

David Webster Long Upper Sandusky  
B.S., M.S.  
*Dissertation*: Metabolism of Photosynthetically <sup>14</sup>C Labeled Sugars in Developing Soybean Seeds  
*Field of Specialization*: Botany

Richard Max Lowden Columbus  
B.A., M.S.  
*Dissertation*: Revisionary and Population Studies in the American Aquatic Plant Genus *Pontederia* L.  
*Field of Specialization*: Botany

Nancy Parker MacGregor Columbus  
B.S. in Edu., M.A.  
*Dissertation*: The Use of Selected Concepts of Art Criticism in the Preparation of Pre-Service Art Teachers  
*Field of Specialization*: Art Education

- Kervyn Duane Mach Dayton  
B.S. (South Dakota State University); M.S.  
*Dissertation*: An Analytical Study of Subsonic Inviscid Flow in Diffusers and Ducts of Varying Cross Section  
*Field of Specialization*: Mechanical Engineering
- Harry James Mahan, Jr. Cleveland  
B.S. in Edu., M.A.  
*Dissertation*: Interest Groups and Their Demands upon an Urban School System  
*Field of Specialization*: Education
- Opal Hurley Mann Lexington, Ky.  
B.S., M.S. (University of Kentucky)  
*Dissertation*: Differences between Selected Individual and Family Characteristics of Homemakers and Their Reception, Value Rating and Desire for Home and Family Living Education  
*Field of Specialization*: Education
- Zilmar Ziller Marcos Piracicaba, S. P., Brazil  
Eng. Agr. (Escola Superior Agricultura de Luiz de Queiroz); M.S. (Texas Agricultural and Mechanical University)  
*Dissertation*: Morphologic and Physical Properties of Fine-Textured Oxisols, State of Sao Paulo  
*Field of Specialization*: Agronomy
- Robert Vito Marraro Dayton  
A.B. (Colby College); B.S. (Columbia University); M.S. (Arizona State University)  
*Dissertation*: Characterization of Selected Microorganisms Recovered from the Human Genitourinary Tract  
*Field of Specialization*: Microbiology
- Donald Emmett McHugh Dayton  
B.S. (Marquette University); M.A. (Michigan State University)  
*Dissertation*: The Effectiveness of the Use of Videotaped Interviews Centered on Superior/Subordinate Relationships in a Management Development Program  
*Field of Specialization*: Education
- Leatham Mehaffey, III Brooklyn, N. Y.  
A.B. (Columbia University); M.S. (Fordham University)  
*Dissertation*: The Spectral Sensitivity of the Turtle *Pseudemys scripta elegans*  
*Field of Specialization*: Biophysics
- Don Wilson Miller Columbus  
B.S., M.S. (Miami University); M.S.  
*Dissertation*: Ferroelectric Field Effect Radiation Detector Studies Utilizing Oxygen Depleted Lead Zirconate Titanate Surface Layers  
*Field of Specialization*: Nuclear Engineering
- James Marion Miller Hebron  
B.M.E., M.B.A.  
*Dissertation*: Visual and Control Behavior Changes of Primary Students during ILS Approaches  
*Field of Specialization*: Industrial Engineering
- Roy William Miller North Olmsted  
B.M. in M.E. (Northeastern University); M.S.M.E. (Case Western Reserve University)  
*Dissertation*: Analysis of Unsteady Laminar Boundary Layer Flow by an Integral Method  
*Field of Specialization*: Mechanical Engineering
- Peter James Morgan Victoria, Australia  
B.Sc., M.Sc. (University of Melbourne)  
*Dissertation*: An Investigation into Some Problems Associated with Lunar Orbiter Photography  
*Field of Specialization*: Geodetic Science
- Stephen Francis Morin Amherst, Mass.  
B.A. (University of Massachusetts); M.A.  
*Dissertation*: Massed and Distributed Work Sessions in the Generation of Original Responses  
*Field of Specialization*: Psychology
- Arthur Henry Morth Pittsburgh, Pa.  
B.Ch.E. (Cornell University); M.S.  
*Dissertation*: Acid Mine Drainage: A Mathematical Model  
*Field of Specialization*: Chemical Engineering
- John Bright Mulvana Bakersfield, Calif.  
B.S., M.Ed. (University of California at Davis)  
*Dissertation*: Advisory Committees for Agricultural Education in the Public Secondary Schools of Ohio  
*Field of Specialization*: Agricultural Education
- William Anthony Muraco Dayton  
B.S. in Edu., M.A.  
*Dissertation*: Transport Accessibility as a Contemporary Factor of Industrial Location: A Comparative Analysis of the Indianapolis and Columbus Standard Metropolitan Statistical Areas  
*Field of Specialization*: Geography
- William Henry Nibbelink Pella, Ia.  
A.B. (Calvin College); M.S. (University of Iowa)  
*Dissertation*: The Use of an Anecdotal Style of Content Presentation as a Motivational and Instructional Device for Seventh Grade Under-Achievers in Mathematics  
*Field of Specialization*: Education
- Byron Henry Nolte Columbus  
B.S. Agr. Eng., M.S. (University of Missouri)  
*Dissertation*: Streamflow Regulation with Pumped Storage Reservoirs in Northwest Ohio  
*Field of Specialization*: Agricultural Engineering
- Margot Schenet Nyitray Houston, Tex.  
B.A. (Northern Illinois University); M.A.  
*Dissertation*: Political Parties in West Germany: The Effect of Political System and Party Variables on Party Organization  
*Field of Specialization*: Political Science
- Ammemba Lakshmana Pai Columbus  
B.E. (University of Mysore); M.E. (Indian Institute of Science)  
*Dissertation*: Stability and Control of Legged Locomotion Systems  
*Field of Specialization*: Electrical Engineering
- Samuel Howard Parry Chattanooga, Tenn.  
B. of I.E. (Georgia Institute of Technology); M.S. (Northwestern University)  
*Dissertation*: Analysis of a Complex Dynamic System as Viewed by an Involved Decision-Maker in a Land Combat Environment  
*Field of Specialization*: Industrial Engineering

William Thurman Partin, Jr. Scotland Neck, N. C.  
A.B. (Guilford College); M.A.  
*Dissertation*: English Foreign Policy and the  
Parliamentary Opposition, 1674-1678  
*Field of Specialization*: History

George Raleigh Pegram Crestline  
B.S. in Edu.; M.S.Ed. (University of Akron)  
*Dissertation*: An Investigation of the Semantic Space  
and Relationships among the Related Educational  
Variables of Ability, Achievement, Attitude and Meaning  
with Sophomore Nursing Students  
*Field of Specialization*: Education

Michael Alan Pereira Shrub Oak, N. Y.  
B.S.  
*Dissertation*: Studies on the Mechanism of Action of  
Dicumarol: Effects on Glycoprotein and Prothrombin  
Biosynthesis  
*Field of Specialization*: Pharmacology

Emilio Perez Tampa, Fla.  
B.A., M.A. (University of South Florida)  
*Dissertation*: The Effects of Selected Frequency Distortion  
upon the Perception of Speech by Hard-of-Hearing and  
Normal-Hearing Listeners  
*Field of Specialization*: Speech

John Phillips, Jr. Kerhonkson, N. Y.  
B.S. in Edu.; M.A. (State University College, New Paltz,  
New York)  
*Dissertation*: A Study of the Relationship of Fertility  
Values of College Students to Selected Socio-Economic  
Characteristics, Attitudes and Other Related Variables  
*Field of Specialization*: Physical Education

Gene Edward Pollock Columbus  
B.S. in Agr., M.S.  
*Dissertation*: An Analysis of the Price and Production  
Effects of the 1963 - 1968 International Coffee Agreement  
*Field of Specialization*: Economics

Marjorie Gray Prentice Sacramento, Calif.  
A.B. (Washington University); M.A. (Sacramento State  
College)  
*Dissertation*: Theory-Based Paradigms for the Generation  
of Curricular Designs  
*Field of Specialization*: Education

Esther Joan Pressel Loysburg, Pa.  
B.S. (Pennsylvania State University); M.A.  
*Dissertation*: Umbanda in São Paulo: Religious  
Innovation in a Developing Society  
*Field of Specialization*: Anthropology

Harvey Resnick Brooklyn, N. Y.  
B.A. (Brooklyn College)  
*Dissertation*: The Relationship of Client Cognitive Style  
to Counselor Verbal Style in a Counseling Analogue  
*Field of Specialization*: Psychology

Bertha Orphe Richard Columbus  
B.S. (Southern University); M.S. (University of  
Wisconsin)  
*Dissertation*: A Comparative Study of the Digestive  
Systems of *Cambarincola philadelphia* (Leidy, 1859) and  
*Xironodrius formosus* (Ellis, 1819) (Annelida,  
Oligochaeta, Branchiobdellidae)  
*Field of Specialization*: Zoology

James Gordon Ricketts Pemberville  
B.S.Ed. (Ohio Northern University); M.Ed. (Bowling  
Green State University)  
*Dissertation*: An Analysis of Foundation Courses in  
College and University Basic Physical Education Programs  
*Field of Specialization*: Physical Education

Elizabeth Beach Robinson Canton  
B.A., M.A.  
*Dissertation*: Women on Parole: Reintegration of the  
Female Offender  
*Field of Specialization*: Sociology

Evalyne Carter Robinson Yellow Springs  
B.S. (Hampton Institute); A.M. (George Washington  
University)  
*Dissertation*: The Role of the Negro in William Faulkner's  
Public and Private Worlds  
*Field of Specialization*: Education

Patricia Watkins Romero Delaware  
B.S.Ed. (Central State College); M.A. (Miami  
University)  
*Dissertation*: Carter G. Woodson: A Biography  
*Field of Specialization*: History

Michael Collins Rominger Indianapolis, Ind.  
B.S.Ch.E. (Purdue University); M.S.  
*Dissertation*: Contact Resistance to Heat Transfer  
*Field of Specialization*: Chemical Engineering

Robert Ingersoll Rose Hudson  
B.S., M.S.  
*Dissertation*: Laboratory Rearing of the Southern Corn  
Rootworm on a Meridic Diet and Preliminary Evaluation  
of the Fungus, *Beauveria bassiana*, as a Biological Control  
Agent  
*Field of Specialization*: Entomology

Richard Joseph St. André Grand Rapids, Mich.  
B.S. (Michigan State University); M.S.  
*Dissertation*: Topics in Semi-Uniform Spaces  
*Field of Specialization*: Mathematics

Harold Leo Schoen Dayton  
B.S.Ed., M.S. (University of Dayton); M.S. in Ed.  
(Indiana University)  
*Dissertation*: A Comparison of Four Types of Feedback  
to Student Responses in a Cai Unit Designed to Teach the  
Concept of Function to Pre-Calculus College Students  
*Field of Specialization*: Education

Mary Lucille Schreiber Columbus  
B.A. (San Francisco State College); M.S. (University of  
Oregon)  
*Dissertation*: Anaerobic Capacity as a Function of  
Somatotype and Participation in Varsity Athletics  
*Field of Specialization*: Physical Education

Allen John Schuh Norfolk, Va.  
A.B. (San Diego State College); M.A. (University of  
California at Berkeley)  
*Dissertation*: Effects of Employment Interviewing  
Training on Perceptions of a Job Applicant  
*Field of Specialization*: Psychology

- Leonard Martin Schwab North Olmsted  
B.S.E.E., M.S. (Ohio University)  
*Dissertation*: VHF Communications Repeaters Using Crossed Dipole Antennas  
*Field of Specialization*: Electrical Engineering
- James Ellis Sehnert Benton, Ark.  
B.S. (University of Arkansas); M.S. (Tulane University)  
*Dissertation*: Minkowski's Conjecture in Three Dimensions over the Fields  $Q(i)$  and  $Q(e^{-\pi/3})$   
*Field of Specialization*: Mathematics
- John Albert Shaud Cleveland Heights  
B.S. (United States Military Academy); M.S. in P.A. (George Washington University)  
*Dissertation*: The Influence of Instruction on Adaptive Behavior  
*Field of Specialization*: Business Administration
- Nathaniel Sheppard Tuskegee, Ala.  
B.S. (Fort Valley State College); M.Ed. (University of Illinois)  
*Dissertation*: Educational-Vocational Decision and Indecision in College Freshmen  
*Field of Specialization*: Agricultural Education
- Jacob Silver Memphis, Tenn.  
A.B., A.M. (Rutgers University)  
*Dissertation*: France and European Integration: An Inquiry into the Elements of Political Loyalty  
*Field of Specialization*: Political Science
- Donald Richard Skudstad Superior, Wis.  
B.S. in M.E., M.S. in M.E. (University of Wisconsin)  
*Dissertation*: Selection and Classification Study of Programmers for Numerical Control Machine Tools  
*Field of Specialization*: Industrial Engineering
- Calvin Matthew Smith, Jr. Columbus  
B.S. in Edu., M.A.  
*Dissertation*: An Exploratory Study of the Effects of Compensatory Education on the Reading and Mathematics Achievement of Intermediate Grade Pupils  
*Field of Specialization*: Education
- James Leonard Smith Tuskegee, Ala.  
B.S. (Edward Waters College); M.S. (Tuskegee Institute)  
*Dissertation*: An Analysis of Perceived Interpersonal Relationships between Extension Agents, 4-H Members and Former 4-H Members in Alabama  
*Field of Specialization*: Education
- Kenneth Roger Smith Berwick, Pa.  
B.S.Ed. (Bloomsburg State Teachers College); M.S.  
*Dissertation*: Ecological Physiology Studies on the Respiration of Several Gilled and Non-Gilled Aquatic Oligochaetes  
*Field of Specialization*: Zoology
- Vernon Joshua Snelgrove St. Johns, Nfld., Canada  
B.A. (Memorial University of Newfoundland); M.Ed. (University of Alberta)  
*Dissertation*: Professional Negotiations in Ohio's Public School Districts  
*Field of Specialization*: Education
- Albert M. Southern Dayton  
B.A., M.A. (Duke University)  
*Dissertation*: Attitudes Found among Students in University Courses on Adult Education when Given Increased Opportunities for Self-Direction  
*Field of Specialization*: Education
- Larry Lee Speelman Columbus  
B.S.Ed. (Wittenberg University); M.A.  
*Dissertation*: The Effects of Residential Isolation on the Television Viewing Habits of a Group of Fifth Grade Students  
*Field of Specialization*: Education
- Stanley Wayne Sprague Hebron, Ky.  
B.S. (University of Cincinnati); M.S.  
*Dissertation*: Lifetime Measurements in Chromium-52 by the Doppler Shift Attenuation Method  
*Field of Specialization*: Physics
- William Samuel Steiner Columbus  
B.S. in Phys., M.S.  
*Dissertation*: Spectroscopy of Some Low-Lying States in  $^{69}\text{Zn}$   
*Field of Specialization*: Physics
- Charles Stanford Steinger St. Louis, Mo.  
B.A. (University of Colorado); M.A.  
*Dissertation*: Government Policy and the University of St. Petersburg, 1819-1849  
*Field of Specialization*: History
- Akram Mustafa Steitieh Amman, Jordan  
B.S. (American University of Beirut); M.S. (Utah State University)  
*Dissertation*: Input Productivity and Productivity Change of the Crop Enterprise in Southern Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Suzanne Foster Stock Columbus  
B.E. (Wisconsin State University); M.A. (Western Michigan University)  
*Dissertation*: A Comparison of an Abstract Deductive and a Concrete Inductive Approach to Teaching the Concepts of Limits, Derivatives, and Continuity in a Freshman Calculus Course  
*Field of Specialization*: Education
- Richard David Stolk Lansing, Mich.  
B.S. (Michigan State University); M.S.  
*Dissertation*: Adsorption and Catalysis at Reaction Temperature: Transient (Millisecond) Adsorption Studies of Water and t-Butanol on Alumina  
*Field of Specialization*: Chemical Engineering
- Marilyn Rita Studer Columbus  
B.A. (Siena Heights College); M.S. (John Carroll University)  
*Dissertation*: The Relationship of Discovery Methods in Mathematics to Creative Thinking and Attitudes toward Mathematics  
*Field of Specialization*: Education
- Donna Kenower Sutton Lima  
B.A. (Ohio Northern University); M.A.  
*Dissertation*: A Feasibility Study of Individualized Foreign Language Programs in the High Schools of the United States  
*Field of Specialization*: Education

Paul Webster Thomas    Charleston, W. Va.  
B.S. in Ed. (Miami University); M.Edu.  
*Dissertation*: Educational Facility Planners: A Study of  
Their Present Status and Future Role  
*Field of Specialization*: Education

Hasime Tokeshi    Piracicaba, S. P., Brazil  
Engenheiro Agronomo (Escola Superior de Agricultura,  
Luiz de Queiroz); Doutor Em Agronomia (Universidade  
de São Paulo)  
*Dissertation*: Cross-Protection in Tomato with Fusarium  
and Verticillium Wilt Pathogens  
*Field of Specialization*: Plant Pathology

John William Toth    South Bend, Ind.  
B.A. (University of Notre Dame); M.A. (Catholic  
University of America)  
*Dissertation*: The Actor-Manager Career of Sir Frank  
Robert Benson in Perspective: An Evaluation  
*Field of Specialization*: Theatre

Charles Edward Urbanic    Galveston, Tex.  
B.S., M.Ed. (Texas Agricultural and Mechanical  
University)  
*Dissertation*: Effectiveness of the Use of a Student  
Reference in Teaching Ornamental Horticulture to High  
School Students  
*Field of Specialization*: Agricultural Education

Craig Thompson Walters    Columbus  
B.S. in Phys., M.S.  
*Dissertation*: Behavior of a Magnetized Plasma in a  
Transverse Quadrupole Electric Field Oscillating Near  
Ion Cyclotron Resonance  
*Field of Specialization*: Physics

Richard Frederick Welton    Eaton, Colo.  
B.S.Agr., M.Ed. (Colorado State University)  
*Dissertation*: Relationship of Student Characteristics  
and Program Policies to Participation in FFA  
*Field of Specialization*: Agricultural Education

Francis Myron Whitaker    Delaware  
B.A. (University of Massachusetts); M.A.  
*Dissertation*: A History of the Ohio Woman's Christian  
Temperance Union, 1874-1920  
*Field of Specialization*: History

Maurice Deane White    Springfield  
B.S. (Bob Jones University); M.A. (Middlebury College)  
*Dissertation*: John Dryden's Poetry of Praise: The  
Question of Irony  
*Field of Specialization*: English

Doris Faye Keaton Williams    Bowling Green  
B.S.H.Ed., M.S. (Ohio University)  
*Dissertation*: Self-Concept of Head Start Parents and  
Participation in Project Activities  
*Field of Specialization*: Home Economics

Dwight Archibald Williams, Jr.    Clayton, Mo.  
B.A. (Memphis State University); A.M. (Washington  
University)  
*Dissertation*: Mass Media Preference Patterns:  
A Cross-Media Study  
*Field of Specialization*: Speech

Charles Robert Winthrop    Columbus  
B.A., M.A.  
*Dissertation*: A Scripta Study of the Burgundian Dialect  
of the 17th and 18th Centuries  
*Field of Specialization*: Romance Languages

Molly Cheng-Li Yieh    Taipei, Taiwan  
B.A. (Tunghai University); M.Ed. (University of  
Missouri)  
*Dissertation*: Relationships between Locus of Control and  
Some Familial and Demographic Variables in Educable  
Mental Retardates  
*Field of Specialization*: Education

Jonathan David Young    Dayton  
B.E.E., M.S.  
*Dissertation*: Target Imaging from Multiple-Frequency  
Radar Returns  
*Field of Specialization*: Electrical Engineering

Stephen Zakanycz    Dayton  
B.A. (New York University); M.S. (Newark College of  
Engineering)  
*Dissertation*: Turbulence and the Mixing of Binary Gases  
*Field of Specialization*: Chemical Engineering

**Certificate in Teaching English  
Speakers of Other Languages**

Two candidates

Robert James Griffin, Trenton, N. J.  
B.A., M.A. (Seton Hall University)

Arlene Oyidia Schrade,  
Des Plaines, Ill.  
B.A. (Beloit College);  
M.A. (Northwestern University)

**Master of Architecture**

One candidate

Herbert Dwight Bonner, Columbus  
B.S. in Arch.  
*Field of Specialization:* Architecture

**Master of Arts**

Two hundred and fifty-eight candidates

Marie McBrayer Adams, Sunbury  
B.S. (Morehead State College)  
*Field of Specialization:* Education

Michael Fred Adams, Nashville, Tenn.  
B.A. (David Lipscomb College)  
*Field of Specialization:* Speech

Donald Thomas Albanese, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Ellen Goodwin Aman, Mansfield  
B.A. (The College of Wooster)  
*Field of Specialization:* Journalism

Susan Hall Ambler, Naperville, Ill.  
B.A. (University of Oklahoma)  
*Field of Specialization:* Sociology

Marie Louise Anastasio,  
Merrick, N. Y.  
B.A. (Boston College)  
*Field of Specialization:* Speech

Edwin Vasel Anderson, Elyria  
B.A.  
*Field of Specialization:* Journalism

Lyle John Anderson, Des Moines, Ia.  
B.Mus. (Cedarville College)  
*Field of Specialization:* Music

Karen Lee Andrews, Lima  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education

William Daniel Angel, Jr., Sunbury  
B.S. in Edu.  
*Field of Specialization:* Political  
Science

William Lewis Ankerman, Alger  
B.A. (Ohio Northern University)  
*Field of Specialization:* Political  
Science

Judith Ann Antle, Athens  
A.B. (Ohio University)  
*Field of Specialization:* Education

John Daniel Avant, Columbus  
B.S.J. (Ohio University)  
*Field of Specialization:* Journalism

Karen Louise Aveni, Columbus  
B.A.  
*Field of Specialization:* Education

Mary Gordon Bachmann, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Walter Edward Bakle, Hilliard  
B.A.  
*Field of Specialization:* Political  
Science

Donald Dean Balloon, Wooster  
B.S. Ed. (Ohio University)  
*Field of Specialization:* Physical  
Education

Elizabeth Ann Barth, Dayton  
B.A. (Northwestern University)  
*Field of Specialization:* Speech

Joseph John Bascone, Lorain  
A.B. (Saint Pius X Seminary)  
*Field of Specialization:* English

Audni Miller Beach, Columbus  
B.A. (Texas Lutheran College)  
*Field of Specialization:* Speech

William Westervelt Beelman,  
Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Nancy Gene Biederman, Oshkosh, Wis.  
B.A. (Beloit College)  
*Field of Specialization:* Romance  
Languages

Gloria Bilynsky, Buffalo, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Slavic  
Languages

Sue Ann Blanshan, Green Bay, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization:* Sociology

Sara Carter Borst, Sabina  
B.S. in Edu.  
*Field of Specialization:* Education

Cherie Toll Bottum, Columbus  
B.S. (Ed.) (University of Wisconsin)  
*Field of Specialization:* English

Leonce Joseph Boudreau,  
Shediac, N.B., Canada  
B.A., B.Ed. (University of Moncton,  
Canada)  
*Field of Specialization:* Education

Martha Gerfen Bowden, Columbus  
B.S. (Ed.) (Bowling Green State  
University)  
*Field of Specialization:* Education

James David Brandt,  
St. Paul, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization:* Psychology

Nancy Lou Branstool, Utica  
B.S. in Edu. (Muskingum College)  
*Field of Specialization:* Education

Carolyn Germann Brittsan, Van Wert  
B.S. in Edu.  
*Field of Specialization:* Music

John Samuel Broad,  
Beaminster, Dorset, England  
B.A. (University of Oxford, England)  
*Field of Specialization:* English

Elmer Gordon Brooks, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Mary Hoover Brooks, Jackson  
B.S. in Edu.  
*Field of Specialization:* Education

Shirley Isenberg Brown, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Catherine Lephart Brundage,  
Columbus  
B.S. Educ. (Ohio Northern  
University)  
*Field of Specialization:* Education

John Leslie Burgdorf, Cato, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Romance  
Languages

Carolyn Marie Burkhardt, Dayton  
B.S. (Edgecliff College)  
*Field of Specialization:* Education

Charry Wheeler Burr, Columbus  
B.A. (Marietta College)  
*Field of Specialization:* Education

Anita Rodwell Burt, Durham, N.C.  
B.A. (Meredith College)  
*Field of Specialization:* Music

- Arthur Frederick Burton, Fostoria  
B.S. in Edu.  
*Field of Specialization* : Physical Education
- Sidney Burton, Jr., Akron  
A.B. (Heidelberg College)  
*Field of Specialization* : Sociology
- James Patrick Cagey, Gahanna  
B.S. in Edu.  
*Field of Specialization* : Education
- John Leonard Calhoun, Mansfield  
B.S. in Edu.  
*Field of Specialization* : Education
- Robert Bruce Campbell, Lakewood  
B.S. (Xavier University)  
*Field of Specialization* : Political Science
- Patricia Joan Canty, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education
- Sylvia Ann Cavallo, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization* : Education
- Dave Allen Chandler, Columbus  
B.S.Ed (Central State University)  
*Field of Specialization* : Education
- Jane Elizabeth Chidester, Columbus  
A.B. (Heidelberg College)  
*Field of Specialization* : Education
- Sally Joan Cloninger, Chatham, N. J.  
B.S. (Syracuse University)  
*Field of Specialization* : Theatre
- Phillip Code, Warren  
B.A.  
*Field of Specialization* : Political Science
- Mark William Cohen, North Miami Beach, Fla.  
B.A. (Tulane University)  
*Field of Specialization* : Psychology
- Phyllis Cohen, Dover  
B.S. in Edu.  
*Field of Specialization* : Education
- Carolyn Corrine Coldren, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education
- Michael Alan Cook, Cleveland  
A.B. (Case Western Reserve University)  
*Field of Specialization* : Sociology
- Yvonne Gilmore Cornelius, Columbus  
B.S. in Edu. (Cheyney State College)  
*Field of Specialization* : Education
- Rose Lynn Daniels, Parsippany, N. J.  
B.A. (Paterson State College)  
*Field of Specialization* : Physical Education (Health Education)
- Clark Eugene Davis, Canal Winchester  
B.S.Ed. (Ohio University)  
*Field of Specialization* : Education
- Jill Feldman Dembsky, Westbury, N. Y.  
B.S. in Edu.  
*Field of Specialization* : Education
- Robert Lester Dendinger, Marion  
B.S. in Edu.  
*Field of Specialization* : Education
- Donald Eugene DeVoe, Sabina  
B.S. in Edu.  
*Field of Specialization* : Education
- Joseph Clarus Dickman, Jr., Edwardsville, Ill.  
B.A. (Quincy College)  
*Field of Specialization* : History
- Phyllis Lea Didlick, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education
- Pamela Sue Diehl, Dayton  
B.S. (University of Dayton)  
*Field of Specialization* : Physical Education
- Claudette Roberts Doeren, Cincinnati  
B.A. (Marshall University)  
*Field of Specialization* : Romance Languages
- Lee Edward Donald, Philadelphia, Miss.  
B.S. (Wilberforce University)  
*Field of Specialization* : Education
- Carolyn Dill Donoghue, Cleveland  
B.A. (University of Texas)  
*Field of Specialization* : Psychology
- Harold Aaron Dorsey, Mansfield  
A.B. (Ohio University)  
*Field of Specialization* : Sociology
- Ronald Frank Doyle, Vienna, W. Va.  
B.A.  
*Field of Specialization* : Geography
- Janet Ward Druen, Havertown, Pa.  
A.B. (Randolph-Macon Woman's College)  
*Field of Specialization* : Dance
- James Edward Drummond, Chillicothe  
A.B. (Asbury College)  
*Field of Specialization* : History
- Anna Leila Duley, Columbus  
B.S. (College of Steubenville)  
*Field of Specialization* : Education
- Margaret Ann Dunklebarger, Centre Hall, Pa.  
B.S. (Bloomsburg State College)  
*Field of Specialization* : Education
- David Gayle Duty, Portsmouth  
B.S.Ed. (Ohio University)  
*Field of Specialization* : Education
- Alberta Edwards, Columbus  
A.B. (Benedict College)  
*Field of Specialization* : Education
- Richard John Emerine, II, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization* : Economics
- Ruth Reed Epp, Columbus  
B.F.A.  
*Field of Specialization* : Education
- Mary Evans Evans, Johnstown  
B.S. in El. Ed (Rio Grande College)  
*Field of Specialization* : Education
- Mary Jane Kate Evans, Toronto, Canada  
B.A. (General) (University of Toronto)  
*Field of Specialization* : Dance
- Catherine Morter Feike, Washington Court House  
B.S. in Edu.  
*Field of Specialization* : Education
- Steven Guy Ferguson, Chattanooga, Tenn.  
A.B. (University of Chattanooga)  
*Field of Specialization* : Psychology
- Robert Milton Fessenden, Brookline, N. H.  
B.A. (University of New Hampshire)  
*Field of Specialization* : History
- Linda Jean Flowers, Faison, N. C.  
B.A. (University of North Carolina at Greensboro)  
*Field of Specialization* : English
- Sister Joan Marie Franks, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization* : Philosophy
- Karen Elliott French, Washington Court House  
B.A., B.S. in Edu.  
*Field of Specialization* : Education
- Sharon Golke Fullerton, Columbus  
B.S. in Edu.  
*Field of Specialization* : Slavic Languages
- Nathaniel Norward Fullwood, Raleigh, N. C.  
B.A. (Shaw University)  
*Field of Specialization* : Speech
- Judith Ann Furman, Columbus  
B.S. in Edu.  
*Field of Specialization* : Education
- Gerald Masters Gee, Delaware  
A.B. (West Liberty State College)  
*Field of Specialization* : Journalism

- Barbara James Giannaros, Campbell  
B.S. in Edu. (Youngstown State  
University)  
*Field of Specialization: Education*
- Yvonne Kay Giauque, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Andrew John Gibbons, Bellrose, N. Y.  
B.A. (Manhattan College)  
*Field of Specialization: History*
- Michael James Gibbons,  
Jamesburg, N. J.  
B.A. (Seton Hall University)  
*Field of Specialization: Romance  
Languages*
- Steven Philip Gietschier,  
Hicksville, N. Y.  
B.S.F.S. (Georgetown University)  
*Field of Specialization: History*
- Cynthia Rayvis Godofsky, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Magda Gray, Mansfield  
B.S. in Edu.  
*Field of Specialization: Education*
- George Michael Greider, Columbus  
B.A.  
*Field of Specialization: Psychology*
- Marilyn Stauf Griesemer, Columbus  
B.S. in H.E.  
*Field of Specialization: Psychology*
- Sister Catherine Griffin,  
Manitowoc, Wis.  
B.A. (Saint Norbert College); M.A.  
(Catholic University of America)  
*Field of Specialization: Journalism*
- Vickie Fogt Groenke, Marion  
B.A. (Capital University)  
*Field of Specialization: Education*
- Richard Nevin Grogg, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Edward Graig Grote, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization: Education*
- Anita Ceponis Hamm, Columbus  
B.S. in Edu. (Saint John College)  
*Field of Specialization: Education*
- Phenton Thomas Harker, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization: Education*
- Charles Herbert Harrington,  
Westerville  
B.S.  
*Field of Specialization: Psychology*
- Tracy Kay Harris, Galveston, Tex.  
B.A. (Bennington College); M.A.  
(Columbia University)  
*Field of Specialization: Linguistics*
- Joan Carter Hawkins, Columbus  
B.A. (Virginia Union University)  
*Field of Specialization: Education*
- Evelyn Shevy Healey,  
Los Angeles, Calif.  
B.A. (California State College at  
Los Angeles)  
*Field of Specialization: Psychology*
- Timothy Peelle Hiatt, Columbus  
A.B. (Oberlin College)  
*Field of Specialization: East Asian  
Languages*
- Patricia Ann Holden, Northfield  
B.A. (Rosary Hill College)  
*Field of Specialization: Sociology*
- Diane Huey, Bay Village  
B.S.  
*Field of Specialization: Psychology*
- Adrian Ihor Huk, Cleveland  
A.B. (Case Western Reserve  
University)  
*Field of Specialization: Psychology*
- Hassan Ibrahim Hussein,  
Riyadh, Saudi Arabia  
B.A. (American University of Beirut)  
*Field of Specialization: Journalism*
- Robert Dale Ickes, Huntington, Ind.  
B.A. (Indiana University)  
*Field of Specialization: Psychology*
- Barbara Reese Jacobsen,  
Reynoldsburg  
B.A. (Hastings College)  
*Field of Specialization: Education*
- Donald Richard Jansen, Columbus  
B.S.  
*Field of Specialization: Psychology*
- John Ralston Johanssen, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Janelle Rae Johnson, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Brenda Allen Kallner, Lucasville  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*
- Roger Vernon Kepford, Marion  
B.S. (Iowa State University)  
*Field of Specialization: Agricultural  
Education*
- Karen Lee Keserich, Cleveland  
B.A. (Oberlin College)  
*Field of Specialization: Romance  
Languages*
- Karen Sue Kinnin, Miami, Fla.  
B.S. (University of Florida)  
*Field of Specialization: Education*
- Peter Merrill Klein, Columbus  
B.S. Bus. Adm. (Franklin University)  
*Field of Specialization: Public  
Administration*
- Ruth Stout Kniceley, Delaware  
B.A.Ed. (Fairmont State College)  
*Field of Specialization: Education*
- Yasuhide Kobayashi, Hirosaki, Japan  
B.A. (University of Wisconsin);  
B.Ed. (Hirosaki University)  
*Field of Specialization: Linguistics*
- Anna Ewa Koerner, Columbus  
*Field of Specialization: Slavic  
Languages*
- Constance Anderson Koerner,  
Port Clinton  
B.A.  
*Field of Specialization: Anthropology*
- Theodore Howard Kolva, Lancaster  
D.D.S.  
*Field of Specialization: Physical  
Education*
- Ronald Alan Kotkin, Anaheim, Calif.  
B.A. (California State College,  
Fullerton)  
*Field of Specialization: Education*
- Sally Jane Krauss, Columbus  
B.S. in Edu.  
*Field of Specialization: Psychology*
- Francesca Allen Lambrecht, Columbus  
A.B. (College of New Rochelle)  
*Field of Specialization: Education*
- Donald Burke Lawson, Jr.,  
Altadena, Calif.  
B.A. (University of California,  
Santa Barbara)  
*Field of Specialization: Education*
- Alan Lyon Leach, Chagrin Falls  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Speech*
- Stephen McClellan Leach,  
Reynoldsburg  
B.A. in Jour.  
*Field of Specialization: Journalism*

Barbara Knauss Lechner, Granville  
B.A. (Marietta College)  
*Field of Specialization:* Speech

Andrew Clare LeCompte,  
Plainfield, N. J.  
A.B. (Princeton University)  
*Field of Specialization:* Speech

Linda Marlene Levine, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Andrea Lewin, Columbus  
B.A.  
*Field of Specialization:* Education

Peter Lloyd, Manchester, England  
B.S. Econ. (University of Hull,  
England)  
*Field of Specialization:* History

Elaine Reinhardt Longjohn,  
Westerville  
B.M. (Western Michigan University)  
*Field of Specialization:* Education

Rafaela Joaquin Lowden,  
Español, Dominican Republic  
*Field of Specialization:* Education

Mary Guernsey MacVicar, Columbus  
B.S. (Nurs.) (University of  
Colorado); M.S.  
*Field of Specialization:* Sociology

Edward Daniel Manley, Toledo  
B.A. (University of Toledo)  
*Field of Specialization:* Journalism

Dellita Lillian Martin,  
New Orleans, La.  
B.A. (Louisiana State University)  
*Field of Specialization:* Romance  
Languages

Ann Elizabeth Maurer,  
New Philadelphia  
B.S. in Edu.  
*Field of Specialization:* Education

Timothy Ivan Maurer, Fostoria  
B.A.  
*Field of Specialization:* Dance

Ruth Moody McDonald, Lexington  
B.S. in Ed. (Otterbein College)  
*Field of Specialization:* Education

Eleanor Grace McKee, Frazeyburg  
B.S.Ed. (Muskingum College)  
*Field of Specialization:* Education

Rhoda Elizabeth McShane,  
Portsmouth  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education

Robert Kenneth Mellquist, Columbus  
B.S. (Alderson-Broadus College)  
*Field of Specialization:* Education

Norman Bruce Mendelson, Columbus  
B.A.  
*Field of Specialization:* Education

Patricia Donegan Miller, Columbus  
A.B. (College of Notre Dame)  
*Field of Specialization:* Linguistics

Roger Don Miller, Sr., Bryan  
B.S. in Bus. Adm.  
*Field of Specialization:* Political  
Science

Pamela Jean Mills, Jackson  
B.S. in Edu.  
*Field of Specialization:* Education

Robert Joseph Mizer, Bakersville  
B.S. in Edu.  
*Field of Specialization:* Education

Keith David Monda, Canton  
B.S. in Bus. Adm.  
*Field of Specialization:* Economics

Peter Booth Mosenthal, Chagrin Falls  
B.A. (College of Wooster)  
*Field of Specialization:* Linguistics

Carol Smith Mummert, Columbus  
B.A. (Miami University)  
*Field of Specialization:* Education

Judith Dailey Murray, Wintersville  
B.S. in Edu.  
*Field of Specialization:* Education

Souhail Nassib Nemer, Akron  
B.A. (Hartwick College)  
*Field of Specialization:* Education

Timothy Robert O'Brien, Thornville  
B.S. in Edu.  
*Field of Specialization:* Journalism

Nelson Jose Abreu Do O'de Almeida,  
Rio de Janeiro, Brazil  
*Field of Specialization:* Psychology

Gerald Olivero, Hollywood Calif.  
B.A. (University of California)  
*Field of Specialization:* Psychology

Kathryn May Olsen, Racine, Wis.  
B.A. (Dominican College)  
*Field of Specialization:* History of Art

June Ellen Pachuta, Lorain  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Slavic  
Languages

Craig Newell Packard, Oberlin  
A.B. (Oberlin College)  
*Field of Specialization:* Slavic  
Languages

Helen May Pappas, North Ridgeville  
B.S. in Edu.  
*Field of Specialization:* Education

Zorianna Motria Paschyn, Lorain  
B.A.  
*Field of Specialization:* Slavic  
Languages

Mary Carolyn Pearl, Martins Ferry  
A.B. (College of Mount Saint Joseph  
on the Ohio)  
*Field of Specialization:* Education

Michele Beavers Pecora, Grove City  
B.A. (State University of New York  
at Binghamton)  
*Field of Specialization:* Dance

Agustin Aguirre Perez,  
Guayaquil, Ecuador  
M.Adm. (Business and Administration  
School for Graduates); M.B.A.  
*Field of Specialization:* Journalism

Victor Ralph Petrosino, Columbus  
B.S. (Towson State College)  
*Field of Specialization:* History

Samuel Thigpen Phillips,  
Fairfield, Ala.  
B.S. (Auburn University)  
*Field of Specialization:* Education

Charles Nicholas Pinneo, Columbus  
B.S. in Edu.  
*Field of Specialization:* Music

Dan Lawrence Predmore, Columbus  
B.A.  
*Field of Specialization:* Slavic  
Languages

Mohammed Abdul Qavi, Columbus  
B.S., LL.B. (Osmania University)  
*Field of Specialization:* Political  
Science

Paul Rappoport, Fairport, N. Y.  
A.B. (Oberlin College)  
*Field of Specialization:* Economics

Prasong Rayanasuka,  
Bangkok, Thailand  
B.Ed., M.Ed. (College of Education,  
Thailand)  
*Field of Specialization:* Education

John Edward Readence, Brooklyn  
B.A. (Cleveland State University)  
*Field of Specialization:* Education

Charles Robbert Reed, Oglesby, Ill.  
B.A. (Cedarville College)  
*Field of Specialization:* Speech

Mary Ann Reinhard, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Larry John Reynolds, Columbus  
B.S. (University of Cincinnati)  
*Field of Specialization:* English

Timothy LaVerne Rink, Columbus  
B.A. (Capital University)  
*Field of Specialization*: Speech

Brenda Silverman Ripper,  
Washington, Pa.  
B.A.  
*Field of Specialization*: Sociology

Winford Harold Risner, Minford  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Education

Richard Robinson, Jr., Monroe, La.  
B.S. (Southern University, Louisiana)  
*Field of Specialization*: Education

Andrea Jane Rogers, Steubenville  
B.S. in Edu.  
*Field of Specialization*: Education

James Robert Rosenberger,  
Maple Heights  
B.A. (Bluffton College)  
*Field of Specialization*: Education

Mary Isobel Rosner, Saugerties, N. Y.  
B.A. (State University College, New  
Paltz, New York)  
*Field of Specialization*: English

Susan Jane Ross,  
West Des Moines, Ia.  
B.A. (University of Nebraska)  
*Field of Specialization*: Journalism

Warren Joseph Ryan, Cincinnati  
B.B.A. (University of Cincinnati)  
*Field of Specialization*: Economics

Jose A. Salazar, Seville, Spain  
*Field of Specialization*: Romance  
Languages

Susan Engelhardt Schaffer, Columbus  
B.A. (Muskingum College)  
*Field of Specialization*: Education

Catherine Ball Scheib, Columbus  
B.S. in Soc. Wel.  
*Field of Specialization*: Sociology

Richard Charles Schiming, Parma  
B.A. (Valparaiso University)  
*Field of Specialization*: Economics

Helena Frenkil Schlam, Columbus  
B.A. (University of Texas)  
*Field of Specialization*: History

Stephen Robert Schmidt,  
Louisville, Ky.  
B.A. (Saint Louis University)  
*Field of Specialization*: German

Kathie Heiman Schmoll, Greeley, Colo.  
B.A. (Temple Buell College)  
*Field of Specialization*: Slavic  
Languages

Arnold Philip Scribner,  
Providence, R. I.  
B.A.  
*Field of Specialization*: History

Margaret Marie Shaffer, Van Wert  
B.S. in Edu.  
*Field of Specialization*: Education

Theodore Paul Shannon, East Sparta  
B.A. (Malone College)  
*Field of Specialization*: Agricultural  
Education

Sidney Wesley Sheets, Delaware  
B.S. in Edu.  
*Field of Specialization*: Education

Floyd Russ Sheetz, Jr.,  
Kailua, Hawaii  
B.A. (University of Hawaii)  
*Field of Specialization*: English

Joseph Edward Shininger, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Francine Belle Shuchat, Piqua  
B.S. in Edu.  
*Field of Specialization*: Education

Clare M. Silva, Miamisburg  
B.A. (Kent State University)  
*Field of Specialization*: Linguistics

Arnold Edmond Skidmore, Jr.,  
Worthington  
B.S. in Edu.  
*Field of Specialization*: Education

Robert Bruce Slaney, Pittsburgh, Pa.  
B.A. (College of Wooster)  
*Field of Specialization*: Psychology

Jack Ely Smith, Centerville, Utah  
B.S. (University of Utah)  
*Field of Specialization*: Psychology

Ralph Garrett Smith, Columbus  
B.A. (Lincoln Bible Institute,  
Illinois); B.S. in Edu.  
*Field of Specialization*: Education

Thomas Russell Snyder, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Shirley Eilenberg Speert, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Esther Melamed Spott, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Dorothy Munson Steele, Columbus  
B.A. (Hiram College)  
*Field of Specialization*: Education

Rainer Erich Steinhoff, Columbus  
B.A.  
*Field of Specialization*: German

Brian Sternthal,  
Montreal, Quebec, Canada  
B.S. (McGill University)  
*Field of Specialization*: Business  
Administration

Nedra Rae Stimpfle, Upper Sandusky  
B.S. in Edu.  
*Field of Specialization*: Education

Dona Griffith Stinziano, Columbus  
B.A.  
*Field of Specialization*: Political  
Science

Fredric Henry Strickland, Warren  
B.A.  
*Field of Specialization*: English

Joan Rae Sulzer, Shaker Heights  
B.S. (University of Cincinnati)  
*Field of Specialization*: Education

Philip Alan Swartzbaugh, Springfield  
B.S. in Ed. (Capital University)  
*Field of Specialization*: Education

Gary LeRoy Sweitzer, Hubbard  
B.S. in Edu.  
*Field of Specialization*: Education

Richard Lowell Taylor, Akron  
B.S. in Dairy Tech.  
*Field of Specialization*: Journalism

Braxton Eggleton Tewart,  
Worthington  
B.S. in Edu.  
*Field of Specialization*: Education

Caryl Larsen Thompson, Ames, Iowa  
B.M. (Saint Olaf College)  
*Field of Specialization*: Music

Gretchen Ress Tobin, Columbus  
B.A.  
*Field of Specialization*: Theatre

Stoyan Nenkov Topalof,  
Kents Hill, Me.  
*Field of Specialization*: Education

Michael Allan Toth, Cleveland  
B.S. in Edu.  
*Field of Specialization*: Education

Stephen Lee Trumbo, Columbus  
B.A.  
*Field of Specialization*: Romance  
Languages

Hugo Ronaszeki Trux, IV, Cleveland  
B.A.  
*Field of Specialization*: Political  
Science

Erik David Turner, Columbus  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization*: Political  
Science

Suzanne Tyler, Berkley, Mich.  
B.S. (Eastern Michigan University)  
*Field of Specialization*: Education

Louise VanVliet, Columbus  
B.S.  
*Field of Specialization*: Speech

Sherry Stienecker Vastbinder,  
Fairborn  
B.S.  
*Field of Specialization*: Education

James Mehollin Vaughan, Columbus  
B.A.  
*Field of Specialization*: Education

Lois Haignere Venham, Columbus  
B.A.  
*Field of Specialization*: Sociology

David Moulton Walton, Lakewood  
A.B. (Stanford University)  
*Field of Specialization*: Psychology

Walter Ward, Jr., Williamsport, Ky.  
A.B. (Berea College)  
*Field of Specialization*: Education

Carol Anne Watson,  
Fort Thomas, Ky.  
A.B. (Eastern Kentucky State  
College)

Linda Sue Webb, Chillicothe  
A.B. (Ohio University)  
*Field of Specialization*: History

Patricia Ann Wegner,  
Royal Oak, Mich.  
B.A. (Valparaiso University)  
*Field of Specialization*: History

Sharon Lee Welch, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Claire Jean Wells, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Dale Allen Wenke,  
New Hartford, N. Y.  
B.A. (State University of New York  
at Buffalo)

*Field of Specialization*: Psychology

David Carroll Wheeler,  
Bloomington, Ind.  
A.B. (Indiana University)  
*Field of Specialization*: Political  
Science

Robert Wilbert Whisman, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Pigeon Maureen Wingert,  
Calgary, Canada  
B.S.Phys.Ed. (Washington State  
University)  
*Field of Specialization*: Physical  
Education

Hubert Wirtz, Columbus  
B.A. (Purdue University)  
*Field of Specialization*: Political  
Science

Mark Edward Wise, Columbus  
B.A.  
*Field of Specialization*: Romance  
Languages (Spanish)

Hin Wai Wong, Singapore  
B.S. (University of Singapore)  
*Field of Specialization*: Sociology

John Marcus Wood, Columbus  
B.A.  
*Field of Specialization*: Education

Steffanie Ann Woodruff, Worthington  
B.S. in Edu.  
*Field of Specialization*: Education

Marianne Woodside, Dayton  
B.A. (Southern Methodist  
University)  
*Field of Specialization*: Education

Barbara Jean Yanico, Cambridge  
A.B. (Ohio Dominican College)  
*Field of Specialization*: Psychology

Ting-Kuo Yin, Taipei, Taiwan  
B.A. (National Taiwan Normal  
University); M.A. (Fu Jen Catholic  
University)  
*Field of Specialization*: East Asian  
Languages

Stanley Howard Zankel,  
Brooklyn, N. Y.  
B.A. (Brooklyn College)  
*Field of Specialization*: History

William George Zantiny, III,  
Long Beach, Calif.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Slavic  
Languages

Rosene Maxwell Zaros, Columbus  
B.S. in Edu.  
*Field of Specialization*: Art

#### **Master of Business Administration**

Thirty-four candidates

William Lee Bach, Union  
B.S. in Bus. (Miami University)  
*Field of Specialization*: Business  
Administration

Frank Coleman Boso, Jr.,  
Moundsville, W. Va.  
B.S.Ec. (West Virginia University)  
*Field of Specialization*: Business  
Administration

John Walter Chadwick, Columbus  
B.A.A.E.  
*Field of Specialization*: Business  
Administration

John Kennedy Chance, Urbana  
B.A. (Baldwin-Wallace College);  
B.S. (Carnegie-Mellon Institute of  
Technology)  
*Field of Specialization*: Business  
Administration

Mannie Michael Charnas, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization*: Business  
Administration

Robert Frank Dwors, Cleveland  
B.S. in B.A. (Bowling Green State  
University)  
*Field of Specialization*: Business  
Administration

Herbert William Fisher, Tulsa, Okla.  
B.S. (United States Military  
Academy)  
*Field of Specialization*: Business  
Administration

Marino David Floreani, Chicago, Ill.  
A.B. (University of Illinois)  
*Field of Specialization*: Business  
Administration

Raymond Friedman, Cleveland  
B.S. in Bus. Adm.  
*Field of Specialization*: Business  
Administration

John Walter Groff, Troy  
B.S.M.E. (Purdue University)  
*Field of Specialization*: Business  
Administration

Douglas Richard Hanks, Columbus  
B.S. in Bus. (Miami University)  
*Field of Specialization*: Business  
Administration

Richard Merrel Hayes, Middletown  
B.S. in Bus. Adm.  
*Field of Specialization*: Business  
Administration

George Chambers Hozier, Jr.,  
Cincinnati  
B.S. (United States Military  
Academy)  
*Field of Specialization*: Business  
Administration

Alan Scott Jones, Columbus  
B.S. (Ohio University)  
*Field of Specialization*: Business  
Administration

Michael Joseph Joyce, Youngstown  
B.A. in A. & S. (Kent State  
University)  
*Field of Specialization*: Business  
Administration

David Joseph Kaiser, Xenia  
B.E.E. (University of Detroit);  
M.S.E. (University of Michigan)  
*Field of Specialization:* Business  
Administration

Herbert William Kierspel, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Karel Franklyn Kotasek, Jr.,  
Cleveland  
B.M.E. (Cleveland State University)  
*Field of Specialization:* Business  
Administration

Richard Dale Lighthiser, Columbus  
B.M.E.  
*Field of Specialization:* Business  
Administration

Stephen Arthur Mitchell, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

John Nepomuk Nadherny, Ravenna  
B.S. (University of California,  
Berkeley)  
*Field of Specialization:* Business  
Administration

Stephen Joseph Nolan, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Robert Frederick Parmley, Dayton  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

James Brian Quigley, Springfield, Va.  
B.S.E.E. (Virginia Polytechnic  
Institute)  
*Field of Specialization:* Business  
Administration

Ronald Alexander Sampson,  
Lavale, Md.  
B.S. (Purdue University)  
*Field of Specialization:* Business  
Administration

Robert Henry Schreiber, Columbus  
B.B.A. (University of Cincinnati)  
*Field of Specialization:* Business  
Administration

Richard Leroy Sheely, Chillicothe  
B.S.  
*Field of Specialization:* Business  
Administration

Mark David Shooman,  
Asbury Park, N. J.  
B.S.E.E. (Rensselaer Polytechnic  
Institute)  
*Field of Specialization:* Business  
Administration

Roy Dalton Stern, Dodge, N. D.  
B.S.M.E. (North Dakota State  
University); M.S.M.E. (University  
of Colorado)  
*Field of Specialization:* Business  
Administration

Robert Tattersall, Clitheroe, England  
B.A. (Cambridge University)  
*Field of Specialization:* Business  
Administration

Roger Llewellyn Walton, Gambier  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Stuart Mark Weisberg, Cleveland  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

John Ralph Williamson,  
Greenwood, Del.  
B.A., B.Ch.E. (University of  
Delaware)  
*Field of Specialization:* Business  
Administration

Edward Andrew Zabrycki, Xenia  
B.S. (United States Naval Academy)  
*Field of Specialization:* Business  
Administration

#### **Master of City Planning**

Seventeen candidates

James Richard Arrowsmith,  
Westerville  
B.A.  
*Field of Specialization:* City and  
Regional Planning

James Walton Blackburn, Columbus  
A.B. (Earlham College)  
*Field of Specialization:* City and  
Regional Planning

Philip Schram Brown, Dayton  
B.A. (George Washington University)  
*Field of Specialization:* City and  
Regional Planning

John William Connery, Revere, Mass.  
A.B. (Boston University)  
*Field of Specialization:* City and  
Regional Planning

Terrence Geoghegan, Hingham, Mass.  
A.B. (Boston College)  
*Field of Specialization:* City and  
Regional Planning

William Dennis Grady, Westlake  
B.S.  
*Field of Specialization:* City and  
Regional Planning

Curtis O'dell Law, Columbus  
B.S. in B.A. (Franklin University)  
*Field of Specialization:* City and  
Regional Planning

Stuart Meck, South Euclid  
B.A. in Jour., M.A.  
*Field of Specialization:* City and  
Regional Planning

Donald George Reinke,  
Broadview Heights  
B.A. (Cleveland State University)  
*Field of Specialization:* City and  
Regional Planning

Kelvin Martin Romero,  
San Juan, Trinidad  
*Field of Specialization:* City and  
Regional Planning

John Thomas Spillman, Cleveland  
A.B. (John Carroll University)  
*Field of Specialization:* City and  
Regional Planning

William Alfred Thomson,  
Toronto, Ont., Canada  
B.A. (York University)  
*Field of Specialization:* City and  
Regional Planning

James Robert Wahl, Rochester, N. Y.  
B.A. (University of Dayton)  
*Field of Specialization:* City and  
Regional Planning

Philip Roger Warth, Jr., Dayton  
B.S. in Ed. (University of Dayton)  
*Field of Specialization:* City and  
Regional Planning

Thomas Robert Willett,  
Mankato, Minn.  
B.A. (Mankato State College)  
*Field of Specialization:* City and  
Regional Planning

Gary Marvin Zelizer, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* City and  
Regional Planning

Paul Harvey Zinszer, Columbus  
B.S.C.E.  
*Field of Specialization:* City and  
Regional Planning

#### **Master of Fine Arts**

Seven candidates

Sidi Grunstein Gluck, Columbus  
B.S. in Edu.  
*Field of Specialization:* Fine Arts  
(Painting)

Mustafa Rasim Gursel,  
Bebek, Istanbul, Turkey  
B. A. (Robert College)  
*Field of Specialization*: Theatre

John Dale Long, Walla Walla, Wash.  
A.B. (Whitman College)  
*Field of Specialization*: Theatre

Wilbert Raymond Martin, Columbus  
B.F.A.  
*Field of Specialization*: Fine Arts  
(Graphics)

Dennis Stephen Paver, Hibbing, Minn.  
B.S. (St. Cloud State College)  
*Field of Specialization*: Theatre

Diane L.D. Powell, Worthington  
B.F.A.  
*Field of Specialization*: Fine Arts  
(Painting)

Janet Diane Segal, Columbus  
B.A.  
*Field of Specialization*: Theatre

#### Master of Music

Seven candidates

Julane Johnson App, Columbus  
B.Mus. (Valparaiso University)  
*Field of Specialization*: Music

Jane Thomas Burgeson, Columbus  
B. of Music (Cornell College)  
*Field of Specialization*: Music

Charlotte Anne Davis, Columbus  
B.Mus. in Edu.  
*Field of Specialization*: Music

Lawrence Roger Mallett, Columbus  
B. of Music (University of Iowa)  
*Field of Specialization*: Music

Douglas Harvey Masek, Parma  
B.M.Orch.Inst. (University of  
Cincinnati)  
*Field of Specialization*: Music

Jane Wood Trees, Granville  
B.of Music (Ohio Wesleyan  
University)  
*Field of Specialization*: Music

Kenneth James Wene, Columbus  
B.Mus, B.S. in Edu.  
*Field of Specialization*: Music

#### Master of Public Administration

Three candidates

Michael Jerome Gable, Rocky River  
B.A. (Miami University)  
*Field of Specialization*: Public  
Administration

Ronald Arthur Mucha,  
Parma Heights  
B.S. in Bus. Adm.  
*Field of Specialization*: Public  
Administration

Robert Saxton Wood,  
Pleasantville, N. Y.  
B.A. (Drew University)  
*Field of Specialization*: Public  
Administration

#### Master of Science

Two hundred and ten candidates

Gary Ronald Adams,  
Virginia Beach, Va.  
B.S. (United States Naval Academy)  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering

<sup>1</sup>Alan Cary Aikman, Celina  
*Field of Specialization*: Civil  
Engineering

Florian Ralph Albrecht, Malvern  
B.A. (Hiram College)  
*Field of Specialization*: Mathematics

Ralph Jerald Alexander, Batavia  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education

Dawson G. Alsdorf, Park Forest, Ill.  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Agronomy

James Wesley Amrine, Jr., Columbus  
B.S.  
*Field of Specialization*: Entomology

Richard Park Arter, Crestline  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education

John Dumas Asselin, Jr.,  
St. Paul, Minn.  
B.A. (College of Saint Thomas)  
*Field of Specialization*: Computer  
and Information Science

<sup>2</sup>Arol Ray Augsburger, Lima  
B.S.  
*Field of Specialization*: Optometry  
(Physiological Optics)

Beth Deniston Ball, Columbus  
B.S. in Occ. Ther.  
*Field of Specialization*: Allied  
Medicine

<sup>3</sup>James Lee Balthaser, Columbus  
*Field of Specialization*: Industrial  
Engineering

John Richard Barney,  
La Junta, Colorado  
B.A. (University of Colorado)  
*Field of Specialization*: Computer  
and Information Science

Ronald Justice Beaton,  
Parkersburg, W. Va.  
B.S. (Marietta College); M.S.  
*Field of Specialization*: Computer  
and Information Science

<sup>4</sup>Bruce Thatcher Beck, Dayton  
*Field of Specialization*: Electrical  
Engineering

Arthur Melvin Beery, Rittman  
B.S. in Dairy Tech.  
*Field of Specialization*: Dairy  
Technology

Frank Anthony Betron, Dayton  
B. Mech.E. (Manhattan College)  
*Field of Specialization*: Electrical  
Engineering

Anil Bhandari, Kanpur, India  
B.S. (Agra University); B.Tech.  
(Indian Institute of Technology)  
*Field of Specialization*: Industrial  
Engineering

Errol Glenn Blevins, Trenton  
B.S.As.E. (University of Cincinnati)  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering

Carl Press Boesel, Cincinnati  
A.B. (Miami University); M.D.  
(University of Cincinnati)  
*Field of Specialization*: Pathology

Clifton Eugene Bole, Columbus  
B.S. (Mount Union College)  
*Field of Specialization*: Geology

<sup>4</sup>John Jasper Bolinger, Jr., Beverly  
*Field of Specialization*: Electrical  
Engineering

Howard Lee Boughton, Rocky River  
B.A. (College of Wooster)  
*Field of Specialization*: Mathematics

Michael John Thomas Bowers,  
Wilmington, Del.  
B.S. (Indiana University)  
*Field of Specialization*: Chemistry

William Andrew Bradnan, Columbus  
B.S. (Allegheny College); M.D.  
*Field of Specialization*: Psychiatry

<sup>1</sup> Also Bachelor of Civil Engineering,  
College of Engineering,

<sup>2</sup> Also Doctor of Optometry,  
College of Optometry

<sup>3</sup> Also Bachelor of Industrial Engineering,  
College of Engineering

<sup>4</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

Julia May Brakel, Worthington  
B.S.  
*Field of Specialization:* Zoology

Jay David Brilliant, Worthington  
D.D.S. (Temple University)  
*Field of Specialization:* Dentistry

Earl Bruce Brookbank, III,  
Ledyard, Conn.  
B.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Ronald Alan Brown, Caldwell  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

Thomas Robert Brownlee, Columbus  
B.S., M.D.  
*Field of Specialization:* Pathology

Ernest Clyde Buchanan,  
Kinston, N. C.  
B.S. in Phar. (University of  
North Carolina)  
*Field of Specialization:* Pharmacy

Josef John Burton, Columbus  
A.B. (University of Rochester);  
B.A. (Utica College of Syracuse  
University); M.D. (Dalhousie  
University, Canada)  
*Field of Specialization:* Pediatrics

Bill Barton Butcher, Pocatello, Idaho  
B.S. (Idaho State University)  
*Field of Specialization:* Pharmacy

Scott Murray Byers, Great Falls, Va.  
B.S.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

James Ezzie Cates, Columbus  
B.A. (Ohio Northern University)  
*Field of Specialization:* Computer  
and Information Science

Amiya Kumar (Chakrabarti,  
Dist-Hooghly, West Bengal, India  
B.E. (University of Calcutta)  
*Field of Specialization:* Metallurgical  
Engineering

Francis Sze Kit Chan,  
Kowloon, Hong Kong, China  
B.E.E. (University of Dayton)  
*Field of Specialization:* Electrical  
Engineering

Alan Harold Channing, Cincinnati  
B.S.I.M. (University of Cincinnati)  
*Field of Specialization:* Allied  
Medicine

Pradit Charombuti,  
Bangkhen, Thailand  
B.S. (Kasetsart University)  
*Field of Specialization:* Agricultural  
Economics

William Chok-Nam Chen,  
Hong Kong, China  
B.A.S. (University of Toronto)  
*Field of Specialization:* Electrical  
Engineering

Daniel Joseph Chesanow,  
Pawling, N. Y.  
B.S. (Union University)  
*Field of Specialization:* Allied  
Medicine

Bruce Andrew Christian, Westerville  
B.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Huei-Hsiung Chuang,  
Kaohsiung, China  
B.S. in Engineering (National  
Taiwan University)  
*Field of Specialization:* Computer  
and Information Science

James Calvin Clay, Freeport  
B.S. in Agr.  
*Field of Specialization:* Agricultural  
Education

Michael Stuart Coalson,  
Birmingham, Ala.  
B.M.E. (Georgia Institute of  
Technology)  
*Field of Specialization:* Mechanical  
Engineering

John William Connor, Columbus  
B.S.Ch.E. (University of Notre  
Dame)  
*Field of Specialization:* Chemical  
Engineering

William Howard Considine, Akron  
B.A. (University of Akron)  
*Field of Specialization:* Allied  
Medicine

Stephen Alan Cramb,  
Allen Park, Mich.  
B.S. (Marietta College)  
*Field of Specialization:* Mathematics

Robert Silas Crawford, Ironton  
B.S. in Agr. (University of Kentucky)  
*Field of Specialization:* Animal  
Science

Duane Boyd Crum, Chicago, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Physics

Ronald Andrew Cudnik, Cleveland  
B.S. in Eng. S. (Case Western  
Reserve University)  
*Field of Specialization:* Mechanical  
Engineering

Lucien Louis Debruge, Dayton  
B.S. (Cleveland State University)  
*Field of Specialization:* Mechanical  
Engineering

Bill Frank Dennis, Columbus  
B.S. (Tennessee Technological  
University)  
*Field of Specialization:* Animal  
Science

Martha Rucker Diggle, Springfield  
B.S. (Radford College)  
*Field of Specialization:* Home  
Economics

Michael Anthony Dimatteo, Kettering  
*Field of Specialization:* Electrical  
Engineering

Robert Paul Drain, Reynoldsburg  
B.S. in M.E. (Drexel Institute of  
Technology)  
*Field of Specialization:* Mechanical  
Engineering

Sidney Philip DuBois,  
New Paltz, N. Y.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Physics

Penelope Higgins Dunham,  
Terre Haute, Ind.  
B.A. (Saint Mary-of-the-Woods  
College)  
*Field of Specialization:* Mathematics

Walter Wayne Eberhard, Grove City  
B.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Clifford Murray Eldredge, Columbus  
B.S. in Phys. Ther.  
*Field of Specialization:* Allied  
Medicine

Barbara Slater Eng, Steubenville  
B.S. in Phar.  
*Field of Specialization:* Pharmacy

Thomas Glenn Eshelman, Cleveland  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Computer and  
Information Science

Robert Jerome Fass, Worthington  
B.S., M.D. (Tufts University)  
*Field of Specialization:* Medical  
Microbiology

Nancy Whittlesey Flachskam,  
North Olmstead  
B.A. (Kalamazoo College)  
*Field of Specialization:* Chemistry

Mary Elizabeth Flahive,  
Queens Village, N. Y.  
B.A. (Saint Joseph's College for  
Women)  
*Field of Specialization:* Mathematics

- Thomas Pa-Song Fong,  
Taipei, Taiwan  
B.S. (Taiwan Cheng Kung  
University)  
*Field of Specialization*: Electrical  
Engineering
- Wayne Roland Fontaine,  
South Charleston, W. Va.  
B.S. (University of Wisconsin)  
*Field of Specialization*: Chemical  
Engineering
- Albert Wilson Ford, Gainesville, Fla.  
B.S. (Louisiana State University);  
D.D.S. (Loyola University)  
*Field of Specialization*: Dentistry
- Lawrence Elwood Frank,  
Bowling Green  
B.S.  
*Field of Specialization*: Mathematics
- Paul Eugene Freeman, Fostoria  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education
- Dwight Kenneth French,  
Hi-Nella, N. J.  
B.A. (Millersville State College)  
*Field of Specialization*: Mathematics
- Carl Roy Friberg, Jr., Columbus  
B.S. (University of Illinois)  
*Field of Specialization*: Geodetic  
Science
- Jacobo Reyes Gavilan, Columbus  
B.S.E.E. (University of Maryland)  
*Field of Specialization*: Electrical  
Engineering
- Edward Eugene Gbur, Youngstown  
B.S. (Saint Francis College  
Pennsylvania)  
*Field of Specialization*: Mathematics
- Frank Blackman Gray, Jr., Cincinnati  
B.S.A.A.E.  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering
- Nancy Green Greene, Cincinnati  
B.S.  
*Field of Specialization*: Physics
- Barbara Diane Hall,  
Indianapolis, Ind.  
B.A. (Wittenberg University)  
*Field of Specialization*: Botany
- Stephen A. Hallock, Niles  
B.S. (Wittenberg University)  
*Field of Specialization*: Chemistry
- Jane Baldwin Hardesty, Columbus  
B.S. (Denison University)  
*Field of Specialization*: Mathematics  
Information Science
- Robert Leslie Harrison, Worthington  
B.S. in Food Tech.  
*Field of Specialization*: Horticulture
- George Henry Harth III,  
Leavenworth, Kan.  
B.S. (University of Illinois)  
*Field of Specialization*: Metallurgical  
Engineering
- Willard Dwight Haverland,  
Montrose, Colo.  
B.S.  
*Field of Specialization*: Geodetic  
Science
- John Walker Heimaster,  
Charleston, W. Va.  
B.S. in Phys.  
*Field of Specialization*: Physics
- Stephen Philip Hepler, Elkart, Ind.  
B.S. in Edu. (Ball State University)  
*Field of Specialization*: Computer and  
Information Science
- Lyle Emil Herness, Wood Dale, Ill.  
B.S. (Elmhurst College); D.D.S.  
(Saint Louis University)  
*Field of Specialization*: Dentistry
- Milo Duane Hilty, Swanton  
B.S., M.D.  
*Field of Specialization*: Medical  
Microbiology
- Donna Chree Hoberg,  
Lockbourne AFB  
B.S. (Florida State University)  
*Field of Specialization*: Computer and  
Information Science
- Robert Allen Holmes, Columbus  
B.S. in Edu.  
*Field of Specialization*: Microbiology
- Paul Richard Hothem,  
Newcomerstown  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education
- Roberta Jean Horvath,  
West Alexandria  
B.A. (Miami University)  
*Field of Specialization*: Entomology
- David Lee Howard, Dayton  
B.S. in Agr.  
*Field of Specialization*: Microbiology
- James Dean Howell, Hagerstown, Ind.  
B.S.A. (Purdue University)  
*Field of Specialization*: Agricultural  
Economics and Rural Sociology
- Max Leslie Hunt, Jr., Columbus  
B.S. in Phar.  
*Field of Specialization*: Pharmacy
- Trevor Nagib Iskander,  
Birmingham, England  
A.B., M.D. (Birmingham University)  
*Field of Specialization*: Psychiatry
- D. Peter Jayapandian,  
Rasipuram, India  
B.S., M.S. (University of Madras)  
*Field of Specialization*: Physics
- Federico Roque Jonas,  
Washington, D.C.  
M.D. (National University of  
Cordoba)  
*Field of Specialization*: Preventive  
Medicine
- <sup>1</sup>Richard Allen Jordan, Cincinnati  
*Field of Specialization*: Physics
- George Samuel Joseph, Kitty, Guyana  
B.S. (University of London)  
*Field of Specialization*: Civil  
Engineering
- John Bayless Judd,  
Memphis, Tenn.  
B.A. (Southwestern at Memphis)  
*Field of Specialization*: Zoology
- Janis Ruth Kemphaus, Erlanger, Ky.  
A.B. (Thomas More College)  
*Field of Specialization*: Mathematics
- Joan Elizabeth Kernodle,  
Green Bay, Wis.  
B.S. (Purdue University)  
*Field of Specialization*: Mathematics
- William Harvey Kindel, Jr.,  
Denver, Colo.  
B.S. (Massachusetts Institute of  
Technology)  
*Field of Specialization*: Computer and  
Information Science
- James Wayne Knight, Columbus  
B.S.E.E. (Ohio University)  
*Field of Specialization*: Electrical  
Engineering
- John William Koerner, Warren  
B.S.  
*Field of Specialization*: Zoology
- <sup>2</sup>Thomas William Kovac, Cleveland  
*Field of Specialization*: Civil  
Engineering
- Nestor Bohdan Kowalsky,  
Downsview, Ont., Canada  
B.S. (Loyola College, Canada);  
M.D.C.M. (McGill University)  
*Field of Specialization*: Preventive  
Medicine

<sup>1</sup> Also Bachelor of Science in Physics,  
College of Engineering

<sup>2</sup> Also Bachelor of Civil Engineering,  
College of Engineering

- William James Kroth, Jr., Cincinnati  
B.S. (Xavier University)  
*Field of Specialization:* Physics
- Alan Edward Krusinger, Worthington  
B.C.E.  
*Field of Specialization:* Civil Engineering
- George Lee Kunberger,  
Winter Haven, Fla.  
D.M.D. (University of Louisville)  
*Field of Specialization:* Dentistry
- Carl Dennis Landis, Newark  
B.E.E.  
*Field of Specialization:* Electrical Engineering
- Raymond Edward Larson, Dayton  
B.S.C.E. (University of Illinois)  
*Field of Specialization:* Industrial Engineering
- Mary Jane Lee, Columbus  
B.S. in Edu.  
*Field of Specialization:* Computer and Information Science
- Matthew Kenneth Ligoeki,  
Oak Lawn, Ill.  
B.S. (United States Air Force Academy)  
*Field of Specialization:* Physics
- Swee Teck Lim, Columbus  
B.D.S. (University of Singapore)  
*Field of Specialization:* Dentistry
- Gordon Spencer Lohr, Erie, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Electrical Engineering
- Kenneth Wayne Lucci, Euclid  
B.S. (Ohio University)  
*Field of Specialization:* Electrical Engineering
- James Joseph Mager, Shadyside  
B.I.E.  
*Field of Specialization:* Industrial Engineering
- James Gregg Matson, Worthington  
*Field of Specialization:* Mechanical Engineering
- Robert Andrew Maynard,  
Newburgh, N. Y.  
B.S.  
*Field of Specialization:* Mathematics
- Daniel John McCarthy, Bangor, Me.  
D.D.S. (Marquette University)  
*Field of Specialization:* Dentistry
- Clair Bruce McCullough, Columbus  
B.S. in Agr., D.V.M.  
*Field of Specialization:* Veterinary Pathology
- Michael James McQuone, Columbus  
B.S. (Duquesne University)  
*Field of Specialization:* Pharmacy
- Martin Phillip Meacham,  
Pleasant City  
B.Cer.E.  
*Field of Specialization:* Ceramic Engineering
- Karl Ray Mecklenburg, Fairborn  
B.S.Mech.Engr. (University of Kansas)  
*Field of Specialization:* Mechanical Engineering
- Ferol Gurney Menks, Columbus  
B.S. in Occ. Ther.  
*Field of Specialization:* Home Economics
- Samih Bernaba Mikhael, Columbus  
B.S. (Cairo University)  
*Field of Specialization:* Electrical Engineering
- James David Mokren, Midland, Mich.  
B.S. (Capital University)  
*Field of Specialization:* Chemistry
- Hector Monroy, Popayan, Columbia  
Ing. Elect. (Universidad de Caldas)  
*Field of Specialization:* Electrical Engineering
- Jo-Ann Mary Moritz, Poland  
B.S.  
*Field of Specialization:* Microbiology
- Carmen Acevedo Navarro,  
Rincon, Puerto Rico  
B.S. (University of Puerto Rico)  
*Field of Specialization:* Zoology
- \*James Lee Nicholson, Lima  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Lana Mailo Nusbaum, Columbus  
B.S. (University of Akron); M.D.  
*Field of Specialization:* Anesthesiology
- Michael Thomas O'Connor,  
St. Paul, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization:* Mathematics
- Ram Murti Ohri,  
Amritsar, Punjab, India  
B.A., B.S. (Panjab University)  
*Field of Specialization:* Electrical Engineering
- Pamela JoAnn Page, Barrington, N.J.  
B.S. (Waynesburg College)  
*Field of Specialization:* Microbiology
- Robert Henry Parkerson, Columbus  
B.S. in Agr.  
*Field of Specialization:* Natural Resources
- Lillian Connelly Payne,  
Kansas City, Mo.  
R.A. (University of Kansas)  
*Field of Specialization:* Computer and Information Science
- Eleanor Marie Peck, Houtzdale, Pa.  
B.S. in Home Ec. (Mansfield State College)  
*Field of Specialization:* Allied Medicine
- Floyd Alan Powell, Dayton  
B. of E.E. (University of Dayton)  
*Field of Specialization:* Electrical Engineering
- Thomas Anthony Puchalski, Fremont  
B.S.  
*Field of Specialization:* Zoology
- Judith Dorr Putnam, Columbus  
B.S. (Ohio Dominican College)  
*Field of Specialization:* Zoology
- Trikur Anantharaman  
Ramanarayanan, Kerala, India  
B.E. (Indian Institute of Science);  
B.S. (University of Kerala)  
*Field of Specialization:* Metallurgical Engineering
- Richard Jefferson Randolph,  
Portsmouth  
B.S.  
*Field of Specialization:* Mathematics
- Omkar Singh Rathore,  
Rajasthan, India  
B.S. (Agr.), M.S. (Agr.), (University of Rajasthan)  
*Field of Specialization:* Agricultural Education
- Susan Muchow Rector, Sylvania  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Zoology
- William Charles Roberts- Horsfield,  
Plainfield, N.J.  
B.S. (Rutgers University)  
*Field of Specialization:* Electrical Engineering
- Richard Ellis Robey, Jr.,  
Hicksville, N. Y.  
B.S. (Worcester Polytechnic Institute)  
*Field of Specialization:* Aeronautical and Astronautical Engineering
- Charles Joseph Robinson, Columbus  
B.S. (College of Steubenville)  
*Field of Specialization:* Electrical Engineering
- Mary Morse Robinson, Columbus  
B.A. (University of Kansas)  
*Field of Specialization:* Microbiology

<sup>1</sup> Also Bachelor of Mechanical Engineering, College of Engineering

<sup>2</sup> Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Richard Charles Robinson,  
Port Credit, Ont. Canada,  
B.A. (Mankato State College) ; M.C.P.  
*Field of Specialization: Natural Resources*

Rosemary Arbogast Robinson,  
Columbus  
B.S. (Catherine Spalding College)  
*Field of Specialization: Home Economics*

William Spears Robson, Columbus  
D.D.S.  
*Field of Specialization: Dentistry*

Loretta Mary Romanoski,  
Wheeling, W. Va.  
B.S.A.E. (West Virginia University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*

James Robert Ross, Miamisburg  
D.D.S. (University of Tennessee)  
*Field of Specialization: Dentistry*

Mary Constance Rountree, Columbus  
B.S. (Madison College)  
*Field of Specialization: Home Economics*

Gary Stewart Roush, Columbus  
B.S.I.E.  
*Field of Specialization: Industrial Engineering*

Harold John Ruth, Marion  
B.S. (Marietta College)  
*Field of Specialization: Mathematics*

Costandy Stephan Saba,  
Grantham, Pa.  
B.A. (Messiah College)  
*Field of Specialization: Chemistry*

Robert Wesley Safford, Columbus  
B.S.  
*Field of Specialization: Geodetic Science*

Donald Michael Schlegel, Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*

Donald Norman Schneider, Fremont  
B.S. in Pharm. (University of Toledo)  
*Field of Specialization: Pharmacy*

Terrance Lee Schneider, Springfield  
B.A.  
*Field of Specialization: Allied Medicine*

Robert Richard Segedi, Brook Park  
B.A.  
*Field of Specialization: Natural Resources*

Judith Louise Selesky,  
Rochester, N. Y.  
B.A. (Olivet College)  
*Field of Specialization: Computer and Information Science*

William Milton Shaw, Sarahsville  
B.S. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Bonnie Wolfe Shetler, Columbus  
B.A. (Bluffton College)  
*Field of Specialization: Mathematics*

Donald Walter Shiesl, Bedford  
B.S. (Kent State University)  
*Field of Specialization: Natural Resources*

Ray Eugene Showman, Columbus  
B.S.  
*Field of Specialization: Botany*

William Ervin Slack,  
Glendale, W. Va.  
B.S. (West Liberty State College)  
*Field of Specialization: Chemistry*

Glenn Truman Smith, II, Uniontown  
B.A. (Wittenberg University)  
*Field of Specialization: Mathematics*

Horace Smith, Clarkton, N. C.  
B.S. (Virginia State College)  
*Field of Specialization: Agronomy*

<sup>1</sup>Richard Franklin Snyder,  
Perryville  
*Field of Specialization: Electrical Engineering*

<sup>2</sup>Duane Gerald Spiker, Columbiana  
B.A.  
*Field of Specialization: Physiology*

Michael Dean Sprague, St. Marys  
B.S. (Rose Polytechnic Institute)  
*Field of Specialization: Geodetic Science*

James Douglas Stauffer, Columbus  
B.C.E.  
*Field of Specialization: Civil Engineering*

<sup>3</sup>Harrison Lowe Stebbins, Sylvania  
*Field of Specialization: Chemical Engineering*

Carlos Eugenio Steiger,  
Santa Fe, Argentine  
C.D.P.P. (Universidad Nacional Del Litoral)  
*Field of Specialization: Agricultural Economics*

Robert Peter Stone, Cleveland  
B.S. (Purdue University)  
*Field of Specialization: Entomology*

Robert Allen Strohaber, Columbus  
D.D.S. (Indiana University)  
*Field of Specialization: Dentistry. .*

Yali Ellen Sung, Taipei, Taiwan  
B.S. (Tunghai University)  
*Field of Specialization: Biophysics*

Dale Phillip Svendsen, Columbus  
B.A. (Northern Illinois) ; M.D.  
*Field of Specialization: Psychiatry*

Sandra Drabik Sweitzer, Toledo  
B.S.  
*Field of Specialization: Botany*

Diane Tallo, Masury  
B.S. (Youngstown State University)  
*Field of Specialization: Mathematics*

Arthur Ray Thorne, Columbus  
B.S.E.E. (West Virginia University)  
*Field of Specialization: Electrical Engineering*

Edward Vincent Tomsic, Lockbourne  
B.S.  
*Field of Specialization: Computer and Information Science*

Carolyn Louise Trowbridge, Archbold  
B.A. (Defiance College)  
*Field of Specialization: Dairy Science*

David Samuel Trushin,  
Dobbs Ferry, N. Y.  
B.A. (Johns Hopkins University)  
*Field of Specialization: Mathematics*

James Michael Upchurch, Westlake  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Marie Alana Urban, Pittsburgh, Pa.  
B.A. (Mount Mercy College)  
*Field of Specialization: Microbiology*

<sup>1</sup> Also Bachelor of Electrical Engineering, College of Engineering

<sup>2</sup> Also Doctor of Medicine, College of Medicine

<sup>3</sup> Also Bachelor of Chemical Engineering, College of Engineering

- William John Urban, Pittsburgh, Pa.  
B.S. (Carnegie-Mellon University)  
*Field of Specialization: Mathematics*
- Alain Joseph Vaillancourt,  
Sherbrooke, Que., Canada  
D.D.S. (University of Montreal)  
*Field of Specialization: Dentistry*
- Michael Principe VanDerWielen,  
Columbus  
B.S. (Milwaukee School of  
Engineering, Inc.)  
*Field of Specialization: Mechanical  
Engineering*
- Frank Joseph Varga, Jr., Crestline  
B.S.  
*Field of Specialization: Microbiology*
- Manuel Verdeguer,  
Rio Piedras, Puerto Rico  
B.S.E.E. (University of Puerto Rico)  
*Field of Specialization: Electrical  
Engineering*
- David Paul Vogel, Gowanda, N. Y.  
B.S. (University of New York)  
*Field of Specialization: Pharmacy*
- John Gabriel Wagnitz, Columbus  
B.S., M.D.  
*Field of Specialization: Psychiatry*
- Steven Edward Walker,  
Rochester, N. Y.  
B.A. (Harpur College)  
*Field of Specialization: Chemistry*
- Harlin Richard Walter, Monroeville  
B.S. (Heidelberg College)  
*Field of Specialization: Allied  
Medicine*
- Nancy Maan-Mei Wang,  
Tainan, Taiwan  
B.S. (Chung-Hsing University)  
*Field of Specialization: Computer and  
Information Science*
- Shin Min Patrick Wang,  
Taipei, Taiwan  
B.S. (Fujen Catholic University)  
*Field of Specialization: Mathematics*
- Edward Roy Ward, Jr., Cullman, Ala.  
A.B. (Saint Bernard College)  
*Field of Specialization: Botany*
- Barry Lee Weber, Columbus  
B.S. in Agr.  
*Field of Specialization: Natural  
Resources*
- Philip McKirgan Wells, Lima  
B.A. (Miami University)  
*Field of Specialization: Allied  
Medicine*
- Charles Ronald White, Columbus  
B.S. (Bowling Green State  
University); M.D.  
*Field of Specialization: Psychiatry*
- Kenneth Earl Wilkes, Columbus  
B.S.M.E. (Duke University);  
M.S.M.E. (Purdue University)  
*Field of Specialization: Physics*
- Jonathan Keith Wilkin,  
Newcomerstown  
B.A.  
*Field of Specialization: Zoology*
- Sara Durbin Wolfer, Sante Fe, N. M.  
B.S. (College of Mount Saint Joseph  
on-the-Ohio)  
*Field of Specialization: Allied  
Medicine*
- Barbara Jur Yanosko, Columbus  
B.A. (University of Chicago)  
*Field of Specialization: Mathematics*
- Hsu-Fang Yeh, Taipei Taiwan  
B.S. (Fujen Catholic University)  
*Field of Specialization: Home  
Economics*
- William Herbert Zahn, Dayton  
B.S. (University of Notre Dame)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- William John Zielenbach, Hilliard  
B.S. in Ch.E. (University of  
Pennsylvania)  
*Field of Specialization: Nuclear  
Engineering*
- Master of Social Work**  
One hundred and three candidates
- Martha Svec Abel, Columbus  
A.B. (Ohio University)  
*Field of Specialization: Social Work*
- Louise Jeannette Alluis,  
San Diego, Calif.  
B.A. (Whittier College)  
*Field of Specialization: Social Work*
- Nicholas Royal Baldwin,  
Belmont, Mass.  
B.A. (Western Washington State  
College)  
*Field of Specialization: Social Work*
- Anthony J. Barone, Newport, Ky.  
B.S. (Xavier University)  
*Field of Specialization: Social Work*
- Ann Ballinger Bartlett, Cincinnati  
A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*
- Estelle Jane Baskerville, Columbus  
B.S. (Tennessee Agricultural and  
Industrial State University)  
*Field of Specialization: Social Work*
- Paula Siefert Bohl, Monroe  
A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*
- William Anthony Bohnert, Columbus  
A.B. (Saint Mary's College); M.A.  
(Xavier University)  
*Field of Specialization: Social Work*
- Pamela Jane Noyes Bolton,  
Winnipeg, Canada  
B.A. (University of Manitoba)  
*Field of Specialization: Social Work*
- Richard David Bonifield, Zanesville  
B.A. (Muskingum College)  
*Field of Specialization: Social Work*
- Sister Jeannette Borchers,  
Mount St. Joseph  
B.S. (College of Mount Saint Joseph  
on-the-Ohio); M.E. (Saint Louis  
University)  
*Field of Specialization: Social Work*
- Roberta Gail Borden,  
Cleveland Heights  
B.S. in Soc.Wel.  
*Field of Specialization: Social Work*
- Carol Jean Brady, Cincinnati  
A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*
- Eve Shuchat Brown, Columbus  
B.S. in Soc.Wel.  
*Field of Specialization: Social Work*
- Marcia Joyce Bruce, Columbus  
B.S. in Soc.Wel.  
*Field of Specialization: Social Work*
- Joseph Thomas Carmichael, Jr.,  
Reynoldsburg  
B.S. in Soc.Wel.  
*Field of Specialization: Social Work*
- Carol Knoerle Carrigan, Cincinnati  
B.A. (Edgecliff College)  
*Field of Specialization: Social Work*
- Thelma Bondurant Catron, Columbus  
A.B. in Edu. (West Virginia State  
College)  
*Field of Specialization: Social Work*
- Joan Elaine Cetina, Newton Falls  
A.B. (Heidelberg College)  
*Field of Specialization: Social Work*
- Ronald Carl Chapman, Springfield  
B.S. (Urbana College)  
*Field of Specialization: Social Work*
- Carl Howard Clymer, Springfield  
B.S. in Soc.Wel.  
*Field of Specialization: Social Work*

Eugene Thomas Colina, Cincinnati  
A.B. (Thomas More College)  
*Field of Specialization:* Social Work

Linda Roberts Corlis, Columbus  
B.S. in Nurs.  
*Field of Specialization:* Social Work

Sharon Kay Cuning, Mansfield  
B.A.  
*Field of Specialization:* Social Work

Donald Ralph Dague,  
Wheeling, W. Va.  
B.S. in Edu.  
*Field of Specialization:* Social Work

Marjorie Ellen Davis, Cincinnati  
A.B. (Ripon College)  
*Field of Specialization:* Social Work

Patricia Hallums Davis,  
Greenville, S. C.  
B.S. (Benedict College)  
*Field of Specialization:* Social Work

Jennifer Lea Disney, Cincinnati  
B.A.  
*Field of Specialization:* Social Work

Norma Jean Dixon, Columbus  
B.S. in Soc. Adm.  
*Field of Specialization:* Social Work

Louella Lexie Eades, Orient  
B.S. in Edu.  
*Field of Specialization:* Social Work

Susan Diane Everett, Mt. Vernon  
B.A., B.S. in Edu.  
*Field of Specialization:* Social Work

Mona Kathleen Fink, Columbus  
B.S. in Soc. Wel.  
*Field of Specialization:* Social Work

Margaret Huber Foley, Dayton  
B.A. (University of Dayton)  
*Field of Specialization:* Social Work

Norman Henry Gary, Delaware  
B.S. in Edu.  
*Field of Specialization:* Social Work

Elizabeth Ann Gaumer,  
Philadelphia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Social Work

Florence Rafter Gibson, Blacklick  
B.S. in Soc. Wel.  
*Field of Specialization:* Social Work

Catherine Ann Gore, Bellevue, Ky.  
A.B. (Thomas More College)  
*Field of Specialization:* Social Work

Mary Lucinda Graham, Columbus  
B.A. (College of Saint Mary of the  
Springs)  
*Field of Specialization:* Social Work

George Stanley Greenberg, Cincinnati  
B.A. (Franklin and Marshall College)  
*Field of Specialization:* Social Work

James Olai Grippe, Columbus  
B.A. in Edu. (University of Akron)  
*Field of Specialization:* Social Work

Allen Gene Hamann, Marion  
A.B. (Hanover College); B.D.  
(McCormick Theological Seminary)  
*Field of Specialization:* Social Work

Nancy Clayton Hilton, Cleveland  
B.A. (University of South Florida)  
*Field of Specialization:* Social Work

Donald Paul Hodgson, Columbus  
B.S. in Edu.  
*Field of Specialization:* Social Work

Jane Wort Jansak, Cincinnati  
A.B. (Douglass College)  
*Field of Specialization:* Social Work

Dorothy Becker Jobst, Worthington  
B.S.S.W. (Washington University)  
*Field of Specialization:* Social Work

Gary Lee Johnson, Provo, Utah  
B.S. (Brigham Young University)  
*Field of Specialization:* Social Work

Jennie Aileen Johnson, Aberdeen, Md.  
B.A. (Maryland State College)  
*Field of Specialization:* Social Work

Kay Lorraine Jones, Youngstown  
B.A. (Wittenberg University)  
*Field of Specialization:* Social Work

Joel Michael Kaber, Altoona, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Social Work

Karen Diebold Kauffman,  
Kearny, N. J.  
B.A. (Davis and Elkins College)  
*Field of Specialization:* Social Work

John Emil Kirian, Tiffin  
B.A., M.A. (Catholic University of  
America)  
*Field of Specialization:* Social Work

Herbert Hoover Lamb, Lancaster  
B.A. (Ashland College)  
*Field of Specialization:* Social Work

Barbara Kerr Larcom, Wooster  
B.A.  
*Field of Specialization:* Social Work

Nannette King Lauer, Columbus  
B.A. (Alaska Methodist University)  
*Field of Specialization:* Social Work

Elaine Sue Laycock, Cincinnati  
B.A. (Otterbein College)  
*Field of Specialization:* Social Work

Carol Susan Leininger, Dayton  
B.A. (Evangel College)  
*Field of Specialization:* Social Work

Jean Fitzwater Lindstrom, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Social Work

Ruth Hatfield Linnabary, Sunbury  
B.A. (Capital University)  
*Field of Specialization:* Social Work

Ruby Cooper Lipscomb, Columbus  
A.B. (Talladega College)  
*Field of Specialization:* Social Work

Gary Dennis Logan,  
Tonawanda, N. Y.  
B.A. (Concordia Senior College,  
Indiana); B.D. (Concordia Seminary,  
Missouri)  
*Field of Specialization:* Social Work

Diana Maryellen McKee, Columbus  
B.S. in Soc. Wel.  
*Field of Specialization:* Social Work

Suzanne Head Milligan, Westerville  
B.A.  
*Field of Specialization:* Social Work

Nelia Vitalia Milliner,  
St. Thomas, Virgin Islands  
A.B. (Ohio Dominican College)  
*Field of Specialization:* Social Work

Gwendolyn Elizabeth Mitchell,  
Cincinnati  
B.A. (Fisk University)  
*Field of Specialization:* Social Work

Sharon Bargdill Moon, Cincinnati  
A.B. (Wilmington College)  
*Field of Specialization:* Social Work

James Lawrence Moore, Chardon  
B.A. (University of California)  
*Field of Specialization:* Social Work

Janice Clare Mullen, Cincinnati  
B.S. in Ed. (Loyola University)  
*Field of Specialization:* Social Work

Patricia Ann Myers, Cincinnati  
B.S. in Soc. Adm.  
*Field of Specialization:* Social Work

John Thomas O'Bryan, Cincinnati  
B.A. (University of Dayton)  
*Field of Specialization:* Social Work

Lawrence Albert Peter, Cincinnati  
A.B. (University of Cincinnati)  
*Field of Specialization:* Social Work

Carl Douglas Porter, Columbus  
B.A. (Alderson-Broadbuss College)  
*Field of Specialization:* Social Work

Gwendolyn Phelps Prater,  
Vicksburg, Miss.  
B.A. (Tougaloo College)  
*Field of Specialization:* Social Work

Sharon Lynn Rainsberger, Painesville  
B.A. (Baldwin-Wallace College)  
*Field of Specialization* : Social Work

Lewis Edward Robbins, Lancaster  
A.B. (Franklin College of Indiana) ;  
B.D. (Crozer Theological Seminary)  
*Field of Specialization* : Social Work

Gayle Caplan Romanoff, Columbus  
A.B. (Vassar College)  
*Field of Specialization* : Social Work

John Philip Ross, The Plains  
A.B. (Ohio University)  
*Field of Specialization* : Social Work

Suzanne Luethi Ross, Granville  
B.A.  
*Field of Specialization* : Social Work

Dorothy Brown Ruppanner,  
Pittsburgh, Pa.  
B.A. (Bowling Green State  
University)  
*Field of Specialization* : Social Work

Donald Ray Saylor, Columbus  
B.A. (Capital University) ; M.A.  
(Case Western Reserve University) ;  
B.D. (Lutheran Theological  
Seminary) ; Th.M. (Southern Baptist  
Theological Seminary)  
*Field of Specialization* : Social Work

Philip Jay Schwartz, Mansfield  
B.A.  
*Field of Specialization* : Social Work

Clara Quint Shalvoy, Columbus  
A.B. (College of Mount Saint Joseph  
on-the-Ohio)  
*Field of Specialization* : Social Work

Edward George Shea, Rochester, N.Y.  
B.A. (Harpur College)  
*Field of Specialization* : Social Work

Alphonso Simmons, McIntosh, Ga.  
B.A. (Fort Valley State College)  
*Field of Specialization* : Social Work

Helen Jane Smith, Austin, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization* : Social Work

Marsha Pence Snyder, Columbus  
B.A. (Miami University)  
*Field of Specialization* : Social Work

Gail Irene Tuber Splaver, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization* : Social Work

Charlotte Filhart Stoodt, Lima  
B.A. (Ohio Northern University)  
*Field of Specialization* : Social Work

Emily Ruth Stull, Columbus  
B.S. in Nur. (University of Michigan)  
*Field of Specialization* : Social Work

Stanley John Szalak, Lancaster, Pa.  
B.A. (Millersville State College)  
*Field of Specialization* : Social Work

Elaine Nancy Szedlak, Cincinnati  
B.A. (Georgetown College)  
*Field of Specialization* : Social Work

Elissa Eiber Tessler, Cincinnati  
A.B. (Syracuse University)  
*Field of Specialization* : Social Work

Layton Chappell Thomas, Columbus  
B.A. (Kent State University)  
*Field of Specialization* : Social Work

Rufus Larry Thomas, Pittsburgh, Pa.  
B.A. (Anderson College)  
*Field of Specialization* : Social Work

David Hall Thompkins, Coshocton  
B.A. (Kent State University)  
*Field of Specialization* : Social Work

Michele Ellen Montmore Vance,  
Columbus  
B.S. (East Tennessee State  
University)  
*Field of Specialization* : Social Work

James Edward Weigand, Barberton  
B.S. in S.S. (John Carroll University)  
*Field of Specialization* : Social Work

Jonathan Victor Weiss, Wayne, N. J.  
B.A. (Catholic University of America)  
*Field of Specialization* : Social Work

Evelyn A. Wiejek, Rome, N. Y.  
B.A. (Utica College of Syracuse  
University)  
*Field of Specialization* : Social Work

Steven Alan Wolotsky,  
Middletown, Conn.  
B.A. (University of Massachusetts)  
*Field of Specialization* : Social Work

Mary Pui-Ching Wong,  
Kowloon, Hong Kong  
B.A. (Our Lady of Cincinnati  
College)  
*Field of Specialization* : Social Work

Twila Rose Zimmerly, Sterling  
B.A. (Goshen College)  
*Field of Specialization* : Social Work

Gena Ruth Zlatkind, Columbus  
B.A. (Rosary Hill College)  
*Field of Specialization* : Social Work

Robert Jerome Zuercher, Delaware  
B.S. in Soc. Wel.  
*Field of Specialization* : Social Work

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Dean for Undergraduate Programs: Lawrence J. R. Herson

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard H. Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### College of Social and Behavioral Sciences

Acting Dean: James G. Martin

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Fifteen candidates

Kent Norman Bowser, Maple Heights  
Catherine Grace Claxton, Columbus  
Gail Betty Cooperman,  
New York, N. Y.  
Paula Flesher Geer, Columbus  
Marilyn Jeanne Hoffman, Swanton  
David James Ireland, Mansfield  
Helayna Theresa Iwani, Roslyn, N. Y.  
Edna Deirdre Rainey,  
Williamsburg, Va.  
Marjorie Ann Runkel,  
Norristown, Pa.  
Laura Jill Schatzley, St. Louis, Mo.  
Joseph Edwin Smith, Hillsboro  
Laralu Marie Smith, Columbus  
Gary George Vild, Russell  
Jill Susan Wiltberger, Waverly  
Thomas Tucker Zeller, Columbus

### Bachelor of Fine Arts

Sixty-one candidates

James Gilbert Barber, Jr., Arlington  
Warren Drake Bartholomew,  
Columbus  
Donald Blair Beams, Columbus

James Arthur Beatty, Ashville  
Wayne Michael Bennett, Columbus  
Barbara Ellen Berger, Chicago, Ill.  
Linda Ann Bortner, Canfield  
Mary Martha Buchanan, Kettering  
Donna Marie Costanzo, Parma  
Douglas Creech, Middletown  
Gregory Martin Crook, Brunswick  
Elaine Flaherty Deegan, Columbus  
Kenneth David DeLor, Sandusky  
Kathryn Christine Dixon, Kettering  
Nancy Cranmer Eichenberger, Toledo  
John Anthony Elef, Dayton  
Sally Emerson, Park Ridge, Ill.  
Thomas Crawford Ferensen, Elyria  
Timothy Toll Frederich, Columbus  
Barbara Kay Garrison, Mansfield  
B. Art Edu.  
Linda Marie Gents, Mentor  
Sharon Lee Harrod, Avon Lake  
Mary Jane Holcomb, Eugene, Ore.  
John C. Jay, Columbus  
Lawrence Victor Kanner,  
University Heights  
Catherine Bruce Keith, Columbus  
Thomas E. Klebold, Toledo  
Melanie Jane Knight, Dayton  
Rande McCollum McGivern, Columbus  
Mildred Theresa McMillen,  
North Ridgeville  
Sanford Meisel, Cleveland Heights  
Pamela Ann Neumeier, Delphos  
Ronnie Jane Noll,  
Rockville Centre, N. Y.  
Toshiko Oiyama,  
Naha, Okinawa, Japan  
Janet Deborah Pollack,  
Mt. Vernon, N. Y.  
Cynthia Susan Pratt, Paramus, N. J.  
Stephen Shawn Quine, Bismark, N. D.  
Don Walter Reyna, Columbus  
Karen Bernadette Roberts, Cincinnati  
Vivian Rose Rowntree, Cincinnati  
Natalie Sharon Samuels, Miami, Fla.  
Byron James Savon, Bay Village  
Nancy Sue Schwartz,  
Hewlett, Long Island, N. Y.  
Lynn Elisa Seher, Woodbury, N. Y.  
Judy Ellen Selednik, Bayside, N. Y.  
Cheryl Kaye Sersen, Columbus  
Donald Frank Sersen,  
New Hyde Park, Long Island, N. Y.  
William Bradford Shisler,  
Worthington  
Carol Remen Shively, Columbus  
William Bruce Shively, Columbus  
Susan Paula Sloan, Columbus  
Lynne Sperling, Shaker Heights  
Sheryl Marie Sprague, Dayton

Susannah Seaman Springer,  
Columbus

Tommy Joseph Stahl, Orient  
Stephen Edward Stathes, Columbus  
Judith Ann Toth, Dayton  
Ivan Timothy Tucker, Columbus  
Merle Thomas Van Voorhis, Columbus  
Randy Lynn Witherspoon, Minerva  
Jack Von Zoog, Columbus

### Bachelor of Music

Four candidates

Michael Norbert Moore, Columbus  
Ann Sessions, Lexington, S. C.  
\*William Theodore Stewart, Jr.,  
Worthington  
George Melvin Tepping, Dayton

**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 pages 51 and 52

### Bachelor of Science in Industrial Design

Fourteen candidates

Jeffrey Joseph Chandler, Columbus  
Tim Randall Cook, Columbus  
Robert Edward Darrow,  
Auburn, N. Y.  
Dennis Joseph Foley, Middletown  
Elliott Mitchell Garber,  
Palm Springs, Calif.  
Richard Allan Gilmore, Columbus  
Harry David Hamilton, Columbus  
Roger Lowell Kamerer, Westerville  
William Thompson Miller, Columbus  
Reginold Alonza Milton, Cincinnati  
Larry Sheldon Paine, Columbus  
Mark Allen Rosen, Mayfield Heights  
Gary Lynn Stafford, Columbus  
Richard Paul Wancho, Cleveland

\* Also Bachelor of Music Education,  
College of Education

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Four candidates

\*Robert Francis Gagel, Maria Stein  
James Dennis Marr, Bay Village  
Randy Charles Miller, Columbus  
Steven Terence Plunkett, Wadsworth

### Bachelor of Science

Two hundred and forty-two candidates

Douglas O. Adams, Xenia  
Donald Jonathan Adler,  
Cleveland Heights  
Robin Alan Albert, Beachwood  
Bruce Irwin Andrews, Canfield  
Kenneth Duane Andryc, Amlin  
Craig Russell Apelt, Cleveland  
Robert Roe Ashmead,  
Torrington, Conn.  
Steven Leonard Bair, Syosset, N. Y.  
Geoffrey Ronald Baker, Painesville  
Roy Malcolm Baker, Rocky River  
John Howard Bell, Columbus  
Rickey Charles Bell, Lexington  
Leslie Charles Bender, Columbus  
Mary Margaret Bendig, Warren  
Robert Paul Bennett, Portsmouth  
Ronald George Berlan, Euclid  
Jeffrey Lynn Berzon, Dayton  
Linda Louise Blum, Toledo  
Thomas David Boc, Kettering  
Ronald Wayne Bolton, Louisville, Ky.  
Bonita Deborah Borodkin, Akron  
Dennis Ford Boughton, Akron  
Kenneth Charles Brandt, Cincinnati  
Neil Jay Bright, Bloomville  
Janet Marjorie Brockwell, Cambridge  
Mary Kathryn Brozovich, Toronto  
Walter Richard Buck, Niles  
Charles Samuel Buemi, Wadsworth  
Mark Maxwell Bundy, Cleveland  
James Henry Burkholder, Bluffton  
Glen Mark Burton, Marion  
Mignon Marie Bush, Mansfield  
Stephan Alan Byers, Columbus  
Craig Blake Cairns, Tipp City  
Robert James Campbell, Centerville  
Murray Alan Canter,  
Philadelphia, Pa.  
Lawrence Alexander Capitini,  
Trenton, N. J.

Ross Anthony Caputo, Dennison  
Bruce Allen Carey, Marion  
Linda Susan Casagrande, Cincinnati  
Michael Howard Chema,  
Yonkers, N. Y.  
Robert John Clements, Columbus  
Thomas Joseph Conaty, Bellaire  
John Ellis Craig, Andover  
Marjorie Josephine Cram,  
Rio Piedras, Puerto Rico  
Callie Corinne Cramer, Columbus  
Frederick Randle Crowgey, III, Salem  
Howard Stanley Culbertson, Hebron  
Candice Fluke Danford, Columbus  
Diana Daune Davis, Middleport  
Nancy Lee Davis, Columbus  
Martin Robert Deibel, Jr., Columbus  
Karen Marie Denwicz, Columbus  
Rebecca Elizabeth deVillers,  
Mt. Vernon  
Joseph Richard DeWitt,  
South Plainfield, N. J.  
Steven Jeffrey Dick,  
Morristown, N. J.  
James Patrick Dillon, Maumee  
Patricia Ann Ditrovati,  
Pittsburgh, Pa.  
Gregory Lee Duche, Columbus  
Ronald Thomas Duff, Youngstown  
Richard Edward Duhrkopf,  
Worthington  
Arthur Wayne Edwards, II, Columbus  
Donald Eugene Eichelberger,  
Columbus  
Peter Joseph Erossy, Cleveland  
Patrick Joseph Fahey, Evanston, Ill.  
Michael Carlton Fair, Fairborn  
Jerold Vaughn Feddersen, Jr.,  
Columbus  
Charles Philip Fenell, Lyndhurst  
Steven Carl Ferber, Chagrin Falls  
James William Ferguson, Akron  
Robert Edward Finelli, Columbus  
Robert Dennis Footer,  
Chevy-Chase, Md.  
Marcia Ellen Forbes, Mentor  
Randall Steven Frederick, Dunkirk  
Christopher James Frolick,  
Cleveland  
Ronald Paul Fullmer, Lima  
Mary Michelle Gall, Cincinnati  
Elizabeth Kay Garges, Columbus  
James Michael Gentile, Poland  
Shirley Anne Gilliland, Columbus  
Victoria Van Eman Goltz, Columbus  
Janet Susan Graeb, Euclid  
Gerald Francis Grim, Columbus

Ronald Eugene Grimwood, Jr.,  
Columbus  
Jean Ann Grubb, North Canton  
James Patrick Hadden, Columbus  
Deborah Lee Halco, Massillon  
William Norman Hall, Toledo  
Lawrence Dean Hanna, Columbus  
Suzanne Usher Hansbauer, Cincinnati  
Gene Talmadge Henderson, Elyria  
Patricia Marie Hentosh, Girard  
Therese Hunsaker Herford, Columbus  
Richard Jay Herman, South Euclid  
Harold Edgar Hestand, Columbus  
Benjamin Larkin Hicks, Cocksleyville  
Jeffrey Howard Hill, Columbus  
James Michael Hofacre, Lexington  
William Franklin Hoffman, Jr.,  
Columbus  
Judith Ann Hoglind,  
Valley Stream, N. Y.  
Richard James Holloway, Euclid  
Terry Donald Holzaepfel, Sandusky  
Karen Barker Hook, Amherst  
Randall Dean Huffman, Arcadia  
Jeffrey Hutson Hughes, Columbus  
Timothy Bowker Hutson, Salem  
Thomas Lynn Iceeman, Wooster  
Eugene Elias Jacob, Cleveland  
John Alan Jakubowski, Chesterland  
Craig Whitaker Johnson,  
Terrace Park  
David Francis Johnson, Columbus  
David Paul Johnson, Columbus  
David Rees Jones, Ithaca, N. Y.  
Timothy Dale Jones, Euclid  
Jerome Edward Kaufman, Cleveland  
Keith Bradley Keplinger, Dayton  
Sanford Richard Kimmel, Scio  
David Paul Kosnosky, Cleveland  
Philip Dale Kozimer, North Olmsted  
Thomas Kozlowski, Columbus  
Douglas Anthony Kremer,  
Farmingdale, N. Y.  
Raymond John Laboda,  
North Royalton  
David Alan Lavine, Canton  
Donald John Lehman, Mansfield  
Cheryl Lee Long, Urbana  
Marc Allen Lurie, Columbus  
John David Magnussen, Gallipolis  
Raymond Daniel Magorien,  
Woodsfield  
Bethany Bayert Mara, Columbus  
Candace Martinson, Lodi  
Steven Harris Mattlin, Cleveland  
Alan Eugene Maul, Mansfield  
Thomas Dale Mays, Chesapeake

\* Also Doctor of Medicine, College of Medicine

Richard Eugene McCleod, Jr.,  
Columbus  
Richard Wilson McCoy, Kettering  
Michael James Meagher, Columbus  
Donald Arthur Merriweather,  
Birmingham, Ala.  
Robert Thomas Miday, Canton  
Jack Lawrence Miller, Akron  
Douglass de Diemar Mitchell,  
Columbus  
Thomas Alexander Moon,  
Parma Heights  
George Nasse, Columbus  
James Michael Needham, Kenton  
Robert Lawrence Newman,  
Great Barrington, Mass.  
Allan Eugene Nickel, Friendship  
Nicola Blagoy Nicoloff, Lorain  
John Charles Nisbet, Loveland  
Michael Alan Novak, Lyndhurst  
Susan Anne Orkins, Seminole, Fla.  
Richard George Orozco, Lorain  
William Robert Page, Jr., Columbus  
Dale Nathaniel Payne, South Vienna  
David Earl Pearce, North Olmsted  
Ronald Douglas Pearson, Ashtabula  
Cecilia Marie Podoske, Logan  
Harvey Andrew Popovich, Avon Lake  
Teresa Lynn Postle, Westerville  
Robert Charles Prophater, Greenville  
Samuel Davis Raider, Wadsworth  
Michael Eugene Ralston, Van Wert  
William Allen Ramoska, Barberton  
Frank Daniel Reilly, Columbus  
John McCune Rice, Euclid  
Stephen Ray Richards, Columbus  
Steven Lee Richards, Shaker Heights  
Rosemary Roberts, Columbus  
James Steven Robinson,  
West Lafayette  
Donald Lee Rogers, Ashland  
Ralph Richard Romaker, Cridersville  
Mark Julian Roth,  
Highland Park, N. J.  
David Ward Rust, Dayton  
Daniel Paul Ruth, Bucyrus  
Ronald Gene Sack, Columbus  
Richard Maxwell Sandefur, Jr.,  
Columbus  
John Steven Sandy, Columbus Grove  
Stephen Denman Scarbrough,  
Fredericktown  
Sheila Petry Schaefer, Newark  
Paul Edward Schroeder, Cleveland  
Bruce David Schwartz, South Euclid  
Karla Neill Schwensen, Bloomfield  
Ira Shafraan, Cleveland Heights  
John Russell Shepherd, Cincinnati  
John Howard Shook, Copley

John Anthony Short,  
Downers Grove, Ill.  
Robert Charles Shumaker, Amherst  
Eugene John Siembieda, Jr.,  
Monroeville, Pa.  
Paul Irwin Silverstein, Findlay  
Donald William Simmler, II,  
South Bend, Ind.  
Thomas Carl Skoog, Fairview Park  
Cynthia Bean Smal, Findlay  
Glenn Kirk Smith, Jr., Powell  
Connie Lou Speer, Columbus  
Thomas Eric Sperling, Whitehouse  
David William Spriggs, Fremont  
Samuel Frederick Stebelton, II, Troy  
Joseph Raymond Stewart, Columbus  
Daniel Earl Stocker, Euclid  
Robert Lawrence Strausberg,  
Princeton, N. J.  
Charles Lee Stump, Columbus  
Dennis Patrick Sullivan, Springfield  
Richard Loring Sutton, Euclid  
Walter Swanson, Nokesville, Va.  
Chak Shing Willie Szeto,  
Kowloon, Hong Kong  
Thomas Raymond Tawse, Wadsworth  
Clayborn C. Taylor, Ashville  
Robert Timothy Tinl,  
Columbia Station  
Richard Stephen Tirpak, Elyria  
Arthur Francis Tomaszewski, Toledo  
Gregory Charles Tomlinson,  
Prospect, Ky.  
Jeffrey Kline Towner, Akron  
Michael Anthony Tranovich, Bellaire  
David Young-Ho Tsai, Worthington  
Russell Laurence Tuverson, Jr.,  
Dayton  
Arthur Van Deusen, Jr.,  
Albany, N. Y.  
Paul Michael Vican, Shadyside  
Danny Ray Voiles, Dayton  
Charles Wesley Wagner, Canal Fulton  
Fred Arthur Wagshul,  
Far Rockaway, N. Y.  
Paul Ellis Wakely, Jr., Canton  
Marilyn Schweitzer Wallace,  
Columbus  
John Richard Walter, Warren  
Thomas Allen Waltermire,  
Cuyahoga Falls  
David Morgan Ward, Worthington  
Josephine Ellen Wargo, Caldwell  
Timothy Neal Warner, Akron  
Charles Richard Weese, Jackson  
William Gene Wells, Jr.,  
Columbia Station

Dale Melvin Wetmore, Oregon  
Kenneth Alan Wheeler, Pleasant City  
Andrew Powell Whipple, Columbus  
Lewis Vincent Whitman, Toledo  
Gary Lee Wilges, St. Marys  
Sarah George Wilkerson, Fairborn  
Richard Totman Wolever,  
East Liberty  
Margaret Rene Wrensch,  
Hollywood, Fla.  
Bernd Gerhard Wuersig, Columbus  
Dennis Yee, Barberton  
Michael Alexander Yerian,  
Springfield  
Mark Edward Yerman, Massillon  
Frederick William Zarbaugh,  
Groveport  
Wayne Allen Zipperlen, Columbus  
Paul Matthew Zusky, Jr., Akron

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Two hundred and four candidates

James Robert Ainsworth, Columbus  
Edward George Bailey,  
Porto Alegre, Brazil  
Herman Jackson Bailey, Lima  
Kathleen Dallas Bailey,  
Philadelphia, Pa.  
Alan John Bandura, Beaver Falls, Pa.  
Rebecca Williamson Bates, Columbus  
Diana Marie Bembenek,  
Curundu, Canal Zone, Panama  
Edward Henry Bolte, Jr., Ashtabula  
John Eugene Bower, Columbus  
Neil Raymond Broncaccio, Cleveland  
Jeffrey Lawrence Brown, Poland  
Jennifer Kay Brown, Columbus  
Lawrence Diehl Brown, Columbus  
Steven Kent Brown, Mt. Gilead  
Brenda Susan Buchbinder,  
Flushing, N. Y.  
Brian Lee Buzby, Columbus  
Nicholas John Cardi, Columbus  
Dominic Joseph Cavallo, Columbus  
Lydia Mei Chang, Honolulu, Hawaii  
Richard Allen Christman, Columbus  
Richard Lee Clark, Berne, Ind.  
Robin Kent Clark, Coshocton  
Laura Lee Cleveland, Medina

Orla Ellis Collier, III, Wapakoneta  
 Peter Jude Collier, Mt. Vernon, N. Y.  
 \*Bernard Alan Colloff, Teaneck, N. J.  
 James Patrick Conroy, Bay Village  
 Wendy Phyllis Constad,  
 New York, N. Y.  
 Danny William Corrigan, Woodsfield  
 Karen Louise Corrigan, Columbus  
 Christina Mary Cowan, Columbus  
 Jon Charles Creal, Navarre  
 Dennis Richard Daley, Dayton  
 Tamsen Dalrymple, Mt. Gilead  
 Bradley James Davis, Worthington  
 Thomas Rodman Dawley,  
 Rutherford, N. J.  
 Donna Jeanne Dawson, Dorset  
 John Michael Demkowicz,  
 Reynoldsburg  
 Glen Watson Dicken, Jr., Alliance  
 Mary-Jo Dickman, Dayton  
 Matthew Charles Dodd, Jr., Columbus  
 Dorothy Dolores Drosky, Republic  
 Robert Lloyd Dubbs, Canton  
 William Edward Duff, Parma Heights  
 Suellynn Kay Duffey, Dayton  
 Patrick Michael Dugan, Brecksville  
 Bruce Norman Eberlin, Oregon  
 Susan Mulholland Eckardt, Columbus  
 Susan Edmundson, Ironton  
 John Franklin Edwards, Dayton  
 Robert Elliot Epstein  
 University Heights  
 \*Charles Mark Erdy, Columbus  
 Richard Lee Everett, Salem  
 Kathleen Ann Farmer, Canton  
 Jacqueline Feldman,  
 South Orange, N. J.  
 Susan Ilene Fellenbaum, Cleveland  
 Gary Steven Feuerstein, Beachwood  
 Patricia Ann Field,  
 Fort Lauderdale, Fla.  
 Michael Patrick Pinn,  
 Virginia Beach, Va.  
 Sheila Marie Finneran, Houston, Tex.  
 Margaret Ellen Fisher, Worthington  
 Richard Allen Folt, Akron  
 Clarence Merle Foraker, Kettering  
 Anthony James Forster, Columbus  
 Dale Roland Friedland,  
 Cleveland Heights  
 Susan Lynn Frost, Rawson  
 Jon David Garner, Upper Sandusky  
 Susan Dianne Garner, Columbus  
 Mary Ann Glass, Mansfield  
 Donald Ray Goldberg,  
 University Heights  
 Marsha Marilynn Goulder, Columbus

Susan Marie Gozs, Canton  
 Burleson Grimes, Jr. Christiansburg  
 Donna Hutter Guerin, Columbus  
 F. Mark Gumz, Parma  
 Jack Calvin Guy, Jr., Barberton  
 Robert Atwood Hackler,  
 Marlborough, N. H.  
 Barbara Elizabeth Hamman,  
 Miamisburg  
 Sharon Margaret Hartman,  
 Worthington  
 Audrey Denise Havriliak,  
 Passaic, N. J.  
 David Hazan, Columbus  
 Celeste Heifner, Ada  
 Lawrence Joseph Hofbauer, Oregon  
 Melissa Anne Howe, Sandusky  
 Sue Hutchins, Springfield, Va.  
 Gary Edward Hutchinson,  
 Worthington  
 Dennis Duane Imbody, Marion  
 Philip Joseph Jacobs, Columbus  
 Valerie Elizabeth Jamra, Toledo  
 James David Jeffers, Millersport  
 Michelle Dianne Jessop,  
 Colorado Springs, Colo.  
 Loretta Helen Jezierski,  
 Independence  
 Alan Joel Kaplan, Kingston, N. Y.  
 Stephen Barry Kaplan, Worthington  
 Dennis Owen Kaps, Columbus  
 Roger Jay Katz, University Heights  
 James Bernard Kennedy, Jr.,  
 Columbus  
 Philip Simmons Kenney,  
 New Canaan, Conn.  
 Marlynn Singleton Kerber, Columbus  
 Nancy Diane Kersell, Columbus  
 Paul Thomas Kinnison, Columbus  
 Richard James Kirker, Coshocton  
 Peter Leith Knox, Circleville  
 Susan Lolia Krock, New York, N. Y.  
 Steven Neal Kropf,  
 East Meadow, N. Y.  
 Richard Lee LaBarre, Columbus  
 David Alan Lamantia, Lima  
 Lynne Muser Lambrecht, Cleveland  
 Paul Langman, University Heights  
 Lynda Lee Latham, Worthington  
 Paul James La Valley, Columbus  
 Nila Joy Lawrence, Lima  
 Marilyn Joyce Lawson, Dayton  
 Ernest Vincent Leo, Columbus  
 Blaine Winfred Lilly, Jr., Hilliard  
 Patricia Eileen Linnon, Columbus  
 Rita Tardiff Long, Chillicothe  
 Patrice Koelsch Loose, Worthington

John Daniel Lurie, Canton  
 Carroll William Lutz, Columbus  
 Patricia Lee Lyon, Columbus  
 Julia Mae Marzluf, Columbus  
 Thomas Paul Mautz, Newark  
 Michael Phillip McConnell, Columbus  
 Cecilia Agnes McHenry, Painesville  
 Barbara Jo McKnight, Richwood  
 Helen Ann Meers, Columbus  
 Mary Christine Meinhart, Cincinnati  
 \*Joanne Frances Meisler, Belpre  
 Michele Middleton, Columbus  
 †Sherri Lynn Milkereit, Kettering  
 Kenny Lee Miller, Jackson  
 Nancy Lee Morgan, Wickliffe  
 Rand Lawrence Morrison,  
 University Heights  
 Susan Barnett Murphy, Bellbrook  
 Don Joseph Nigro, Malvern  
 Barry Clifton Nutter, Barre, Vt.  
 Margaret Mary Pacenta, Akron  
 Anne Elizabeth Paczelt,  
 Cleveland Heights  
 Anne Galvi Palestrant, Columbus  
 Terry Lee Parkinson, Columbus  
 Robert James Pastula, Parma  
 Joseph Mark Payha, Erie, Pa.  
 Lawrence Andrew Peterson, Akron  
 Sonjia Maria Piatt, Bellefontaine  
 Ronald Timothy Pollock, Mansfield  
 Scott Richard Pollowitz,  
 North Woodmere, N. Y.  
 Jeffrey Mark Pottish, Cleveland  
 Herma Armstrong Randall, Columbus  
 Donald Robert Rieder, Columbus  
 Carol Murray Roddy, Columbus  
 Gary Curry Rogers, LaFollete, Tenn.  
 James Philip Romano, Cleveland  
 Richard Grant Roy, New Lexington  
 Bruce Harlan Solomon, Beachwood  
 Michael William Savage,  
 East Liverpool  
 \*Mary Ann Schirtzinger, Columbus  
 Shelley N. Schubach,  
 Franklin Square, N. Y.  
 \*Barbara Ellen Schussheim,  
 East Islip, N. Y.  
 Robert Mark Seibert, Webster, N. Y.  
 Timothy Allen Sells, Dublin  
 Linda Susan Serelson, Saginaw, Mich.  
 Rachelle Unger Sherman, Dayton  
 Robert Charles Shiel, Virginia, Minn.  
 John Hanna Sibbison, III, Cleveland  
 \*Walter William Sigg, Wauseon  
 Richard Herbert Simon, Columbus

\* Also Bachelor of Science in Education,  
 College of Education  
 † Also Certificate of Graduate Dental  
 Hygienist, College of Dentistry

†Sharon Lee Singer, Cleveland  
 Mark Wayne Sinkhorn, Columbus  
 Deborah Lynn Slaney, Worthington  
 Charles Edgar Snader, Hamilton  
 Hari Bice Sorrick, Columbus  
 Kenneth Lee Spector, Sandusky  
 Michael William Stanich, Columbus  
 Bruce William Stassfurth, Columbus  
 James Richard Steller, Columbus  
 Peggy Ann Stephens, Glenmont  
 Wendy Diane Stermer, Dayton  
 James Bernard Stewart, Columbus  
 Thomas George Stewart, Marietta  
 Robert Francis Stockhausen,  
 Rocky River  
 George David Stygler, Marysville  
 Richard John Sullivan, Medina  
 Lawrence Lee Sutton,  
 Columbus  
 B.S. (University of Colorado)  
 Jane W. Thomas, Camp Hill, Pa.  
 John Tijanich, Cleveland  
 \*Laurel Hover Trimble, Parma  
 Ben Scott Trotter, Columbus  
 Irwin Larry Udell, Youngstown  
 Robert Alexander Vajda, Columbus  
 Ronald Allen Vent, Upper Sandusky  
 David Eugene Wagner, Columbus  
 Mary Elizabeth Wagner, Dayton  
 Michael B. Weingard,  
 University Heights  
 \*Michael Solomon Weiss, Cleveland  
 Cynthia Ann Welsh, North Lima  
 Barry Bruce Wert, Cincinnati  
 †Sue Ellen Weston, Columbus  
 Robert Joseph Westwood,  
 Louisville, Ky.  
 John Edward Wise, New Philadelphia  
 Nancy Masterson Wyar, Strongsville  
 Carol Wilcoxon Young, Columbus  
 Kenneth Aaron Zak, Cleveland  
 Ruthmary Burg Zak,  
 Bramalea, Ont., Canada

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Ten candidates

Laurel Gay Broida, Columbus  
 Leland Eugene Brown, Middleport

Albert Raymond Defever, Jr.,  
 Grosse Pointe, Mich.  
 B.S. (Wayne State University)  
 John Charles Dell, Jr., Columbus  
 Ving Jick Lee, Columbus  
 Merle Edwin Morrison, Delaware  
 Philip Wells Myers, Copley  
 Joel Marvin Polster,  
 University Heights  
 Barbara Wedemeyer Topps, Columbus  
 Louis Ernest Tosi, Martins Ferry

### Bachelor of Science

Ninety-nine candidates

John Edward Adam, Newark  
 Stephen Howard Arden,  
 Falls Church, Va.  
 Daniel Jay Baxter, Wilmington  
 Ronald William Bidwell, Columbus  
 Glenn Michael Blume, Columbus  
 James Edward Brown, Cincinnati  
 Thomas Otto Buti, Bellaire  
 Sheila Fae Cassady, Hialeah, Fla.  
 Chun Hoi Chan, Columbus  
 Anton Ching-Tung Chin, Columbus  
 James Allyn Cox, Dover  
 Steven Eugene Craun, East Lake  
 James Arthur Dammeyer, Wellington  
 Donna Alice Davis, Cleveland  
 John William Day, Independence  
 Kevin Wayne Dennis, Gallipolis  
 Mary Margaret Ellerbrock,  
 Rocky River  
 Thomas Jerome Falconi,  
 West Jefferson  
 Philip Collins Finn, Amelia  
 Samuel Joseph Folmar, Windham  
 Gary Randall Freidenberg, Columbus  
 David Harold George, Fremont  
 B.A. (Wittenberg University)  
 Jeffrey Bruce Glickman, Lyndhurst  
 Joel Steven Goldhammer, Columbus  
 Kerry Brett Gunn, Newark  
 Howard Earl Harper, Jr., Mentor  
 Thomas Franklin Hixon, Columbus  
 Thomas James Hogan, Columbus  
 Boyd Eugene Holsapple, Springfield  
 Dennis Ray Howdysshell, Amherst  
 John Owen Hoxter, Columbus  
 Donald Ray Hules, Shaker Heights  
 Walter Arthur Hundt, Columbus  
 Michael Lee Hunter, Grove City  
 William Anton Ivancic, Hamilton  
 Jerome Allen Kellner,  
 University Heights  
 Ronald Tengehouw Khouw, Wooster  
 Karen Jane Kinder, St. Clairsville  
 Carl Kotlarchik, Jr., St. Clairsville

Robert James Kuhns, Columbus  
 Richard Arlan Kuseski, Pataskala  
 David Martin Laitinen, Jefferson  
 Marilyn Faye Leubitz, Akron  
 Marinda Pasadena Li, Columbus  
 David Allan Lovelace, Columbus  
 Kenneth Charles Mako, Willoughby  
 Christina Lee McClain, Rocky River  
 Bonita Arline McIntosh, Youngstown  
 Gerald Lee Mercier, Grove City  
 Jayne Ella Minshall, Plain City  
 Thomas Joe Moomaw, Sugarcreek  
 Robert Eugene Moore, Columbus  
 Jeffery Lynn Morehead, Wadsworth  
 Wilson Bowa Mulenga,  
 Lusaka, Zambia, Africa  
 Michael David Musgrave, Tiffin  
 Michael Roger Neds, Columbus  
 Alfred Angus Nickerson, Granville  
 Richard Michael Olimpio,  
 South Plainfield, N. J.  
 Merle Davis Owdom, Solon  
 Charles William Paepke,  
 Oshkosh, Wis.  
 Alan Richard Palo, Columbus  
 Nicholas Alan Pequignot, Arcanum  
 Robert Lewis Peters, Perry  
 Donald Allen Price, Columbus  
 Daniel Ray Province, Lancaster  
 Jon Francis Pugh, Bucyrus  
 Kevin James Quiggle, Canton  
 Kathy Ellen Ratcliff, North Canton  
 Lynn Charles Rathbun, Bryan  
 Gary Michael Rectenwald, Toledo  
 Horace Roberson, Columbus  
 Charles William Rodman, Columbus  
 Donna Sally Rothkopf, Beachwood  
 Michael Lee Roxbury, Stow  
 Robert Allen Sanger, Jr., Troy  
 William Gordon Sell, Columbus  
 James Michael Sensibaugh, Columbus  
 Peter James Sevcik, Cleveland  
 Darlene Sue Shaner, Westerville  
 Carolyn Jane Shaw, Bay Village  
 Lawrence Thomas Shirk, Euclid  
 Jack Anthony Sinnes, Columbus  
 Jeffrey Lee Smith, Columbus  
 Cheryl Fahnestock Smysler, Dayton  
 Jill Ann Spray, St. Marys  
 Gregg Edward Stark,  
 Richmond Heights  
 Albert Dale Still, Columbus  
 Gordon Leigh Sturm, Worthington  
 Joel David Swartz, Toledo  
 Ronald Keith Taylor, Columbus

† Also Certificate of Graduate Dental Hygienist, College of Dentistry  
 \* Also Bachelor of Science in Education, College of Education

Donn Roy Vermilion, Columbus  
 Mary Helen Watson, Barnesville  
 Vernon Charles Watters,  
 Whittier, Calif.  
 Robert Yates Welles, Cincinnati  
 Jack Charles Williams, Sandusky  
 Thomas William Winland, Zanesfield  
 Jeffrey L. Wright, Dublin  
 Neil Arthur Youngman, Columbus  
 Dennis Gordon Zlatkin, Springdale

## College of Social and Behavioral Sciences

Acting Dean: James Martin

### Bachelor of Arts

Three hundred and fifty-five candidates

Aane Aaslaak Aaby, Canton  
 Joseph Charles Abate,  
 Richmond Heights  
 Cloyd Russell Abruzzi, Warren  
 Alfred Paul Agler, Columbus  
 Carl Michael Akers,  
 St. Albans, W. Va.  
 Richard Karl Amstard, Akron  
 Robert John Anderson, Toledo  
 James John Ankowski, Columbus  
 David Louis Ardit, Grove City  
 Bruce Edward Arlinghaus, Cincinnati  
 Kenneth Lewis Armstrong, Jr.,  
 Peebles  
 Joseph Francis Arnold, Rocky River  
 Richard Charles Aude, Lakewood  
 Ted Barnett Babich, Marion  
 Marjorie Watson Bader, Columbus  
 Melinda Jane Bailey, Columbus  
 †Martha Christine Baker, Cincinnati  
 Karen Massa Beardman, Columbus  
 Lance Eugene Beebe, Columbus  
 Pamela Jean Beebe, Columbus  
 Cathy Jo Bernath, Columbus  
 Darlene Sharyn Bianchi, Canton  
 Louise June Bierdeman, Canfield  
 Donald Lester Bisbee, Columbus  
 William David Bisbee, Columbus  
 Justin Mark Blumberg, Toledo  
 Michael Lee Boehm, Columbus  
 Allen R. Bond, Belmont  
 Susan Rowley Booth, Columbus  
 Ara Alan Borazanian, South Euclid  
 Lloyd Val Both, Columbus

‡Ann Marie Bouic, Ostrander  
 Michael Thomas Boye, Westerville  
 James William Bray, Norton  
 †Elizabeth Anne Brenner,  
 Cuyahoga Falls  
 Edwin Howard Breyfogle, Massillon  
 Robert Jeffrey Brick, Wichita, Kan.  
 Dale Vincent Bring, Lorain  
 Roy Joseph Brinkman, Cincinnati  
 William Roland Brittingham, III  
 Jeffersonville  
 Ronald Douglas Brooks, Columbus  
 Robin B. Burrell, Bayside, N. Y.  
 Bradley Shepard Burroughs,  
 Ashtabula  
 Jon Kim Burton, Mansfield  
 David Michael Bush, Wellsville  
 Ronald Evans Cade, Akron  
 Anthony George Callender, Warren  
 Janet Suzanne Camper, Lakewood  
 Joseph Allan Carey, Columbus  
 Ronald Eugene Carter, Columbus  
 James Michael Cavanaugh, Columbus  
 William Michael Caygill, Cambridge  
 Barbara Nadine Chaddick,  
 Glen Cove, N. Y.  
 Sanford Lee Chertock, St. Louis, Mo.  
 Kenneth Warren Christman,  
 Mansfield  
 Gerald Vincent Cieslinski, Arnold, Pa.  
 Mark Covington Clark,  
 Cuyahoga Falls  
 Stuart Bennett Cohen,  
 Cleveland Heights  
 Suzanne Cohen, New York, N. Y.  
 Richard DeAtlee Colby, Columbus  
 Mary Joanne Cullen Coleman,  
 Columbus  
 Robert Louis Commerson, Jr.,  
 Fairview Park  
 Ilana Carol Cone, Beachwood  
 Martin Earl Conrad, Worthington  
 David Lawrence Cook, Columbus  
 Thomas Robert Copley, Fostoria  
 Ronald Richard Craft, Hamilton  
 Gerald Lee Crews, Hamilton  
 Harold William Critchlow, III,  
 Dellroy  
 Mary Ellen Durkin Critchlow,  
 Wadsworth  
 Roger Allen Danchise, Youngstown  
 Denise Lorraine Darling, Dayton  
 John Thomas Davis, Minerva  
 Stephen Craig Dawson, Columbus  
 Randy David Deering, Elm Grove  
 James Anthony Deery, Elyria  
 Kathleen Coe DeMeter, Columbus  
 Robert Francis DeMeter, Columbus

Thomas Edward Denune, Columbus  
 Frederick Joseph Diamond,  
 Syosset, N. Y.  
 Maria Celia DiBenedetto,  
 Providence, R. I.  
 James Thomas Dill, Groveport  
 Stephen Alan Dolgin, Toledo  
 James Robert Dominique, Archbold  
 Richard Michael Donelan,  
 North Olmsted  
 Philip Eldon Donner, Columbus  
 Daryl Dane Donohue, Mansfield  
 Edna Jean DuBose, Cincinnati  
 Neil Ryan DuFore, Jr., Ironton  
 Christopher Arthur Dunkel, Canton  
 Louis Alan Duques,  
 Marblehead, Mass.  
 Charles Weaver Duy, Mansfield  
 Michael Page Dye, Shiloh,  
 Beth DeMar Earnhart,  
 McConnelsville  
 Paul Peter Eberhart, Cuyahoga Falls  
 Beatrice Dora Edelstein,  
 Newark, N. J.  
 Eric Leo Eisenstein, Moberly, Mo.  
 Paul Arthur Elbert, Cleveland  
 Cynthia Sue Ellison, Columbus  
 Mary Helene Emurian, Arlington, Va.  
 Richard James Endres,  
 Huntington, Pa.  
 Patrick Joseph Evans, Columbus  
 Dennis Joseph Fallang, Dayton  
 Janie Marie Fallon, Columbus  
 Noe Enrique Marin Farfan, Columbus  
 Ray Alan Farris, Dayton  
 Sherry Lee Fenton, Xenia  
 Sanford Norman Fish, Youngstown  
 John David Fleischhauer, Columbus  
 Jared Steven Florian, Cleveland  
 Lynn Irene Forni, Toledo  
 Sheila Storts Fujii, Powell  
 Ava Lee Garrett, Bayside, N. Y.  
 †Linda Gayle Gibbons,  
 San Antonio, Tex.  
 Richard Louis Gilbert, Columbus  
 William Sam Gimán, Oak Park, Mich.  
 Robert Gordon Glass, North Canton  
 Ross Bennett Glickman, Elyria  
 Ronald Adams Glover, Westerville  
 Michael Richard Gluck, Cleveland  
 Alan Joseph Goga, Akron  
 Helen King Goga, Blanchester  
 †Marilyn Rae Gold, Dayton

† Also Certificate of Graduate Dental Hygienist, College of Dentistry  
 \* Also Bachelor of Science in Education, College of Education

Barry Stuart Goldberg,  
West Orange, N. J.

Steven Lee Goldberg, Chicago, Ill.

Cynthia Sue Grady, Madison, Wis.

Douglas Frederick Graff, Lyndhurst

Linda Sylvia Gray, Berea

Michael Anthony Greiner, Columbus

John Harold Groth, Upper Sandusky

Bonnie Lynn Gurian, Columbus

Steven Gregory Hale, Dayton

Mary Lynn Hall, Cleveland

Gordon Douglas Halley, Sandusky

John Lee Haney, Jr., Delaware

Michael Leonard Hardy, III,  
Lexington

David Lee Harnett, Columbus

James David Harris, Clifton

Ronald James Hawthorne,  
Bay Village

John Carl Hedges, Jr., Dayton

Lois Kathy Herre, Marysville

Kenneth Michael Hiudt, Cincinnati

Charles Holderman, New Lebanon

Joanne Frances Holland, Columbus

William Randolph Homick,  
Stuebenville

Gregory Wayne Hootman, Piqua

Deborah Letts Hoover, Middletown

Stephen Michael Horn, Hilliard

Gail Lynn Horvath, Mansfield

John Corbett Hosler, Columbus

William Reymann Hubbard, Columbus

Joseph Patrick Huber,  
Ventnor, City, N. J.

John Royce Hull, Jr., Bay Village

Peter Mostyn Hummel, Columbus

Pamela Russell Hunt, Columbus

Phillip Wayne Hurd, Worthington

Evelyn Joan Jacob, Cincinnati

Mark Andrew Jacob, Edison, N. J.

Lesley Eileen Jones, Columbus

Steve Howard Jordan, Brookville

Philip Alan Kaiser,  
North Woodmere, N. Y.

Paula Sue Kaplan, Cincinnati

Larry Allan Karns, Carrollton

Mark Harry Karns, Monclova

Jerry Alan Kaufman,  
Cleveland Heights

Michael Jay Kaufman, Akron

Jack James Kigerl, Bellaire

Steven Duane Kindle, Ada

Douglas Leonard Klear,  
Plantation, Fla.

Stephen Pearce Kling, Glenarm, Md.

Kenneth Lee Knowlton, Columbus

\* Deborah Ann Kohn,  
Mayfield Heights

James Howard Koplik,  
New Rochelle, N. Y.

Dan Eleser Korenberg, Columbus

David Charles Kovanda,  
Cleveland Heights

James Harry Kraemer, Cincinnati

Harvee Kay Kranz, Youngstown

Edith Evelyn Kroo, Hyattsville, Md.

LeRoy Marshall Kutz, Columbus

Carol Landy, North Woodmere, N. Y.

Ronald Azo Lauderdale, Columbus

Robert Ingram Law, Utica

Robert Earl Lee, Columbus

Andrew Martin Leinoff,  
Paterson, N. J.

Murray Ira Leipzig, Clark, N. J.

James Frederick LeSar, Columbus

Darlene Marianne Levandosky,  
Seven Hills

Lawrence Mark Levin, Toledo

Gary Howard Levine,  
University Heights

Judith Ann Levine, Margate, N. J.

Allen Stewart Levy, South Euclid

Joy Susan Levy,  
Long Beach, N. Y.

Suzanne Lime, Ashland

Samuel Marshall Lincoln, Marietta

Patrick Michael Louthen, Columbus

James Jerry Lukes, Rock Creek

Howard Gary Lynn, Dayton

Daniel Richard Lytle, Columbus

Michael Larry Macknin  
Mayfield Heights

David Ralph Mandel,  
Cleveland Heights

Mark Albert Marchi, Columbus

Richard Evan Marti, Wooster

Cheri Norene Mason, Columbus

Mark Ronald Masser, Columbus

Jeanne Sims Mayer, Columbus

Peggy Ann Mazur, New York, N. Y.

John Myles McCarthy, Jr., Solon

Edwin Perry McClain, Columbus

James Patrick McCormick,  
Cincinnati

† Ann Elizabeth McCoy, Columbus

Ann Marie McFadden, Norwalk

Mary Jane McFadden, Columbus

Henry Meyer, Cleveland Heights

John Paul Migliaccio,  
Uniondale, N. Y.

John Arthur Mikkila, Fairview Park

Patricia Moye Miller, Columbus

Bert Alexander Millikin, Columbus

Alan Jeffrey Mintz, Cleveland

Cheryl Ann Mitchell, Strongsville

Michael Craig Modansky,  
East Meadow, N. Y.

Lawrence Stephen Monsman, Euclid

Ernestine Montgomery, Cleveland

George Thomas Moore, Gahanna

Timothy Paul Nagy, Elyria

John Vincent Nardone,  
North Bergen, N. J.

Mark Andrew Nargiso,  
Danbury, Conn.

David Owen Nason, Sidney

Dorothy Ann Naylor, Columbus

William Bradley Nielsen, Cincinnati

† Sandra Louise Norris, Euclid

Gregory Dean O'Brien, Columbus

Alfred Joseph Oliver, Columbus

Raymond Nicholas O'Loughlin,  
Cleveland

Helen Marie O'Neil, Akron

Maurine Louise Outcalt, Columbus

Gary Drucker Palestant, Columbus

John Joseph Papa, Columbus

David Bradley Pariser, Columbus

Ellen Catherine Patterson,  
Cambridge

Harold James Pendergrass, Columbus

Larry Ray Perdue, Belpre

Kenneth Lee Perrin, Dayton

Linda Pierce Petersen, Columbus

Donald William Pever, Wharton

Danny Phelps, Columbus

Susan Procker Piatt, Columbus

Patrick Edward Piccenti, Columbus

Alan Reed Place, Elmira, N. Y.

Glen Michael Poling, Van Wert

Herbert Frank Primosch, Jr.,  
Columbus

Deborah Ayn Pritchard,  
Huntington, W. Va.

John Howe Pritchett, Columbus

William Milton Pruiett, Cincinnati

Ruth Ellen Purdy, Windham

Ella Lou Ramsey, Glen Ellyn, Ill.

Cassandra Elizabeth Raser,  
Youngstown

Jerrold Lynn Rhoton, Delaware

Paul Frank Ricciardo, Orange Village

George Theodore Rich, Bellefontaine

James Stephen Richardson,  
Parma Heights

John Vinson Richardson, Jr.,  
Columbus

Vicki Durnford Rishbarger,  
Cincinnati

Alan Weir Roberts, Lyndhurst

Cynthia Marie Rogo, Brecksville

Charles David Romano,  
Syracuse, N. Y.

\* Also Bachelor of Science in Education,  
College of Education

† Also Certificate of Graduate Dental  
Hygienist, College of Dentistry

James Manly Rosel, Columbus  
 Joseph I. Rosen, East Meadow, N. Y.  
 †Christine Robertson Routh, Norwalk  
 Charles Robert Row, Columbus  
 Jill Marie Rufo, Lorain  
 Sherman Ryan, Columbus  
 Bonita Steckel Ryck, Columbus  
 Nancy Jean Sage, Chicago, Ill.  
 Jean Isabel Sanders, Columbus  
 Stephen Randolph Saunders,  
 Columbus  
 Elliott Harry Schaffer,  
 Shaker Heights  
 Robert Fredrick Schmidt, Mt. Vernon  
 Charles Howard Schottenstein,  
 Columbus  
 Lawrence Brown Schraeger,  
 Glencoe, Ill.  
 Mary Beth Schumacher,  
 Amarillo, Tex.  
 Judy Ann Schwebel, Youngstown  
 Charles Varley Schwenker, Columbus  
 John Charles Sebenoler,  
 Upper Sandusky  
 Ronald William Seymour, Hebron  
 Michael Alan Shapiro, Cleveland  
 Lloyd Hall Sheep, Jr., Marietta  
 Timothy John Sheeran, Cincinnati  
 Susan Celestia Shepard, Columbus  
 Eugene Francis Shiller, Cleveland  
 Donna Lynne Shivelhood, Vandalia  
 Caryn Fuller Shoemaker, Minford  
 Gregory Monroe Shreve,  
 Hilton Head Is., S. C.  
 Lawrence E. Silver, Belleville, N. J.  
 Margaret Lynn Simpson,  
 Worthington  
 Robert William Slezak,  
 Broadview Heights  
 Robert Gregory Smith, Columbus  
 Joseph Eugene Snavelly, Mansfield  
 Michael James Snoddy, Columbus  
 Robert David Snyder, Youngstown  
 \*Robert Wolf Solomon, Columbus  
 Henry Allen Spain, Miami, Fla.  
 Michael Charles Spath,  
 Biddeford, Me.  
 Robert Emmett Spittler,  
 Bowling Green  
 John Joseph Sposato, Syracuse, N. Y.  
 Gregory Donald Stemen, Worthington  
 \*Mark Oliver Stevens, Poland  
 Sue Wright Stroefel, Columbus  
 Dale Edward Stylinski  
 Garfield Heights  
 David Allan Sweet, Kenton  
 Cathryn Ann Symes, Canton  
 Michael John Thomas,  
 Sun Prairie, Wis.

John Eric Thompson, Utica  
 Cheryl Lynn Thorpe, Centerburg  
 Arthur Lewis Tobergte, Jr.,  
 Mansfield  
 David Tobin, East Liverpool  
 Jeffery Allen Topps, Paramus, N. J.  
 Helen Sophia Tornik, Columbus  
 Peter Frank Tortoricci, Syosset, N. Y.  
 Alan Jay Treinish, South Euclid  
 Susan Moriarty Trombly, Doylestown  
 Steven Donald Turcus, Columbus  
 Donald Lee Tussing, Baltimore  
 \*James Edwin VanFossen, Columbus  
 Charles Joseph Vargo, Toledo  
 Douglas Mende Waldo, Columbus  
 Barry Alan Waller, Bratenahl  
 James Lawrence Warden, Columbus  
 Gene Lawrence Warman, Newark  
 Graydon Douglas Webb, Portsmouth  
 Mark Douglas Weber, Parma Heights  
 David Conrad Weidig, Columbus  
 Paul Joseph Weinberg,  
 Huntington, N. Y.  
 Dennis Craig Weisert, Columbus  
 Mary Virginia Thomson Wendell,  
 Columbus  
 Elaine Marie White, Columbus  
 Jan Andre White, Harrisburg, Pa.  
 Alan Vernon Wieder, Cleveland  
 Charles Lewis Wien, Cleveland  
 Marcia Leslie Wiener,  
 East Meadow, N. Y.  
 Michael Jeffrey Wiess, Columbus  
 \*Teresa Jean Wilkin, Lynchburg  
 Timothy Robert Will, Dayton  
 Jane Kay Williams, Columbus  
 Thomas Williams, Columbus  
 Jack Allen Williamson, Plain City  
 Joseph Henry Willis, Worthington  
 Christine Ann Wilman, Mansfield  
 Douglas Skiles Wilson, Worthington  
 Lawrence Edward Winkfield,  
 Jersey City, N. J.  
 Kristin Woideck, Brecksville  
 Honora Lee Wolfe, Dayton  
 Armat Grant Woode, Cincinnati  
 Beverly Dawn Worley, Columbus  
 Steven Dwight Yoder,  
 Temple City, Calif.  
 Irene Barbara Zinner,  
 Whitestone, N. Y.

#### Bachelor of Science

Seventy-three candidates

Ronald Lee Ammon, Lima  
 Kurt Vernon Anderson, Cincinnati  
 Robert Lee Baltzer, Dayton

William Edward Barratt, II  
 Painesville  
 Gary Lynn Barringer, East Liverpool  
 Richard Berger, Columbus  
 Bryan Richard Blackwell, Columbus  
 Mary Ann Bolstridge,  
 Wheeler AFB, Hawaii  
 Michael Rowland Bond,  
 Libertyville, Ill.  
 Harriet Kathryn Boyce, Kirtland  
 Sherry Lynn Browning, Columbus  
 Steven Wayne Browning, Columbus  
 Albert Neuman Buxbaum  
 Shaker Heights  
 Robert Michael Case, Cleveland  
 Ronald Lee Celnar, Heath  
 Deborah Antoinette Chitwood,  
 Sylvania  
 Thomas Herbert Criqui, Toledo  
 Lawrence Earl Cunningham,  
 Columbus  
 Thomas Michael Dafnos, Dayton  
 John Francis Dietrich,  
 Valley Stream, N. Y.  
 Louise Ann Douce,  
 Washington Court House  
 Thomas Edward Duryea, Wellington  
 Paul Michael Egleston, Portsmouth  
 John Newton Ely, Kettering  
 John Stephen Fawcett, Westerville  
 Marguerite Elizabeth Ferrazzano,  
 Columbus  
 Thomas Reynolds Foster, Venetia, Pa.  
 Jerrold Marc Frankel, Toledo  
 Jerry Alan Friemoth, Ottoville  
 Jerome Martin Gotthardt, Lima  
 Linda Kay Graham, New Carlisle  
 Michael Alan Greenwald,  
 South Euclid  
 John Peter Guili, Gahanna  
 Mark Alan Holm, St. Charles, Ill.  
 David Lee Honeyman, Dayton  
 Danny Clyde Jones, Columbus  
 John Edward Jones II, Granville  
 Robert David Kahl, Wislip, N. Y.  
 Marcia Ann Keener, Marion  
 Donald Ray Kirk, Newark  
 Robert Joseph Kohan, North Olmsted  
 Arlene Rich Komerofsky, Columbus  
 Robert Alan Kooris, Wyoming  
 William Stanley Lisle, Columbus  
 Thomas Leonard Marvin, Ravenna  
 Diane Crisler Moller, Columbus  
 John Walter Moore, Greenville  
 Thomas Lee Morgan, Columbus  
 Michael Alan Neuendorff, Toledo

† Also Certificate of Graduate Dental Hygienist, College of Dentistry  
 \* Also Bachelor of Science in Education, College of Education

## College of Administrative Science

Dean: James R. McCoy

John Edward Nicholson, Lima  
Joseph Edward Nieberding, Dayton  
Gary Lee Postlethwait, New Albany  
Marcia Marie Richardson, Cincinnati  
Melinda Mayhew Righter, Columbus  
Cheryl Lynn Ryland, Columbus  
Brett Mark Sabroff, Canton  
Susan Schlesinger, New York, N. Y.  
James Charles Schwartz, Parma  
LuAnne Koenig Shelby, Columbus  
Howard Silbert, Bronx, N. Y.  
Robert Thomas Stamile,  
Valley Stream, N. Y.  
Carol Lee Steinberg, Dewitt, N. Y.  
Peter Germain Tolan, Novelty  
David Arthur Tupa, Fairview Park  
Jack Lee Waggoner, Cleveland  
Linda Lee Walker, Galloway  
William Edward Wallace, Columbus  
Ralph Cletus Wappelhorst, Columbus  
Vada Welch, Springfield  
Peter Clifford Welsh, East Lake  
Charles Clayton Whistler, III, Dayton  
Randall Dean Williams, Heath  
David Nathan Zahm, Toledo

### Bachelor of Arts in Journalism

Forty-five candidates

Mary Irene Beschenbossel,  
Alexandria, Va.  
Karen Sue Brown, Columbus  
Larry Loring Burriss, Waverly  
Ruth Carpenter Butler, Findlay  
Robert James Caldwell, Columbus  
Marcia Kay Christensen, Collins  
Melanie Menrath Croker, Columbus  
Robert Richard Cunningham,  
East Liverpool  
Brian Kenneth Dill, Springfield  
Linda Hershey Donahoe, Utica  
Robert Joseph Drumheller,  
Canal Winchester  
James Robert Eggert, Akron  
Bruce Charles Frank, Columbus  
David Bil Fuller, Albany, Ga.  
Barbara Lynn Gordon, Beachwood  
Sandra Jayne Haeger, Cincinnati  
James Earl Heath, Bellefontaine  
Gregory Hoffman, Columbus  
Barbara Ann Jackson, East Liverpool  
Jon Lowry Kindberg, Columbus  
Robert Stewart Kinney, Toledo  
Barbara Sue Koprivier, Columbus  
John Russell Lee, Lima  
William Joseph Lucas, Columbus  
Patricia Ann Mahoney, Columbus

Margaret Theresa McClure,  
North Royalton  
Leanne McLaughlin, Columbus  
Robert Ewell Miles, Pittsburgh, Pa.  
Milton Leslie Miller, Celina  
Melinda May Newell, Sandusky  
Douglas Palmer Newton,  
Cleveland Heights  
Martha Theresa Orr, Pittsburgh, Pa.  
Charlotte Gibb Sabino, Columbus  
Ronald Eugene Sherwood, Newark  
Susan Rene Shifres, Cincinnati  
Steven Layton Sidlo, Columbus  
Richard Wilbert Simmons, Columbus  
Jay Ridgely Smith, Cincinnati  
Les Andrew Somogyi, Cleveland  
Ralph Edward Stupka, Columbus  
Denton Lee Sullivan, Lima  
Joanne Renee Sutton, Cleveland  
Maureen Carol Tuttle, Columbus  
Ernst Lee Wehausen, Columbus  
Mark Eric Wiess, Columbus

### Bachelor of Science in Business Administration

Three hundred candidates

Donald Richard Abrams,  
Woodmere, N. Y.  
Jay Donald Abramson, Orlando, Fla.  
Norman Ellis Adams, Pataskala  
Chris Thomas Allen, Seville  
Gary Lee Armstrong, Shelby  
Erick James Askerberg, Jr.,  
Atlanta, Ga.  
Bob James Baker, Kailua, Hawaii  
Robert Brainard Barnett, Jr.,  
Fairview Park  
Nancy Anne Bassett, Lima  
James Alan Bates, Tonawanda, N. Y.  
Paul Robert Beach, Dayton  
Frank Carl Bellino, Youngstown  
Paula Louise Bennett, Windham  
Joel David Bentz, Fostoria  
Ann Vollrath Bigelow, Marysville  
Roger Lee Bigelow, Marysville  
Robert William Binns, Columbus  
Randall Jay Blair, Ironton  
Lawrence Allan Blazar, Columbus  
Gordon Berdette Booze, Fredericktown  
Mark Stephen Borden,  
Cleveland Heights  
John William Bottorff, Xenia  
James Frank Brado, Lexington  
Susan Diane Brauman,  
New York, N. Y.  
Kenneth Harold Breese,  
New Lexington  
Mark Laurent Brosch, Parma Heights  
Theresa Louise Bruck, Dayton  
John William Bruggeman, Oregon  
Lawrence Barch Brundrett, Troy  
Daniel Thomas Burkhart, Woodsfield  
Willard Launcelot Burson, Butler  
George Billy Burton, Crooksville  
Christine Marie Calamari,  
Edison, N. J.  
William James Cameron, Bedford  
David Warden Carpenter,  
Chester, W. Va.  
Michael David Carr, Grove City  
Roger Dean Carter, Gallipolis  
Ronald Kehler Caruso,  
Cleveland Heights  
Laurence Hoffman Carver, Cleveland  
Robert Bruce Certner, Bayonne, N. J.  
David Alan Cheney, Lima  
Michael Louis Ciminello, Columbus  
Edward Ray Claggett, Xenia  
Randy Wayne Clemens, Latty  
Owen Brannon Cohagan,  
Westlake Village, Calif.

Robert Graham Coleman, Ashland  
 John Paul Collins, Cincinnati  
 Anthony Michael Condo, Jr.,  
 Columbus  
 John Allan Conkle, Toledo  
 Gary Allen Cooper, Defiance  
 Christopher Roberts Corson,  
 Shaker Heights  
 Gordon Bruce Courts, Bethel  
 James John Csaszar, Columbus  
 James Richard Cummings, Wellston  
 Everett Paul Davis, Jr., Delaware  
 Jeffrey Wayne Dawson, Shelby  
 Thomas Richard Daye, Columbus  
 Ronald Emory Dean, Columbus  
 Maurice Avrum Dembsky,  
 Nashville, Tenn.  
 Paul Edward DeVore, Cincinnati  
 Paul Dominic DiBlasi, Columbus  
 Robert Michael Dodson, Columbus  
 John Paul Donovan, Cincinnati  
 William Leslie Dove, Newark  
 Dennis Kevin Driscoll,  
 Chappaqua, N.Y.  
 Donald Lee Dunn, Oxnard, Calif.  
 Samuel Richard Edelman, Lima  
 Gary Wayne Edgell, Columbus  
 Ronald Keith Edwards, Dayton  
 Mark Walter Eichstaedt,  
 Chagrin Falls  
 Sylvan Lee Eidelman, Youngstown  
 John Joseph Elder, Columbus  
 Robert William Elling, Centerville  
 John Frederick Evans, Tipp City  
 John Steven Evans, Bloomingburg  
 Joseph Anthony Fatuzzo,  
 Riverdale, N.J.  
 Larry Thomas Fedor, Conneaut  
 Richard David Feld, Mansfield  
 Michael Holman Finneran,  
 Santa Clara, Calif.  
 Cindy Ann Fischer, Freeport, N. Y.  
 Robert Beeman Fish, II, Norwalk  
 Eddie Dean Forshey, Caldwell  
 Melvin Charles Fritz, Bucyrus  
 Bruce Edgar Fuhrman, Lima  
 George Elmer Geissbuhler, Lyndhurst  
 Philip Michael Georgenson,  
 Worthington  
 William Martin Gerrick, III,  
 Wakeman  
 John Slagie Gilbreath, Columbus  
 David Irl Ginsburg, South Euclid  
 Richard Mayer Glaser,  
 University Heights  
 John Anthony Gorczyca, Columbus  
 Marvin Leander Gray, Troy  
 Charles Bernard Grebus, Groveport  
 Walter James Griffith, Girard  
 Ralph Edward Griggs, Loveland

Paul Raymond Gross,  
 University Heights  
 Donald Kirk Groves, Caldwell  
 Allen Carl Hall, St. Marys  
 Michael Harrison Hallarn, Columbus  
 Dennis Clarence Hamblin, Lexington  
 S. Eric Hamill, East Meadow, N. Y.  
 Dale Jay Hample, Dayton  
 John Robert Hansley, Logan  
 David Richard Happ, Westbury, N. Y.  
 Karen Anne Harrington, Lima  
 Douglas Martin Hartman, Marion  
 Thomas Blaine Haskins,  
 West Jefferson  
 John Anthony Hayek, Seven Hills  
 William Michael Hayward, Columbus  
 Robert Anderson Heise, Columbus  
 Michael Craig Herr, Columbus Grove  
 Brian Richard Hershey, Mansfield  
 Robert Leslie Himmel,  
 Cleveland Heights  
 David Barry Hochman, Cleveland  
 Deborah Lynn Hoffman,  
 University Heights  
 Carl David Hoy, Canal Winchester  
 Richard L. Huffer, Canton  
 Forest Ray Hupp, Jr., Newark  
 Deborah Sue Hykes, Coshocton  
 Frank Charles Hyrmer, Walton Hills  
 Gary John Jablonski, Brecksville  
 William Raymond Jerzumbek,  
 South Euclid  
 Jeffrey Laylin Johnson, Columbus  
 Stephen Louis Johnson, Marion  
 Tad Lawrence Jones, Huron  
 Timothy Edward Kairis,  
 Beaver Falls, Pa.  
 William Leonard Kale, Columbus  
 Mark Leslie Kander, Toledo  
 Joseph Michael Kaspar, Port Clinton  
 Douglas Bruce Keadey, Columbus  
 John William Keeling, Columbus  
 Richard Daniel Keene, Columbus  
 David Willard Keith, Smithville  
 John Wayne Kelly, Columbia Station  
 David Kempert, Euclid  
 David Alan Kershaw, Kirtland  
 Hal Ross Kessler, Skokie, Ill.  
 Gerald Lee King, Columbus  
 Douglas Charles Knisely, Columbiana  
 Kenneth Allen Koch,  
 Brooklyn Heights  
 Kerry Lee Kohler, Elyria  
 Arnold Michael Kohn, Shaker Heights  
 Morton Dennis Kraemer,  
 Teaneck, N. J.  
 David Krauss, East Williston, N. Y.  
 Amy Katherine Kuhn, Germantown

Michael Stuart Kuhr, Dayton  
 Donald William LaJevic,  
 Finleyville, Pa.  
 B.S.Ed. (California State College,  
 Pennsylvania)  
 Joseph Edward Lawless, Columbus  
 Mac Edward Lazar, Logan, W. Va.  
 William Richard Lehto, Warren  
 Gerard Thomas Lennon, Jr., Columbus  
 Patrick Shane Lerch, Canton  
 Kenneth James Levy, Shaker Heights  
 Richard John Lichtkoppler,  
 Mt. Healthy  
 George Victor Limbert, Dayton  
 Donald Gene Linehan, Lorton, Va.  
 Woodson David Lipps, Germantown  
 Wayne Richard Long, Columbus  
 Angus Robert Love, Wynnewood, Pa.  
 John Joseph Lowry, Columbus  
 David Alan Lyle, Youngstown  
 Ronald Joseph Maciejowski, Bedford  
 William Harold Mackensen, Columbus  
 Larry Lynn Main, Ashley  
 Terry Wayne Malone, Ironton  
 Robert James Maloy, Galion  
 Philip Martin Manogg, Lakewood  
 Ronald Paul Marinko, Cleveland  
 David Allen Marker, Mansfield  
 John Edward Markham, Columbus  
 James Steven Massie, Portsmouth  
 Robert Eugene Mathews, Jr., Warren  
 George Otis Mathewson, Toledo  
 Lawrence Evan May, Teaneck, N. J.  
 James Michael McCarty, Fairborn  
 Michael Allen McKee, Cincinnati  
 Leo Edward McNeil, Jr., McLean, Va.  
 Philip Vaughn Metzler, Zanesville  
 Robert Paul Meyer, Jr., Columbus  
 Charles Rautze Mihalic, Jr.,  
 Kingsville  
 Cynthia Cook Miller, Columbus  
 Michael Louis Miller, Cincinnati  
 Ralph Charles Miller, III,  
 Pittsburgh, Pa.  
 Thomas Miller, Steubenville  
 Richard George Minichbauer, Parma  
 Robert Kenneth Minichbauer, Parma  
 Barry Jay Minoff, Beachwood  
 Larry G. Moore, Columbus  
 Terry Lee Moore, Columbus  
 Gary Edward Morin, Columbus  
 Robert Lee Morris, Canton  
 Jeffrey Alan Mowers, Mansfield  
 John Michael Mozola, Rocky River  
 Kurt Lawrence Mueller, Shelby  
 Donald Paul Muenz, St. Louis, Mo.  
 Thomas Michael Nash, Vandalia  
 Charles Patrick Neeson, Bay Village  
 Jan Stuart Neiman,  
 South Orange, N. J.

John Henry Nettgen,  
Columbia Station  
Earnest Otto Neumann,  
Columbus  
Douglas Marsh Newton,  
Cherry Hill, N.J.  
Dennis Richard Obenauf,  
Berlin Center  
Patrick Joseph O'Kane, Columbus  
Mario Rene Padilla, Columbus  
Aldo Thomas Paoletti, Columbus  
Eugene Thomas Pashuck,  
Woodstown, N. J.  
Daniel Charles Paxton, Caldwell  
Sandra Lee Peed, Laura  
Henry Theodore Phillips, III,  
Columbus  
Robert Bryant Phillips, Youngstown  
Richard Moresi Pinter, Lorain  
Francis Patrick Ploetz, Willowick  
William Poplar, Lorain  
Louis Edward Posner, Columbus  
Peter Thomas Prescottano,  
Roslyn, N. Y.  
Joyce Noel Presgrave, Rochester, N.Y.  
Gary Lee Price, Spring Valley, N. Y.  
Ronald Franklin Reinke,  
Columbia Station  
James William Reker,  
Mayfield Heights  
Earl Patrick Rhodes, Columbus  
Paul Smith Richards, Ithaca, N. Y.  
Robert Michael Riell, Forest Park  
Ralph Edward Ritter, Parma  
Joseph Chapin Rockwell, Barberton  
Richard Walter Roedel, Clifton, N. J.  
Thomas Edward Rose, Jr., Westerville  
Judith Marsha Roselman,  
Liberty, N. Y.  
David Alan Ross, Cleveland  
James Barry Ross, Hewlett, N. Y.  
Michael Frederick Ross, Columbus  
Jerry Lee Rudisill, Westerville  
Ronald Walter Ruedelee, Worthington,  
B.M.E.  
Diane Lee Russell, Columbus  
Raul Albert Ruz, Merida, Mexico  
Steven Dean Ruzicka, Columbus  
Charles Michael Sabino, Columbus  
Gerald William Sager, Ottawa  
Dale William Schiming, Parma  
Glenn Keith Schneider, North Canton  
Larry William Scholik, Lore City  
Gerard Philip Schroeck, Marion  
Joseph Vincent Schweitzer, Cincinnati  
John Stephen Seich, Cleveland  
Michael Dennis Settlemyre, Lima

Stephen Craig Shaneman, Lima  
Gordon Robb Shick, Cincinnati  
Charles Kenneth Shoemaker,  
Columbus  
Elliott Jay Silverman,  
Philadelphia, Pa.  
Kenneth Simon, Cleveland  
Bruce Randall Smith, Gallipolis  
Robert Wayne Smitley, Mansfield  
Donald Marc Sniderman, Youngstown  
Mathew Harry Snodgrass,  
Blanchester  
Rodger Paul Soeldner, Glen Ellyn, Ill.  
Claude Arthur Sommers, Medina  
Ronald Dean Sosenko, Salem  
Roger Elmore Spreen, Jr., Sidney  
Kenneth Robert Spreng, Loudonville  
Stephen James Stanford, Toledo  
Kenneth Joseph Stoffer, Poland  
David Bruce Stokes, Heath  
Lawrence Bayan Stubblefield,  
Kailua, Hawaii  
Mark Ian Supman, Kingsport, Tenn.  
Henry Susak, Cleveland Heights  
Robert Sayers Suter, Columbus  
James Louis Swanson, Columbus  
Kenneth Joseph Tabacca, Warren  
Elmer Mark Taber, North Hampton  
Harry Noel Taylor, South Point  
Douglas Lee Tellinghuisen, Columbus  
John Lee Tester, Hazel Green, Ky.  
Curtis Dean Thorkelson,  
Raymond, Minn.  
Alan Robert Travaglianti, Brecksville  
Steven Allan Trittle, Camillus, N. Y.  
Albert Ross Trombetti, Steubenville  
Larry Allen Umbel, Columbus  
James Louis Varga, Shaker Heights  
Paul Erwin Veit, Gahanna  
John Harmon Vocke, IV, Toledo  
Wilbur Wayne Walvoord, Jr., Sabina  
Paul Frederick Warren, Portsmouth  
Robert Warren, Jr., Fairview Park  
Jerry Thomas Weakley, Newark  
Michael Craig Weichmann, Lucasville  
Jay Sandford Weiss, Dewitt, N. Y.  
Thomas Anthony Wellinghoff,  
Cincinnati  
Douglas Dwight Wells, Fairfield  
James Robert West, Canton  
John Paul White, Granville  
Alice Lenora Williams, Dunbar, W. Va.  
John Robert Wilson, Massillon  
Thomas Edward Winning,  
Germantown  
Robert George Wise, Columbus  
Michael Paul Wonderly, Erie, Pa.  
Larry Nelson Woodford, Barberton

William Francis Wourms, Dayton  
Robert Lee Young, Edon  
Lawrence Elliot Zelman,  
Great Neck, N. Y.  
Robert Carl Zimmerman, Columbus  
Stephen Richard Zoog, Columbus

## School of Social Work

### Bachelor of Science in Social Welfare

One hundred and thirty-eight candidates

Pamela Sue Aab, Lima  
Patricia Dell Allee, Cuyahoga Falls  
Marsha Louise Alter, Youngstown  
Dennis Douglas Angwin, Akron  
Joan Agnes Arbogast, Bridgeport  
Richard Eugene Ayers, Mansfield  
Susan Kay Ayers, Chagrin Falls  
Rochelle Joy Bagan, Chicago, Ill.  
Marilyn Rita Bassett,  
Long Branch, N. J.  
Marla Hope Beck, Allentown, Pa.  
Cecily Eileen Beeler, Columbus  
Michael Alan Bethel, Chillicothe  
Diane Marie Birk, Levittown, Pa.  
Gary Dwight Bishop, Sarasota, Fla.  
Beth Broidy Black, Columbus  
John Daniel Black, Toledo  
Michael Bloom, Cleveland  
Beverly Gordon Buckland, Xenia  
Julie Ann Buttress, Columbus  
John Hadden Callard, Columbus  
Marilyn Cantisano, Rochester, N. Y.  
Patrick Joseph Ciliberto, Wickliffe  
Judith Kay Clapsaddle, Naples, Fla.  
Richard David Cohen, Canton  
Shelley Ann Conley, Kettering  
Donna Flaxman Crasper,  
Springfield, N. J.  
Deborah Susan Crawford, Columbus  
Cynthia Ellen Daiboch,  
Lakewood, N. J.  
Marlene Phyllis Deutsch,  
Flushing, N. Y.  
Ella Marie Dockery, Dandridge, Tenn.  
Joan Corinne Einstein,  
Shaker Heights  
Joyce Kieffer Erven, McClure  
Barbara Duchon Estreicher,  
South Euclid  
Elise Marcia Faigin,  
University Heights

Roni Claire Faigin,  
University Heights  
Joan Susan Freedman, Canton  
Mary Sue Freeman, Toledo  
Henry Edward Funderburke,  
Columbus  
Suzanne Claire Galloway, Largo, Fla.  
Debra Jean Gecowetts, Hicksville  
Hillary Diane Gitstein,  
New York, N.Y.  
Marilyn Joslove Gold, Milwaukee, Wis.  
Rebecca Jo Griffith, Columbus  
Lois Sari Grossman,  
West Roxbury, Mass.  
Penelope Rae Hagaman, Delaware  
Joseph Talbert Hairston, Worthington  
Ann Elizabeth Hartlage, Zanesville  
Deanna Jean Harwell, North Canton  
Kimberly Ann Hawley,  
Norristown, Pa.  
Kathleen Burr Holland, Newton Falls  
Paula McCreanor Jones, Warren  
Richard Robert Karges,  
Cleveland Heights  
Elizabeth Turner Keefer, Columbus  
Kathleen Ann Keller, Dayton  
Kristin Ann Kellermann, Columbus  
Ruth Ann Kellogg, Caledonia  
Noel Edward Kissling, Nevada  
Jerry Lee Kramer, Cincinnati  
Meredith Ann Kruger, Columbus  
Gloria Lee Kurant, Youngstown  
Ann Marie Langenderfer, Swanton  
Robert Alan Lanius, Green Camp  
Cynthia Ann Larkby, Shaker Heights  
Franklyn Jeffrey Lay, Mansfield  
Bettina Suzanne Lee, Columbus  
Sherri Ann Leifman,  
North Miami Beach, Fla.  
Ruth Elizabeth Lichtsien, Norwalk  
Kathy Jeanne London, Lorain  
Kathleen Jane Mackin, Columbus  
Rebecca Ann Maher, Columbus  
Willa Penny Marcus,  
Beverly Hills, Calif.  
Linda Lee Marshall, Eaton  
Kay Anne Massman, Columbus  
Anne-Marie McCaffrey, Bay Village  
Barbara Kay McCrork, Ashland  
Thomas Allen McDowell, Dublin  
Penelope Marie McGraw, Bucyrus  
Pamela Rae Melvin, Bowersville  
Adrienne Marsha Metz,  
Shaker Heights  
John Arthur Metzger, Columbus  
Jorrie Miller, Natchitoches, La.  
Kathryn Rose Miller, Toledo  
Dorothy Ann Monnin, Versailles  
Amy Esther Morris, Huntington, N.Y.  
Curtis Henry Mummert, Cincinnati  
Denise Foss Novak, Lyndhurst  
Susan Carol Oberman, Springfield, Ill.  
Judith Pilchik, South Orange, N. J.  
Deborah Lee Polin,  
Convent Station, N. J.  
Carol Shorr Pomerantz, Canton  
Emily Rae Pope, Columbus  
Kristine Will Prinz, Columbus  
Sharon Louise Proffit, Dayton  
Karen Lynn Raczek, Belford, N. J.  
Bascom William Ratliff, Louisa, Ky.  
Laurie Barbara Reich, Akron  
Jennifer Marie Reist, Akron  
Cynthia Trimmer Rice, Steubenville  
Deborah Ann Rice, Rocky River  
Jane Miriam Rothstein,  
North Miami Beach, Fla.  
Paula Dianne Rush, Cincinnati  
James Patrick Russell, Cleveland  
Arthur Jamieson Sanders, Columbus  
William Bruton Schardt, Vienna, Va.  
Maribeth Sue Schenbeck, Creston  
Bonita Carol Shane, Cleveland  
Harvey Martin Shankman  
Shaker Heights  
Judith Ann Sillince, East Liverpool  
Betty Jean Simon, Oimsted Falls  
Barbara Ann Bearman Skutch, Toledo  
Dorthea Kay Smith, Columbus  
Margaret Susan Smith,  
Delhi, Ont., Canada  
Susan Leigh Smith, Upper Sandusky  
Margaret Ann Snider, Lima  
Nina Jane Solomon,  
University Heights  
Linda Louise Stamps, Lorain  
Ann Rita Swick, Toronto  
Deborah Walker Teilhet, Chillicothe  
Sheila Irene Thompson, Marysville  
Beverly Jayne Tivenan, Harpster  
Dora Torres, Syracuse, N.Y.  
Joan Kay Townsend, Anna  
Carole Elaine Trego, Grove City  
Frederick Lee Valentine, Cincinnati  
Julene Nesta Weiss, Rochester, N. Y.  
Joan Hollander Wells, Columbus  
Kathryn Marie Wells, Columbus  
Elizabeth Torbert White,  
Seattle, Wash.  
Suzanne Joyce Wilka, Williston  
Teresa Lee Williams, Marysville  
Michael Edward Witzky, Mansfield  
Michael Erwin Wolf,  
University Heights  
Steven Andrew Wolfson, Pepperpike  
William Anderson Wood,  
North Canton  
Paula Deborah Yochum,  
St. Clairsville  
Nancy Ellen Youkilis, Cincinnati  
Thomas Joe Young, Pataskala  
Yvonne Helene Zollman,  
Long Beach, N. Y.

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Two hundred and sixty-seven candidates

Michael Dwight Adams, Cincinnati  
Mary Louise Grimes Andrzejewski, Massillon  
John Wayne Archer, Columbus  
Myron Glenn Ashcraft, Warsaw  
Dennis Kent Baker, Bradford  
Larry Frank Ball, Columbus  
David William Ballinger, Hicksville  
Jerry Robert Bambauer, New Bremen  
Robert Wayne Barb, New Albany  
Robert Charles Barnt, Delphos  
Henry Michael Bartholomew, Stoutsville  
James Raymond Baum, Canal Winchester  
Larry Alan Bechtel, Fredericktown  
Benny Losh Beckett, Oregonia  
Bobby Ray Beckett, Oregonia  
Robert Charles Beckman, Ashville  
Yvonne Marie Bellay, Bristolville  
Stephen Perry Bennett, Worthington  
John Francis Beucler, Mineral City  
Timothy Ralph Bigler, Shreve  
William Edward Blazer, North Lewisburg  
Brian Scott Bodarke, Canton  
Jill Kathleen Bognar, Ashtabula  
James Marion Borchelt, Jr., Cincinnati  
Dale Lewis Borton, Yellow Springs  
Jerry Allen Borton, Wauseon  
Michael Jay Bowman, Lebanon  
James Edward Brightbill, Loudonville  
Stephen Brock, West Alexandria  
James Eugene Brown, Junction City  
Melvin Leroy Burch, Milford  
Richard Joseph Burkholder, Pemberville  
Robert Joseph Burkholder, Wauseon  
William Duane Butler, Vienna  
Robert Marion Buxton, Warsaw  
Steve Warren Carter, Columbus  
Gary James Chamberlain, Hamilton  
Vernon Francis Chevalier, Jr., Parlin, N. J.  
Tyler Cleveland Clark, Cincinnati  
Donald Lee Clinger, Forest  
Thomas Edward Coe, Bellville  
James Thomas Cogan, Wapakoneta  
James Edward Collins, Sandusky  
William Willard Collins, Van Wert  
Gary Wayne Cook, Chandersville  
James Daniel Cooper, Bucyrus  
James Eugene Cottrill, Washington C. H.  
Arthur Brent Cowden, East Rochester

Paul Alexander Coxen, Columbus  
Carl Allen Coyan, Jackson  
Roger Eugene Cramer, Findlay  
\*Glen Willis Crawford, Columbus  
James Allen Daley, Grove City  
Daryl Edward David, Mattydale, N. Y.  
James Rawlins Davis, Worthington  
Kim C. Davis, Van Wert  
Phillip Eric Dawson, Plymouth  
John Robert Dobbins, Barberton  
Robert Charles Doehler, West Seneca, N. Y.  
Dillon Lee Dunlap, Newark  
Dennis Edward Eagan, Cincinnati  
Tom Henry Eldred, Lakewood  
Ralph Hubert Elwer, Fort Jennings  
Martha Josephine Engelman, Worthington  
Jerry Robert Erven, McClure  
James David Evans, Circleville  
John Charles Feters, Waterloo  
Nicholas George Fisher, Bucyrus  
Robert William Fisher, Mingo Junction  
Ronald Lee Flory, West Alexandria  
Robert David Ford, Delaware  
James Wesley Forshey, Jackson  
Ronald Eugene Friend, West Alexandria  
Larry Richard Fry, Bloomville  
David Malcolm Galton, Nunda, N. Y.  
Dana Richard Gamble, Van Wert  
Donald Lee Garrett, Eaton  
Jeffrey Allen Gasteier, Sandusky  
John Paul Gaydos, Tiffin  
David Wendell Gearhart, Chillicothe  
David Joe Gilmore, Fresno  
Thomas Michael Goetz, Columbus  
Larry Joe Goldsberry, Logan  
John Richard Graham, Dresden  
Bradley Verner Gray, Youngstown  
Jeffrey B. Gray, Arcanum  
David Mark Greene, Wellington  
John Herbert Grieser, Springfield  
Richard Frank Gustafson, Jr., Mentor  
David Lee Guthrie, Columbus  
Herbert Jonathan Hadley, Clarksville  
James Edwin Hanna, Cedarville  
Larry Eugene Harmon, Laurelville  
Glenn Arthur Haveman, Decatur, Mich.  
David Richard Hayes, Arcanum  
David Lee Helberg, Okolona  
Kenneth Paul Helmlinger, Wapakoneta  
Martin David Hemminger, Sandusky  
David Wendell Higbea, Defiance

Richard Sherman Hillis, Berlin Heights  
Robert Lawrence Hilty, Columbus Grove  
Richard Lee Hintz, Norwalk  
Lindsey Stuart Hixson, Springfield  
Dennis Lane Hodson, Farmersville  
Joseph James Hoffman, Hamilton  
Gary Lawrence Horn, Cincinnati  
Lee Edward Householder, Johnstown  
Jeanne Anthony Hover, Lima  
Robert Wood Hoyt, Butler  
Clifford Glenn Huber, Cincinnati  
Don Byron Huff, Barnesville  
Bradford D. Huffles, Gahanna  
James Cooper Hutchins, Worthington  
Gary Fred Hutt, Bronx, N. Y.  
Jeffrey Joseph Jackman, Cleveland  
Larry Edwin Johnson, Belpre  
Gene Allen Jumper, Delaware  
Wilfred Lee Kanagy, Cable  
Douglas Charles Karnap, Columbus  
Stanley Joseph Kavy, Dayton  
Kimball Merritt Kennedy, III, Madison  
Dennis Warren Keyes, Rocky River  
Timothy Harold Kimpel, Roseville  
Alan Darrell Klonowski, Independence  
Richard David Koblentz, Pomeroy  
Donald Dean Kosier, Marshallville  
John Wallace Krauss, Jr., Center Moriches, N. Y.  
David Lee Lacy, Wilmington  
John Loren Latimer, Geneva  
David Thomas Lee, Westerville  
Charles Thomas Lehner, Radnor  
Romelio Leigh, Jefferson  
Harvey Howard Leimbach, Amherst  
Frank Robert Lichtkoppler, Mt. Healthy  
Jay Long, Jr., Lima  
James Ray Loper, Grove City  
Larry Robert Lorentz, Lakeville  
Jean Louise Lorenzen, Danville  
Mark Thomas Lowe, Dayton  
Michael Warren Loy, Botkins  
Max Arthur Luehrs, North Olmsted  
Ronald Edward Luthman, Anna  
Luther Thomas Maddox, Jr., Middletown  
Mallary L. Mason, Wilmington  
William Mark Massey, Malta  
David Ernest Mayer, Elida  
James Albert McCluskey, Mt. Vernon  
Vernon Dean McKeal, Shreve  
Russell Blaine McKenzie, Diamond

\* Also Doctor of Veterinary Medicine.  
College of Veterinary Medicine

William Luther McKnight, Eldorado  
 Paul Parks Meehling II, Lancaster  
 Leonard Robert Mehlman, Jr., Solon  
 John Bruce Meredith, Pomeroy  
 David Eugene Merrin, Fredericktown  
 William John Meyer, Napoleon  
 David Paul Miller, East Sparta  
 Thomas Ralph Mills, Mansfield  
 Gary Lee Misko, Yorkville  
 David Alan Mitchell, Columbus  
 Richard Kent Mock, Holsopple, Pa.  
 William Brian Mount, Clayton  
 Richard Howard Munson,  
   New Carlisle  
 Dwight Anthony Neff, New Carlisle  
 Donald Eugene Ney, Dayton  
 †James Lee Nichelson, Lima  
 Dwight Clarence Niese, Leipsic  
 Michael Leroy Notestone, Chillicothe  
 Wayne Kenneth Ober, Newton, Mass.  
 Donald Lee Oberlitter, Venedocia  
 Lynn Edward Overstake, Hillsboro  
 John William Padley, Cincinnati  
 Douglas Thompson Paine, Columbus  
 Robert Joseph Parkinson,  
   Philadelphia, Pa.  
 David Ranselor Peebles, Edgerton  
 Albert Alan Penn, Mt Gilead  
 Gary William Perdue, Xenia  
 †Randall Carl Peterson, Eastlake  
 William Howard Phillippi, Orwell  
 James Lee Piper, Dorset  
 Ted Eugene Polter, Lima  
 Gregory Lynn Pontius, Lancaster  
 Terry Wayne Poole, Worthington  
 Russell Albert Popp, Columbus  
 Loretta Ann Price, Youngstown  
 Thomas Fredrick Prusa,  
   Garfield Heights  
 Stephen Michael Reed, Delaware  
 Clifford Barton Reisel, Plain City  
 Ronald Keith Rice, Marysville  
 John Karl Riker, Bowling Green  
 Roy Douglas Roach, Defiance  
 Marvin Lee Roberts, Canton  
 Thomas John Roetgerman, Minster  
 Charles Evan Ross, Mansfield  
 Wayne Alan Ross, Lorain  
 Thomas Martin Routh, Huron  
 Roger Keith Rufener, Clarington  
 Patricia Ann Ruppert, Dayton  
 Jane Eleanor Sample,  
   Broadview Heights  
 Gary Thomas Schimmelpfenig,  
   Wadsworth  
 Dean Richard Schleppe, Westerville  
 Francis Joseph Schwamberger,  
   Wheelersburg  
 Patrick Gerald Seott II, New Albany  
 Kenneth Wendell Secrest, Heath

David Dale Seif, Piketon  
 Bruce Leonard Shefts,  
   Spring Valley, N. Y.  
 Stuart John Short, Archbold  
 Carl Joseph Siefker, Columbus Grove  
 John Edward Siefker,  
   Columbus Grove  
 Duane Leland Siegenthaler,  
   West Liberty  
 William Samuel Simpson, Dayton  
 James Charles Skeeles, Sullivan  
 Gale Virgil Slack, Roseville  
 Harry Eugene Smail, Leechburg, Pa.  
 Charles John Smith, Coshocton  
 Larry Gene Smith, Findlay  
 Robert Ramsey Smith, Columbus  
 Earl Leroy Snider, Oberlin  
 †Carl Alonzo Spencer, Jr., Salem  
 Thomas Milan Stancel, Tiffin  
 Kenneth Ordell Starkey, Oak Harbor  
 James Lester Starr, Wilmington  
 Daniel Philip Steed, Radnor  
 Timothy Paul Stehle, Columbus  
 Rodney Lynn Stephens, Greenville  
 James Ronald Stewart, Eaton  
 Gary Alan Stitzlein, Loudonville  
 Thomas Jean Stone, Harrison  
 Thomas Gilbert Svoboda, Centerville  
 Louise Laicher Sweet, Whippany, N.J.  
 Fred Ralph Tambling, Akron  
 Richard Harold Tangeman,  
   New Bremen  
 James Wilbur Terrell, Worthington  
 Russell Leonard Thompson, Canfield  
 Thomas Lee Thorbahn, Vickery  
 Ned Douglas Tippie, Lima  
 Jay Walter Tirey, Dayton  
 Charles Elliott Tuttle, Columbus  
   B.A. (Trinity College, Connecticut);  
   M.B.A. (New York University)  
 Paul Joseph Tvergyak, Chardon  
 Max Martin Van Buren, Tiffin  
 Linda Susan Vance, Orient  
 Thomas George Vanden Eynden,  
   Cincinnati  
 †John Wayne Walters, Carrollton  
 Jon Carroll Warner, Arcanum  
 Thomas Stephen Wasco, Lorain  
 Paul Wayne Webb, Sidney  
 Gary Michael Weersing, New Albany  
 John Louis Weinheimer, Marietta  
 Joseph Henry Weldon, Columbus  
 Samuel Raymond Weyrick, Ashland  
 David Paul White, Ashland  
 Ronald Nelson White, Thornville  
 Paul Allen Whittington, Sabina  
 Norman Louie Widman, Fremont  
 Avery Hubbard Wilcox, II, LaGrange  
 Rebecca Ann Williams, Akron

Daniel Arthur Wilson, Sabina  
 Timothy Alan Wilson,  
   South Charleston  
 David Charles Winger, Mansfield  
 Ernest Harold Winterhoff IV  
   Springfield  
 Mark Elmer Winterland, Dayton  
 Paul William Wolff, Milford Center  
 Martin Edward Wollam, Worthington  
 Leah Mae Wright, Pierpont  
 Kathleen Ann Yannitell, Marion  
 Kevin Edwin Zimmerman, Norwalk  
 Richard Wayne Zimmerman, Collins  
 Shirley Lenora Zonner, Chillicothe

**Bachelor of Science in  
 Dairy Technology**

Four candidates

Michael Edward Richter, Parma  
 Gary Robert Snow, Worthington  
 William Phillip Shoop, Brecksville  
 Dennis Lee Woodford, Warren

**Bachelor of Science in  
 Food Technology**

Eight candidates

Thomas Ray Graumlich, Fostoria  
 Kenneth Paul Hoersten, Delphos  
 Edward Thomas Huxel, Chardon  
 Robert Mark McLaughlin, Marengo  
 John Robert Mount, Columbus  
 Larry Eugene Parshall, Hillsboro  
 Tim Harmon Stover, Columbus  
 Leon Ray Unterbrink, Glandorf

**Bachelor of Science in Nutrition**

Two candidates

Ronald Fernand Barriault,  
   Lisbon, Me.  
 John Bruce Bassett, Cos Cob, Conn.

**School of Home Economics**

**Bachelor of Science in Home Economics**

One hundred thirty-five candidates

Joyce Mary Alexander,  
   Berkeley Heights, N. J.  
 Barbara Jean Allman, Delaware

<sup>1</sup> Also Master of Science, Graduate School  
<sup>2</sup> Also Bachelor of Science in Education,  
 College of Education  
<sup>3</sup> Also Doctor of Veterinary Medicine,  
 College of Veterinary Medicine

Susan De Fazio Andryc, Amlin  
 Rosemary Elizabeth Antz, Berea  
 Barbara Kautz Armstrong, Galloway  
 Celia Ann Atkinson, Columbus  
 Karen Sue Ault, Caledonia  
 Marcia Lynne Ayers, Woodville  
 Patricia Ann Bangs, Worthington  
 Joyce Elaine Barrett, Columbus  
 Mary Josephine Beam, Xenia  
 Barbara Ann Benney, Columbus  
 Shayne Marie Berry, Kinsman  
 Carole Jean Black, Worthington  
 Shirley Jean Black, Dallas, Tex.  
 Lydia Louise Blalock, Oakdale, N. Y.  
 Joyce Anne Blessing, Brookville  
 Katherine Jane Bodish, Columbus  
 Patricia Kay Boley, Junction City  
 Patricia Elaine Bostdorff,  
 Bowling Green  
 Peggy Louise Boyer, Clayton  
 Barbara Ann Britton, Cincinnati  
 Judith Marie Burgett, Fredericktown  
 Jane Frances Burton, Marion  
 Bonnie Mink Campbell, Westerville  
 Susan Louise Campbell, Steubenville  
 Louise Kraus Caplin,  
 University Heights  
 Janet Ann Cassotta, New York, N.Y.  
 Penneth Jeannette Casto, Columbus  
 Jill Crites Cooks, Columbus  
 Deborah Ann Craft, Lake Forest, Ill.  
 Helen Louise Crumley, Groveport  
 Alyce Elaine Curtis, Lynn, Mass.  
 Barbara Ann Cutter, Arlington, Mass.  
 Linda Sue Darrah, Columbus  
 Jo Anne Davis, Covington  
 Terry Ann Dibble,  
 Richfield Springs, N. Y.  
 Barbara Winn Dixon, Wilmington  
 Carol Ann Dones, Columbus  
 Judith Elaine Dove, Newark  
 Geraldine Ursula Eder,  
 Glen Head, N. Y.  
 Anne Christine Ericson, Toledo  
 Vicki Ann Everding, Dayton  
 Cynthia Voss Farler, Lima  
 Jo Anne Marie Flood, Rocky River  
 Noreen Sharon Forrester, Columbus  
 Carol Jo Fox, Cincinnati  
 Julianne Feller Fox, Findlay  
 Martha Rose French, Felicity  
 Barbara Sue Garen, Mt. Sterling  
 Ellen Elizabeth Garrety,  
 Yellow Springs  
 Mary Joelle Garvey, Ashtabula  
 Susan Jean Gerstner, Columbus  
 Noreen Marie Geyer, Marion  
 Natalie Marcia Goodman,  
 University Heights  
 Judith Moore Grant, Columbus

Terry Greene, Cincinnati  
 Jean Anne Gruff, New York, N. Y.  
 Kathleen Ann Grybos, Youngstown  
 Linda Sue Hamilton, Dayton  
 Suzanne Marie Hamilton,  
 Pine Bush, N. Y.  
 Barbara Lynne Harris, Springfield  
 Anna Louise Hartman, Wadsworth  
 Carol Brown Henfield, Shaker Heights  
 Nancy Lou Hidlay, Chillicothe  
 Susan Elaine Horne, Gahanna  
 Donna Rae Howard, Chagrin Falls  
 Margaret Ann Jarvis, Euclid  
 Victoria Jeanne Johnson, Columbus  
 Julie Kay Johnston, Westerville  
 Judith Fogelsong Kangelaski,  
 Columbus  
 Beverly Jane Keil, Mansfield  
 Kathryn Muriel King, Cleveland  
 Roberta Susan King, Millburn, N. J.  
 Janice Marie Klemm, Ottoville  
 Kathryn Adelle Koelliker,  
 Yardley, Pa.  
 Donna Steele Korb, Columbus  
 Luanne Loofbourrow, Worthington  
 Irene Ava Mann, Brooklyn, N.Y.  
 JoAnn Matusoff, Trotwood  
 Sue Ann McCormick, Fredericktown  
 Martha Rodeheffer McKenney,  
 Portsmouth  
 Donna Jean Meifert, Norwalk  
 Candis Bahmer Miller, Bakersville  
 Judith Marie Miller, Castalia  
 Nanci Sue Miller, Columbus  
 Patricia Ann Mills, Ashland  
 Rita Angeline Moats, Waverly  
 Gail Frances Moore,  
 Hackensack, N. J.  
 Mary Jane Morrison, Marysville  
 Carol Jean Musselman, Brookville  
 Judith Eileen Orashan, Salem  
 Penny Kay Parkinson, Utica  
 Ellen Roberta Phillips, Kenton  
 Karen Kay Phillips, Fredericktown  
 Lynn Frances Planisek, Wickliffe  
 Beatrice Amzibel Quaranta, Columbus  
 Rebecca Reeder, Utica  
 Cheryl Ann Reppart, Fredericktown  
 Barbara Jean Rigg, Bryan  
 Marion Joan Rose, Parma  
 Roberta Irene Ross, Grover Hill  
 Joyce Ann Rupert, Worthington  
 Joanne Louise Schepman, Woodville  
 Marilyn Ruth Schild, Columbus  
 Sandra Kay Schmidt, Anna  
 Karen Leigh Schnitzspahn, Columbus  
 Cheryl Ann Schulte, Woodville  
 Mary Jo Schuster, Canton  
 Carolyn Ruth Scott, St. Paris  
 Diane Margaret Sell, Columbus

Wendi Wolcott Seminari, Circleville  
 Sarah Elizabeth Shank, Wilmington  
 Beverly Kay Shreiner, Millersburg  
 Mary Christine Smith, Leonardsburg  
 Jean Elizabeth Stacy, Columbus  
 Suanne Beth Stern, Cleveland  
 Elaine Looker Strutner, Columbus  
 Joanne Marie Stumpf, Cincinnati  
 Suzanne Swain, Medina  
 Darlene Miller Thomas, Farmdale  
 Wanda Fessler Tremblay, Troy  
 Jo Ann Truka, Marion  
 Elizabeth Girard Upson,  
 Fort Walton Beach, Fla.  
 Margery Ellen Victor, Wooster  
 Lee Ann Wagner, Bucyrus  
 Margaret Ellen Wesner, Columbus  
 Victoria Edith Widney, Columbus  
 Christine Marie Will, Sandusky  
 Charlette Jean Williams, Delta  
 Joy Ann Wittekind, Grove City  
 Catherine Sue Woodward, Norwalk  
 Donna Jean Yochum, Pittsburgh, Pa.  
 Sharon Sue Young, Reynoldsburg  
 Bonnie Cordier Zintz, Canton

#### **Bachelor of Science in Nutrition**

One candidate

You-Ying Wang, Fairport Harbor

#### **Bachelor of Science in Restaurant Management**

Six candidates

David Higgins, Toledo  
 Marvin Lee Hill, Kettering  
 Kevin Tien-Tse Koo, Columbus  
 Howard Joseph Neff, Jr., Dayton  
 Brian John Tustian, Atlanta, Ga.  
 Arthur Hoover Waters, Rocky River

## College of Dentistry

Dean: John R. Wilson

### Doctor of Dental Surgery

One hundred and forty-three candidates

Lewis James Abrahams, Dayton

Donald Acomb, Cincinnati  
B.S.

Jack Lee Alexander, Columbus

William Harold Allen, Jr., Columbus

Edward Joseph Babey, Cincinnati  
B.S. (Xavier University)

Frank Richard Bailey, Youngstown  
A.B. (Youngstown State University)

Richard Alan Baker, Wilmington  
B.S.

William Tyler Baldock, Columbus  
B.S.

Terry Michael Ballard, Cincinnati  
A.B. (University of Cincinnati)

Frank Michael Beck, Columbus

Ronald Alvin Berke, Cleveland

Stephen Frederick Bettes, Columbus  
B.A. (Miami University)

John Frederick Betzhold,  
Cuyahoga Falls

William Charles Betzhold,  
Cuyahoga Falls

William Bailey Biggs, Jr., Athens  
B.S. (Ohio University)

Stephen Lee Black, Northfield  
B.S. (University of Akron)

David Emery Boggs, Fairborn  
B.S.

Dean Edwin Booher, Warren  
B.A. (Earlham College)

Stephen Dale Brown, Portsmouth

Robert Duane Burnard, Columbus

Dennis Albert Burns, Shadyside

Richard Herman Bush, Tiffin  
B.A. (Catholic University of America)

Thomas K. Buttler, Columbus

Steven Mauritz Carlson, Lima  
B.S.

Wayne Rolland Conner, Jr.,  
Cuyahoga Falls  
B.A. (Kent State University)

Charles Richard Conroy, Columbus  
B.A.

Vincent Palmer Cotruvo, Akron

William Charles Dahling, Dayton  
B.S.

John David Davis, Ironton

Daniel Eugene Dever, Cincinnati  
B.A.

Robert Frackelton Dille, Columbus

Ronald Lee Discher, Cincinnati

Robert Joseph Driver, Cincinnati

Robert Alan Eckelson,  
Shaker Heights

Anthony Francis Edelmann,  
Cincinnati  
B.S. (Xavier University)

Richard Wayne Ellinger,  
West Jefferson  
B.S. (Muskingum College)

Gary Howard Ensor, Dayton

Eugene Francis Flanagan, Cincinnati  
B.S. (Xavier University)

Clifford Irving Foster, Columbus

Charles Leslie Fulks, Athens  
B.S. (Ohio University)

Albert George Galat, Akron

Stewart Joel Garber, Columbus  
B.A.

Roger Lyle Goodman,  
Upper Sandusky  
B.S. in Agr.

John Robert Grady, Columbus  
B.A.

John Paul Grim, Springfield  
B.A.

Gary Edward Guzy, North Royalton  
A.B. (Miami University)

David Robert Haas, Lebanon  
B.S. in Pharmacy  
(University of Cincinnati)

Mark Arthur Hablitzel, Port Clinton

Ronald George Heiber,  
University Heights

Robert Hepps, Columbus

Curtis Lee High, Byesville  
B.S.

Marc David Hoffrichter,  
East Liverpool  
A.B. (Colgate University)

Ronald Scott Huey, Dayton  
B.S. (University of Dayton)

Paul Christopher Ickes, Hamilton  
B.A.

Thomas Leroy Irvin, Hillsboro  
B.S.

Dennis Norman Jacobs, South Euclid  
B.S.

Robert David Johnston, Navarre  
B.A.

Jerald Jay Kasimov, Buffalo, N. Y.  
B.S.

Alan Richard Kiefer, Wooster  
B.A.

Jerrold Michael Kirzner, Cincinnati

Steven Mark Klayman, Dayton

James Hudson Klein, Ironton

David Neil Klooz, Cleveland Heights  
B.A.

Marc Lee Klynn, Cleveland  
B.A.

Bruce Roger Knox, Columbus  
B.S.

Howard Eliot Kossoff, Cleveland

Brent Miller Koudelka, West Richfield

Robert Stephen Kunovich,  
Youngstown  
A.B. (Youngstown State University)

Jan H. Larson, Fremont

Randall Root Larson, Cuyahoga Falls  
B.S.

James Ronald Lawrence, Portsmouth

John Michael Lazor, Jr., Akron

Bruce William Leberecht, Cincinnati  
B.S. (University of Cincinnati)

Eugene Ray Ledford, Columbus

Donald Richard LePère, Cincinnati

John Charles Ley, Middle Point  
B.S. in Edu.

Michael Laird Lichtman, Cleveland

Robert Butler Linville, Youngstown  
B.A. (Ohio Wesleyan University)

Douglas Wilson Loveless, Cincinnati  
A.B. (University of Cincinnati)

John Charles Mackenbach, St. Marys

Richard Merrill Main, Columbus

Richard Francis Marinelli,  
Youngstown

James Frederick Marsico, Niles  
B.A.

Michael Masonbrink, Canton  
B.A.

Jay Byron Maxfield, Navarre

Peter Edward Maynard, Akron

James Robert Mayo, Versailles

Joel Mason McCuen, Ashland

James Alan McNulty, Lorain  
B.S. (John Carroll University)

Richard Alphonse Menke, Cincinnati  
B.S. (University of Cincinnati)

Michael Lowell Murphy, Mt. Gilead  
B.A. (Ohio Wesleyan University)

Mark F. Myers, Cleveland

David Aaron Nicely, Bellevue  
B.S. in Edu.

Herbert B. Nickell, McDermott  
B.S.

Carl August Novak, Clarington  
B.S.

Lee Parsons Oneacre, Findlay  
A.B. (Miami University)

Dennis Norman Oppenheimer,  
Columbus

Michael William Patterson, Cleveland  
B.S.

John Bateman Pecsok, Whitehouse  
B.S. in Edu.

Michael Craig Peters, Columbus  
B.S. (Ohio University)

Roger Alvin Pickens, Columbus  
B.S.

Richard Walter Portune, Dayton  
B.S. (University of Dayton)

Terry Ray Pracht, Columbus

Ray Von Pryor, Hamilton  
B.S.

Frank Edwin Pulskamp, Celina  
B.A.

David Carter Purviance, Columbus  
B.S.

Kenneth Eugene Pyle, Cincinnati

Donald Arthur Raabe, Hineckley

Robert Frederick Rafoth, Youngstown  
B.A.

Alfred William Reader, Portsmouth  
B.S.

Frank Richard Recker, Cincinnati  
B.S. (Xavier University)

William George Reuter, Columbus

Robert Andrew Riebe, Cleveland  
B.S. (John Carroll University)

Edward Raymond Rinaldi, Cleveland  
B.S.

James David River, Chillicothe  
B.A., B.S.

Francis Bland Robinson, Portsmouth  
B.A.

Jeffrey Cordell Roland, Lancaster  
B.S. (Ohio University)

John Dennis Ryan, Columbus  
B.A.

David Arthur Sachs, Akron  
B.A.

Michael Douglas Schamp, Dayton  
A.B. (University of Cincinnati)

Robert Carl Schroer, Dola  
B.S. (Capital University)

Garold Allen Schudel, Coshocton

Ronald Richard Sepic, Uniontown, Pa.  
B.S.

Larry Allen Seward, Navarre

Robert Edwin Sharp, Cleveland  
B.S. (Marietta College)

Gerard Francis Skruck, Hubbard  
B.S. in Bus. Adm.

Richard Lowell Slate,  
University Heights

John Henry Snevel, Novelty  
B.S. (Ohio University)

Paul Edward Speert, Dayton

George Alexander Staley, Lakewood  
B.A.

Paul Joseph Stazen, Barberton

Daniel Joseph Strickland, Middletown  
B.A.

Otto Charles Tebrock,  
Douglaston, N. Y.  
B.A. (University of Colorado)

John Stephen Tecklenberg, Lima  
B.S.

Robert Earl Traul, Jr., Findlay  
B.S. (Bowling Green State  
University); M.A.

Ralph Ronald Veriotti, Ashtabula  
B.S., B.S. in Edu.

Paul Allan Walke, Jackson

Robert Edwin Washing, Toledo  
B.S. (University of Toledo)

Peter Michael Wills, Franklin

Charles Warne Wilson, Portsmouth

Lawrence Allen Woznuk, Cleveland  
B.S. in Phar.

Larry Craig Wright, Mt. Vernon  
B.S.

Larry Richard Zay, Columbus

#### Certificate of Graduate Dental Hygienist

Seventy-seven candidates

Lorene May Abbott, Medina

Patricia Ann Amstadt, Akron

†Martha Christine Baker, Cincinnati

Barbara Eleanor Bard, Bryan  
B.A.

Christine Marie Black, Perrysburg

Mary Margaret Bohyer, Lima

DeeDra Lee Boulton, Toledo

Bettina Lou Brawley, Fremont

†Elizabeth Anne Brenner,  
Cuyahoga Falls

Patricia Byrnes, Marion

Melinda Marie Chaney, Lima

Janice Ann Cleary, Cincinnati

Sharon Elizabeth Eberle, Columbus

Ellen Cole Eckelson, Shaker Heights

Nancy Jean Flohr, Cincinnati

Mary Kay Friedrich, London

Sally Elizabeth Fulford,  
Evansville, Ind.

Judy Elaine Garrett, Lorain

Celia Lynn Gerding, Medina

†Linda Gayle Gibbons,  
San Antonio, Tex.

†Marilyn Rae Gold, Dayton

Linda Nell Gotlieb, Dayton

Lynette Kay Hays, St. Marys

Sharon Lee Hite, Norwalk

Annette Ruth Hoffman, Mansfield

Barbara Jean Horns, Dayton

Katherine Susan Hyder,  
East Liverpool

Josephine Anne Johnson, Toledo

Janet Elaine Kempfer, Kettering

Deborah Anne Kirk, Columbus

Linda Marie Klapproth, Springfield

Sue Ann Kreiter, Marion

Charla Joyce Lautar, Columbus

Barrie Meredith Leedy,  
Fredericktown

Roberta Frances Lewis, Cincinnati

Margaret Peterson Livingston,  
Norton

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

## College of Education

Dean: Luvern L. Cunningham

Linda Carol Luoma, Mentor  
Carolyn Jean Manns, Dublin  
Joyce Lynn Manos, Dayton  
Ruth Ann Matthews, Cincinnati  
Kathryn Elaine Mault, Westerville  
Jean Marie McClenathen, Akron  
†Ann Elizabeth McCoy, Columbus  
Elizabeth Ann McKinney,  
Olmsted Falls  
†Sherri Lynn Milkereit, Kettering  
†Sandra Louise Norris, Euclid  
Ruth Emilie Nowjack, Cadiz  
Kathryn Louise Oster, Cincinnati  
Constance Folkerth Parson, Columbus  
Stephanie Jane Reichert, Worthington  
Janice Louise Roginski, Toledo  
†Christine Robertson Routh, Norwalk  
Jodelle Speer Sanders, Columbus  
Barbara Ann Schultz, Bay Village  
Karen Keyerleber Serian, Mentor  
Robin Ranly Shanks, Tipp City  
Martha Jane Sido, Toledo  
†Sharon Lee Singer, Cleveland  
Paula Louise Smiley, Dayton  
Beverly Ann Stein, Dayton  
Karen Ann Stewart, St. Marys  
Kathleen Esther Stewart, Dayton  
Janice Eisel Strickland, Swanton  
Nancy Jean Thickett, Dayton  
Sarah Schlencher Traul, Findlay  
Carol Ann Turnock, Toledo  
Renee Karner Weiss,  
Cleveland Heights  
†Sue Ellen Weston, Columbus  
Mary Joanne Weymouth,  
Bellefontaine  
Sandra Lee Whipps, Columbus  
Stephanie Lou Whipps, Columbus  
Adrienne Marie Wibbeler, Cincinnati  
Karen Beth Williams, Cincinnati  
Lora Lee Williams, Toledo  
Polly Lucile Yarger, East Sparta  
Beth Marie Zientek, Swanton  
Rosemarie Zouhary, Toledo

### Bachelor of Science in Education

Eight hundred and seventy-one candidates  
Mark Glenn Ackerman, Cleveland  
Robertta Jean Ackerman, Columbus  
Elizabeth Anne Acks, Euclid  
Nancy Ann Adams, Lima  
Joanne Patricia Adelstein,  
Shaker Heights  
Delores Michele Agriesti, Columbus  
Ruth Aigen, Yardley, Pa.  
Michael William Aleshire, Columbus  
Karen Madelon Allenbach, Columbus  
Cheryl Adell Allison, Shaker Heights  
Kurt Allmacher, Columbus  
Karen Joyce Alpert, Scarsdale, N. Y.  
Laurie Klein Altschule, Lorain  
Louise Josephine Annarino, Newark  
Anna Antonios, Columbus  
Frank Ardis, Jr., Mansfield  
Priscilla Anne Armendinger,  
Cardington  
Deborah Lynne Aspinwall, Cincinnati  
Ilene Bonnie Atkins, Shaker Heights  
Eugene Francis Atwood, Jr.,  
Rochester, N. Y.  
Larry Allen Au, Mansfield  
Barbara Kramarz Axene, Columbus  
Nancy Jane Ayars, Vermilion  
Cynthia Eleanor Babcock, Chardon  
Edith Amelia Bailey, Cincinnati  
Cheryl Lynn Baker, Wooster  
Kathy Ann Balazs, Orange Village  
Ann Irene Banks, Columbus  
Deborah Rae Bannett,  
East Meadow, N. Y.  
Larry Newton Baptic, Chardon  
Sheryl Williams Barcalow, Brilliant  
Raymond Alan Barcroft, Mansfield  
Janet Hartranft Barienbrock,  
Columbus  
Kathleen Ann Barkan, Massillon  
Linda Morris Barker, Columbus  
Carolyn Daley Barnes, Mansfield  
Beverly Ann Bartos, Seven Hills  
Wanda Elaine Bayless, Columbus  
Patricia Susan Beall, Columbus  
Regina Ann Beamish, Springfield  
Janet Zimmerman Becker, Norwood  
Susan Gail Belinky, Youngstown  
David Owen Bell, Bellefontaine  
John Thomas Bell, Harpster  
Randolph Stephan Bell, Columbus  
Juan Manuel Benalcazar,  
Quito, Ecuador  
Shirley Ann Bendik, Parma  
Leo Patrick Benkert, Saginaw, Mich.  
Kenneth Edward Bennett, Jr.,  
Columbus  
David Michael Berardi, Akron  
Rosaly Jo Berger, Pittsburgh, Pa.

Christine Joy Beverly, Hilliard  
Phyllis Jean Bianco, Columbus  
Rita Susan Bickart, Cleveland  
Marie Kathryn Bier, Columbus  
Judith Ellen Birnbaum, Youngstown  
Lawrence William Bisson,  
Parma Heights  
Cheryl Ann Blair, Brooklyn, N. Y.  
Herman Blalock, Jr., Columbus  
Vicki Ann Blawut, Adena  
Renee Sue Bleiweiss, Cleveland  
Nancy Sue Blickensderfer,  
Wintersville  
Charles Peter Blooming, Parma  
Sue Ellyn Blöse, Columbus  
Judith Mae Blumoff, Creve Coeur, Mo.  
Jimmy Darl Bolen, Willard  
Janet Stauffer Bolinger, Alliance  
Gary William Bolyard, Lima  
Deborah Naomi Bonn, Cleveland  
Deborah Jean Bonte, Columbus  
Dennis Alan Booher, Pittsburg  
Patricia Ann Boone, Bellville  
William Ford Bornhauser, Columbus  
Charles Alvin Boster, Columbus  
\*Ann Marie Bouic, Ostrander  
Wendy Lynn Bowden, Mentor  
Ronald David Bowman, Heath  
Christopher John Boyd, Marion  
Joyce Stanfield Boyer, Columbus  
Pamela Zanin Bradbury, Cortland  
Brenda Kay Braden, Cambridge  
Maureen Audrey Brenner, Columbus  
Nancy Grace Briggs, Frankfort  
Joanne Brodell, Greensburg, Pa.  
Audrey Marie Brodzinski, Warrensville  
Linda Ann Brooks, Columbus  
Carol Schmidt Brow, Euclid  
Bettina Brown, Bryan  
Beverly Sue Brown, Columbus  
Brenda Starks Brown, Columbus  
Kathy Gay Brown, Cincinnati  
Leanna Dee Brown, Kenton  
Sharon Lou Brown, Columbus  
Sue Ellen Brown, Westerville  
Timothy James Brown, Dayton  
Marilyn Kraft Brumfiel, Kettering  
Larry David Buckholtz, Westerville  
Johanna Sue Buerkel, Lyndhurst  
Theresa Marie Bukey, Columbus  
Janet Lee Bump, Parma  
Bernadette Margaret Busch, Kenton  
Jennifer Blakeslee Butcher, Pomeroy  
Elaine Emick Butts, Nevada  
Rebecca Ann Butts, Bellville  
Mary Blanche Byers, Columbus

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

Margaret Likens Byrum, Columbus  
 Linda Sue Cady, Cuyahoga Falls  
 Bernita Ellen Cagg, Nelsonville  
 Verna Mae Caldwell, Galion  
 Susan Edwina Callender, Xenia  
 Elizabeth Ann Campbell, Columbus  
 Mary Jo Cardi, Columbus  
 Pauline Carmigiano, Cleveland  
 Peggy Susan Carmin, Lakeview  
 Linda Joyce Carpenter, Columbus  
 Becky Roberts Carr, Lima  
 Joseph Lorenzo Carter, Columbus  
 Joanne Elaine Cashell, Lima  
 David Lynn Casto, Columbus  
 Mary Josephine Cattley, Lima  
 Danny Alan Cesner, Columbus  
 Elizabeth Ann Chalker, Granville  
 Vernis Edward Charlton, Uhrichsville  
 Andrea Maan-Kum Chau,  
   Chicago Heights  
 Robert Rockwell Chrisman, Jr.,  
   Worthington  
 Diane Hannah Christenson, Columbus  
 Susan Louise Christie, Euclid  
 Douglas Owen Clark, Huron  
 Karen Marie Clark, Columbus  
 Mildred Anne Clay, Cincinnati  
 Marianne Jane Click, Prospect  
 Brenda Gay Cochran,  
   Cleveland Heights  
 Ralph Jeffrey Collins, Westerville  
 Wayne Lee Collins, Marion  
 Judy Rizer Collmer, Marion  
 \*Bernard Alan Colloff, Teaneck, N. J.  
 Carolyn Colvard, South Euclid  
 Constance Ann Conard, Erie, Pa.  
 Susan Marie Conard, London  
 Clarice Conger-Thompson,  
   Freetown, Sierra Leone,  
   West Africa  
 Karen Louise Congrove, Grove City  
 Shirley Shell Connell, Columbus  
 Phyllis Elaine Cooper, Mechanicsburg  
 Larry Jay Corbin, Hilliard  
 Marilyn Sue Cox, Columbus  
 Susan Jean Rogers Cox, Worthington  
 Jane Elizabeth Craft, Columbus  
   B.A.  
 Ann Margaret Cramer, Findlay  
 Zoa Diane Craumer, Waverly  
 Effie Rahn Criss, Newark  
 Deborah Lynn Crist, Lancaster  
 Elizabeth Irene Czapsky, Cleveland  
 Judith Lynn Dalton, Columbus  
 Janice Lynn Dapp, Springfield  
 Denise Lynne Davis,  
   North Massapequa, N. Y.  
 Elisabeth LeGouis Davis, Worthington  
 Lynne Sandra Davis,  
   New London, Conn.

Michael Patrick Davis, Heath  
 Phyllis Bea Davis, Payne  
 Willie Lee Deadwyler, Chagrin Falls  
 Vicki Rene DeBolt, Marion  
 Danny Lee Dennis, Beloit  
 Cynthia Marie Deren, Cleveland  
 Nancy Anne Dibert, Westerville  
 Margaret Anne Diehl, Butler, Pa.  
 Patricia Louise Diehl, Galion  
 Dianne Margaret Clarke Dixon,  
   Columbus  
 Janice Elaine Dixon, Gary, Ind.  
 Janice Allyn Doctrow, Cincinnati  
 Linda Maria Dominik, Celina  
 Robert Horace Dorn, North Olmsted  
 Sandra Richwine Dow, Columbus  
 Sylvia Anne Dozer, Columbus  
 Barbara Ellen Drake, Coshocton  
 Ray Phillips Drexel, Cleveland  
 Laddie James Duchon, Ashville  
 Susan Ann Dunn, Columbus  
 Dan Michael Dupler, Columbus  
 Jayne Elizabeth Dysinger, Tipp City  
 Harvey Edward Eader, Whitehall  
 Gregory Paul Easterly, Tifton, Ga.  
 Carolyn Ann Eddleblute, Columbus  
 Joan Carole Edelson,  
   Rockville Center, N. Y.  
 Teresa Lynn Edgar, Columbus  
 Wayne Michael Ehret, Newark  
 Michael Ore Emerick, Dayton  
 David Jeffrey Emler, Wooster  
 Sharon Aylsworth Emler, Wooster  
 Madeline Bragar Engolz, Columbus  
 Judith Susan Epstein, Bayside, N. Y.  
 \*Charles Mark Erdy, Columbus  
 Joel Jay Evans, Beachwood  
 Judith Ballenger Eversly, Marion  
 Thomas Myron Eversman,  
   New Knoxville  
 Suzanne Marie Ewald, Toledo  
 Tamara Taylor Ewing, Wapakoneta  
 Susan Gail Faist, Perrysburg  
 Brenda Kay Fannin, Portsmouth  
 Steven E. Fark, St. Marys  
 Terri Lynn Feinstein, Columbus  
 Ricki S. Feldman, Olympia Fields, Ill.  
 Jean Ann Fenner, Plymouth  
 Laurie Jean Ferry, Mentor  
 Philip Robert Fetchik, Cleveland  
 Patricia Lucille Findley, Columbus  
 Wendy Gale Fingerhut,  
   University Heights  
 Renee Marian Fishel, Omaha, Neb.  
 Susan Kay Fisher, Mansfield  
 Ilene Flom Flank, Pittsburgh, Pa.  
 Jerry Duane Fleet, Columbus  
 Mary Dee Foft, Burton  
 Nelson Stanley Ford, Mansfield  
   B.S.

Diane Elizabeth Forsythe,  
   Columbia Station  
 Leslie Anne Franck, Columbus  
 Leslie Ann Frank, Oceanside, N. Y.  
 Dana Lynn Franke, Cincinnati  
 Sandra Lynn Frankhouser, Lima  
 Linda Simon Franklin,  
   Cleveland Heights  
 Thomas Greg Frazier, Warren  
 Maurene Myra Freedman, Columbus  
 Arlene Joyce Freeman, South Euclid  
 Nancy Ann Freeman, Chicago, Ill.  
 Deborah Rose Friedman,  
   Shaker Heights  
 John Samuel Frim, Grove City  
 Sally Jane Fronk, Dover  
 Lois Martin Frost, Marion  
 Donn Lynn Fryman, Cocoa, Fla.  
 Deborah Agnes Fuchs, Oradell, N. J.  
 Judy Carol Fulton, Mentor  
 Linda Ann Fusco, Niles  
 Robin Mirel Gail, Cleveland  
 Kathleen Marie Gallagher, Columbus  
 Nora Patricia Galvin, Cincinnati  
 Kathleen Louise Gardner, Columbus  
 Christine Elaine Garland, Amherst  
 Beverly Erhardt Garrett, Eaton  
 Larry Ronald Garrison, Columbus  
 Sharon Blosser Gawronski, Columbus  
 Arthur Robert Geller, Cincinnati  
 Sotiria Anastasios Genoozis, Columbus  
 William Joseph Gerhart, Cincinnati  
 Penelope Cox Gerken, Barnegat, N. J.  
 Faith Melanie Gertz, Akron  
 James Wilfred Gertz, Navarre  
 Pamela Schaffer Gianero, Marion  
 Michael Francis Gibbons, Columbus  
 Vicki Perch Gilbert, Akron  
 Catherine Charleen Gilbreath,  
   Columbus  
 Robert Edward Gill, Dublin  
 Gerald James Giunta, Sandusky  
 Edward Michael Glass,  
   Bronxville, N. Y.  
 William Randolph Glover, Cleveland  
 Karyn Ann Goldberg, Brooklyn, N. Y.  
 Susan Jane Golden, Beachwood  
 Marcie Dale Goldschein,  
   Great Neck, N. Y.  
 Marilyn Dennis Goldzweig, Columbus  
 Carolyn Sue Goodman, Steubenville  
 Karen Sue Goodwin, Youngstown  
 Erma Lois Gordon, Columbus  
 Helen Marsha Gordon, Liberty, N. Y.  
 Linda Susan Gordon, Hillsboro  
 Sharon Rose Gordon, Crestline  
 Mary Robertson Gorton, Columbus  
 Jan Penman Gossman, Hilliard

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Sheryll Hall Goubeaux, Kettering  
 Marie Lynne Gour, Mansfield  
 Helen Mary Gragg, Grove City  
 Charles Frederick Gramly, Mansfield  
 Cynthia Hon Gramm, Columbus  
 Jennifer Greene, Columbus  
 Patricia Gale Grimes, Columbus  
 Dwight Curfman Groce, Grove City  
 Louis George Gross, Columbus  
 Judy Marie Gruber, Marion  
 Patrick Nicholas Guliano, Niles  
 Kathleen Sue Gutman, Botkins  
 Ronnie Gae Haber, Westbury, N. Y.  
 Jeanne Eloise Hackett, Maumee  
   B.B.A. (Ohio University)  
 Lauren Hilma Haertling, Westerville  
 Rebecca Lynne Hafley, Tiffin  
 Christine Hafstad, Dayton  
 Ellen Kay Hagler, Xenia  
 Linda Sue Hale, Jackson  
 Jennifer Lynn Hall, Chardon  
 Ronald Edward Halsey, Ashland  
 Nola Anne Hanek, Parma  
 Kathleen Anne Hanley, Newark  
 Alison Jane Hanson, Dayton  
 Josephine Miller Haran, Columbus  
 Kenneth James Harland, Mentor  
 Carol Schick Harold, Columbus  
 Susan Marjorie Harowitz,  
   Syracuse, N. Y.  
 Eugene Harper, Jr., Columbus  
 Dina Sue Harris, Beachwood  
 Marilyn Jeanne Harris,  
   Cuyahoga Falls  
 Mary Swiney Harris, Greenwiche  
 Marla Yetta Hart, Beachwood  
 Cheryl Irene Hartline, Sugarcreek  
 Martina Beth Harvey, Edison  
 Robert Michael Hathaway, Columbus  
 Cynthia Kay Haubrich, Pataskala  
 Thomas Paul Hauelsen, Columbus  
 Georgia Beshara Hauser, Bedford  
 Nicolynn Sue Hayman, Rocky River  
 Arlene Church Hazlett, Elyria  
 William John Hazlett, Elyria  
 Carol Briggs Heacock, Columbus  
 Joyce Ann Heath, Sedalia  
 James Edward Hedges, Lancaster  
 Deborah Lee Heffner, Mansfield  
 Diane Louise Heffner, Mansfield  
 Julie Polk Heffner, Canal Winchester  
 Marjorie Ann Heininger, Cincinnati  
 Trina DuVon Hennis, Gahanna  
 Cynthia Lou Hepsworth, Newark  
 Barry Alan Herb, Columbus  
 Jay Stuart Herbert,  
   Pompano Beach, Fla.  
 Rosemary Jane Herbert, Columbus  
 Gary Lee Herzbrun, Cleveland  
 Elaine Hess, Marathon, N. Y.

Robert Edward Hickey, Jr., Dayton  
 Christine Kellogg Hiestan, Rome  
 Pamela Sue Higbie, Delphos  
 Kevin Howard Hines, Columbus  
 Karen Jeanne Hires, Toledo  
 Gayle Everitt Hiser, Warren  
 Laura Cathryn Hitchcox, Euclid  
 Suzanne Rizer Hixon, Columbus  
 Christina Maria Hochreiter, Toledo  
 Mark Jon Hoffman, Crestline  
 Carol Rhodes Holfinger, Jefferson  
 Edwin Mark Holmes, Mansfield  
 Gregory Arthur Holmes,  
   Whippany, N. J.  
 Laurel Beth Holtzman, Youngstown  
 Henry Laurens Hopkins, Shelby  
 Carolyn Louise Hopson, Hilliard  
 Colleen Sarah Horner, Sandusky  
 Joyce Lee Horvath, Mentor  
 Mary Helman Hoskin, Willard  
 Robert Ellsworth Hoskin, Willard  
 Linda Lee Hosmer, Bay Village  
 Mary Annie Howell, Toledo  
 Margaret Ann Hoyer, Columbus  
 Ann Elizabeth Hromy, Parma  
 Leslie Phyllis Huber,  
   Little Silver, N. J.  
 Norman Charles Huber, Crestline  
 Judy Carol Huff, Pataskala  
 Thomas Dean Huffman, Holgate  
 Elaine Arrington Humphrey, Tiffin  
 Jennifer Lynn Humphrey, Columbus  
 Mary Elizabeth Hurst, Springfield  
 John William Hust, Cincinnati  
 Willadean Harrison Huston,  
   Worthington  
 Beth Anne Hutchison, Reynoldsburg  
 Barbara Mary Hyatt, Cincinnati  
 Elaine Theresa Ianetti,  
   West Caldwell, N. J.  
 Joseph George Iklody, Cortland  
 Joel Culver Iles, Columbus  
 Rodney Sam Ishida, Columbus  
 Kathryn Law Isler, Prospect  
 James Bernard Jackson, Shelby  
 Nancy Jean Jackson, Cincinnati  
 Steven Donald Jackson, Grove City  
 Marilyn Ann Jacobs, Cleveland  
 Deborah David Jankowski,  
   Fair Lawn, N. J.  
 Dale Ronald Janovsky, Parma  
 Della Jane Jaret, Rego Park, N. Y.  
 Mary Kay Javaras, Cleveland  
 Joseph Stanley Jenkins,  
   East Cleveland  
 Theodore William Jenkins,  
   Canal Winchester  
 Thomas Joseph Jenkins, Wellston  
 Jay Fredrick Jeske, Westlake  
 Linda Luman Johns, Lima

Carol Elaine Johnson, Columbus  
 James Bruce Johnson, Port Clinton  
 Paula Kay Johnston, Mansfield  
 Carolyn Sue Jones, Dayton  
 Melba Jean Jones, Atlanta, Ga.  
 Frayda Milner Kadis, Lorain  
 Karen Lee Kaler, St. Paris  
 Helen Mary Kallis, Lorain  
 Nancy Ann Kane, Euclid  
 Robbin Hutchison Karns, Carrollton  
 Gudrun Renate Kasischke, Dayton  
 Paula Katz, Cincinnati  
 Mary Lehman Kaufman, Fostoria  
 Sheryl Lynn Kaye, Beachwood  
 Vicki Eileen Kaye, Elmont, N. Y.  
   B.S. in Bus. Adm.  
 Anthony David Kazee, Caledonia  
 Bruce Michael Kearns, Columbus  
 Karen Forrer Keene, Whitehall  
 Michael Franklyn Kehoe,  
   St. Paul, Minn.  
 Janice McKee Kelley, New Holland  
 Kathleen Kennedy, Cincinnati  
 Sara Louise Kennedy, Shelby  
 Jean Louise Kepford, Marion  
 Rex William Kern, Lancaster  
 Emily Ann Keysaer, Zanesville  
 Doris Hope Kiken, Jersey City, N. J.  
 Rita Ann Kimball, South Euclid  
 Donald Cummins Kincaid,  
   West Carrollton  
 Sally Ann Kinchy, Cleveland  
 Carmen Ann Kiner, Cincinnati  
 Beverly Jean King, Parma Heights  
 Katherine Esther Kingsbury, Alliance  
 June Alice Kirby, Columbus  
 Karen Marie Kirchner, Parma Heights  
 Joyce Susan Kishner,  
   Oceanside, N. Y.  
 Thomas Joseph Klar, Berea  
 Bonnie Risa Kline, Pittsburgh, Pa.  
 Diane Marie Knapp, Canton  
 Larry Alan Knapp, Lexington  
 Stephen Joel Knouff, Sidney  
 Eric Alan Kohler, Wapakoneta  
 \*Deborah Ann Kohn,  
   Mayfield Heights  
 John Lawrence Kolar, Akron  
 Roger Christian Kollmer, Columbus  
 Martin Michael Komives, Columbus  
 Clare Francis Kosbab, Blacklick  
 Donna Maria Kotowich, Lyndhurst  
 Robert William Kratzer, Sardinia  
 Leslie Noble Krause, Bedford  
 Stephanie Ann Kreisberg,  
   Bayside, N.Y.  
 Jean Wenning Kremer, Coldwater

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Debra Lee Krenzler, Beachwood  
 Steven Krieger, Cincinnati  
 Ellen Gay Kronheim, Shaker Heights  
 Karen Ann Kruse, New Knoxville  
 Marilyn Erma Kruse, Columbus  
 Ellen Marsha Kuby, Cincinnati  
 Lindi Elaine Kuchta, Cleveland  
 Daniel Orloe Kuck, Lima  
 Melody McLaughlin Kuhl, Columbus  
 Carol Joanne Kuhn, Hilliard  
 Nancy Ann Kundla, Aliquippa, Pa.  
 Kathleen Ellen Kuns, Dayton  
 Larry Herman Kuyper, Lisbon  
 Shelley Theda Lacoy,  
 Valley Stream, N. Y.  
 Lewis Hobart Lady, North Robinson  
 Sandra Kaye Lamb, Elida  
 Sonja Elaine Lamoree, Warsaw, Ind.  
 Sally Jo Landshuft, Newfane, N. Y.  
 William Robert Lane, Piqua  
 Rebecca Reeder Langley, Columbus  
 JoAnn Sommers Latta, Grove City  
 Douglas Merle Laucher, Marion  
 Sondra Sue Laughery, Utica  
 Rene Marie Lawson,  
 West Portsmouth  
 Jo Ellen Layton, Springfield  
 Linda Jelercic Lazar, Cleveland  
 Luba Rita Lazaroff, Columbus  
 Linda Kay Lease, Greenville  
 Mary Anne Ledinsky, Columbus  
 Marjorie Sue LeGalley,  
 Bowling Green  
 David Frank LeGates, Cleveland  
 Susan Beth Lehigh, Uhrichsville  
 Stephen Alexander Lengyel, Lorain  
 Robert Thomas Lennon, Columbus  
 Donna May Lentz, Sandusky  
 Carol Lynn Levenberg,  
 East Meadow, N. Y.  
 Lynn Beth Levy, Larchmont, N. Y.  
 Donna Adrienne Lieberman,  
 Cleveland Heights  
 Sylvia Yvette Liggins, Columbus  
 Betty Carol Lightfoot, Hilliard  
 Gary Robert Limbach, Westerville  
 Jane Diane Linden, Cleveland  
 Mary Alicia Litts, Newark  
 Linda Louise Loftis, St. Marys  
 Deborah Logue Logan, Columbus  
 Ronald Paul Logan, Pomeroy  
 Kenneth Stephen Long, Brecksville  
 Mary Ann Olszewski Long,  
 Brecksville  
 Carlo Ledo Lorenzetti, Jr.,  
 Seneca Falls, N. Y.  
 Deborah Mary Loveland, Chardon  
 Robert Miller Lowe, Jr., Columbus  
 Ann Howe Loy, Wapakoneta  
 Martha Edwards Loy, Newark

Joyce Arlene Lubin, Columbus  
 Linda Ann Lumpkin, Wilmington  
 Mary Margaret Lyons, Columbus  
 Michael James Mahoney, Columbus  
 Pamela Sue Maier, Cambridge  
 Merle Phyllis Maloff, Syracuse, N. Y.  
 Michael Leslie Manes, Warren  
 Ronnie Mae Mann, Livingston, N. J.  
 Susan Elaine Mann, Jackson Center  
 Michael Edward Manoloff, Dayton  
 Carol Fink Marks, Columbus  
 Bette Williams Marschall, Westerville  
 James Charles Marshall, Toledo  
 Lucy Elizabeth Martin, Troy  
 Thomas William Martin, Columbus  
 Marie Katherine Martindale, Newark  
 Richard Allen Maurer, Dover  
 Barbara Puckett Maxwell, Springfield  
 James Joseph Mayer, Jr., Mansfield  
 Bonnie Cynthia Mazer, Dayton  
 Edwin Lee McCandless, Fostoria  
 Steven Clayton McCaw, Columbus  
 William Patrick McCleave, Parma  
 Bryan John McClelland, Bellville  
 John Maxwell McConagha,  
 Worthington  
 Pamela Whyte McCourt, Amherst  
 Judith Lynn McFarland, Canal Fulton  
 Robert Francis McGivern, Jr.  
 Columbus  
 Nancy Lee McLemore, Springfield  
 Linda Sue McOwen, Pandora  
 Michael Allen Mead, Columbus  
 \*Joanne Frances Meisler, Belpre  
 Barbara Goret Meltzer, Cincinnati  
 Gary David Mercer, Van Wert  
 Patricia Burke Merrill, Columbus  
 Robert Joseph Mersy, Mentor  
 Rhodella Lynn Metz, Marion  
 Louise Ann Michaelis, Lakewood  
 Jill Ann Mikola, Vermillion  
 Arthur Alan Miller, Millersburg  
 Barbara Nancy Miller,  
 University Heights  
 Jerry Lynn Miller, Lexington  
 Kathryn Sue Miller, Cincinnati  
 Linda Goodrich Miller, Columbus  
 Frederick Louis Millet, Troy  
 David Charles Milligan, Shelby  
 Douglas Milo, Steubenville  
 Marjorie Lois Mintz,  
 Morristown, N. J.  
 Mary Catherine Missig, Sandusky  
 Steven Scott Mitchell, Ostrander  
 Nancy Ann Moeller, Cincinnati  
 John James Moffett, Sandyville  
 E.A.  
 Jan Nelson Moore, Willowick  
 Janis Leland Moran, Cambridge

Jeanette McCreery Moreland, Galena  
 Michael Ernest Morris, Bellefontaine  
 Michael Leslie Moser, Dalton  
 Barbara Sue Muehlenhard, Cincinnati  
 Kathryn Jayne Mueller, Lakewood  
 Sharon Lynn Muko, Elyria  
 Glenn Robert Munch, Fairfax, Va.  
 Patricia Ann Murray, Cincinnati  
 Marsha Claire Myers, Columbus  
 Melanie Fay Myers, Greenville  
 Helen Niese Nagel, Wapakoneta  
 Diane Cameron Nagy, Cincinnati  
 Elinor Naiburg, Stamford, Conn.  
 Myra Needle, Johnstown, Pa.  
 Linda Pauline Nelson, Mentor  
 Peggy Ellen Nemeth, Orange Village  
 Sandra Welch Nethero, Columbus  
 John Martin Newman, Columbus  
 Renee Sheryle Newman, Berea  
 Amy Nichols, Cincinnati  
 Mary Louise Niehaus, Euclid  
 Margaret Ann Noetzel, Cleveland  
 Ann Marie Noneman, Bryan  
 Robert Owen Noyer, Berea  
 Cheryl Sue Nudd, Columbus  
 Paul Dale Nusbaum, Pandora  
 Michele Jill Oberle, Toledo  
 Carolyn Jeanette O'Harra, Columbus  
 Phyllis Linda Okin, New York, N. Y.  
 Deborah Lee Okrent, Cincinnati  
 Michael James O'Leary, Mansfield  
 Margaret Gwen Oshuns, Beachwood  
 Thomas Gregory Ostoich,  
 Pittsburgh, Pa.  
 Catharine Louise Page,  
 Cuyahoga Falls  
 Marguerite Lynn Pallos, Columbus  
 Connie Jean Palmer, Mansfield  
 Edward Henry Palmer, Columbus  
 Corinne Ruby Palmore, Hollis, N. Y.  
 Sandra Pauline Paoletti, Columbus  
 Patricia Jo Paradise,  
 Highland Park, Ill.  
 Sharon Louise Parsons, Copley  
 Peggy Sue Patrick, Marion  
 Larry Thomas Payne, Columbus  
 Jeri Ann Kipp Penn, Willard  
 Peggy Louise Penrod,  
 Washington C.H.  
 Roger Dean Perry, Loveland  
 Larry Alan Peterfy, Columbus  
 Constance Louise Peters, Marion  
 Randall Carl Peterson, Eastlake  
 Gloria Ann Pettit, Columbus  
 Susan Williams Phelps, Columbus  
 Donna Marie Phillips, Euclid

\* Also Bachelor of Arts, Colleges of the Arts  
 and Sciences  
 † Also Bachelor of Science in Agriculture,  
 College of Agriculture and Home Economics

Linda Maureen Pinciario, Steubenville  
 Alan Harold Podrid, Glen Oaks, N. Y.  
 Deborah Sue Pohl, Norwalk  
 Frank Cleveland Poling, Mansfield  
 Diane Mary Pollick, Toledo  
 Ann Eft Porter, Marion  
 Ellen Rose Porter, Westerville  
 Jack E. Porter, Marion  
 Daniel Mark Post, Lakewood, N. J.  
 Sharon Christine Powell, Toledo  
 Sharran Kay Prater, Lima  
 Cathryn Ann Prati, Waynesburg  
 Renee Shulman Prayzer, Warren, Pa.  
 Charles Robert Price, Dunkirk  
 Linda Sue Price, Galion  
 Penelope Kay Prill, VanWert  
 Pamela Pritchard, Columbus  
 David Charles Pryseski, Akron  
 Patricia Ann Purdy, Springfield  
 Virginia Eileen Pye, Worthington  
 Richard William Rabold, Columbus  
 Eugene David Rackoff, Youngstown  
 Marsha Brooke Radlow, Lorain  
 Marcine Betsy Radov, Erie, Pa.  
 Vicki Joy Ramey, Columbus  
 Coretta King Randall, Delaware  
 Linda Susan Ranker, Tiffin  
 Julia Ann Rauch, Oak Harbor  
 Dianna Joyce Ray, Grove City  
 Paul Richard Rea, Columbus  
 Patricia Gayle Rebol, Willoughby  
 Janis Fox Redman, Columbus  
 JoAnn Wilson Reed, Piqua  
 Garry Regan, University Heights  
 David Jay Reiff, Mansfield  
 Belina Andrea Reisman, Cleveland  
 Barbara Bihl Rhees, Wheelersburg  
 Alexandra Elizabeth Rhodes,  
 Titusville, N. J.  
 Robert Gale Rhodes, Middle Point  
 Jack Lee Riblet, Columbus  
 Mindy Faye Rice, Louisville, Ky.  
 Gail Lee Richardson, Newark  
 Rhonda Smitley Richardson,  
 Columbus  
 Sharon Anne Richtarsic, Columbus  
 Catherine Ruth Rickel, Columbus  
 Mary Susan Rickly, Lakeville  
 John Michael Riley, Cleveland  
 Gerald Everett Roach, Columbus  
 Richard James Roach, Cleveland  
 Max Stanley Roberts, Mansfield  
 Richard Allen Rodger, Barberton  
 Herbert John Rogers, St. Marys  
 Mark Robert Roggenkamp, Dayton  
 Christine Roksandic, Parma  
 Paul Anthony Roman, Brooklyn, N. Y.  
 Mary Jane Smith Roscoe, Marion  
 Stephen Andrew Rose, Columbus

Leslie Jacoby Roseman, Lorain  
 Phyllis Terry Rosenberg, Cleveland  
 Joellyn Lee Ross, Cuyahoga Falls  
 Rande Sue Ross, St. Louis, Mo.  
 Leslie Ellen Roth, Canton  
 Arlene Sue Rothenfeld, Beachwood  
 William Jeffrey Rothman, Avon Lake  
 Barbara Katz Rothstein, Euclid  
 James Richard Rough, Naperville  
 Susan Elaine Rowley, Cortland  
 Michele Rudofsky, University Heights  
 Edna Gail Russell, Columbus  
 Brenda Lee Sabados, Sayreville, N. J.  
 David Leon Sachleben, Kettering  
 Iris Gayle Salzman, Morton Grove, Ill.  
 Judith Knowles Samples, Powell  
 Carol Wert Sanders, Marion  
 Shirley Ann Sanders, Montpelier  
 Dorie Paige Sandler,  
 Swampscott, Mass.  
 Sally Irene Scarbino, Sebring  
 Lynda Lew Simmons Schaffer,  
 Columbus  
 Janet Lee Scharer, North Royalton  
 Rande Sue Schatz,  
 Springfield, Va.  
 Lynn Ronnie Schechter,  
 Oceanside, N. Y.  
 Paula Schenk, Lima  
 Sue Johnson Schiff, Circleville  
 \*Mary Ann Schirtzinger, Columbus  
 Melody Carlsen Schlobin, Columbus  
 Ronald John Schmid, Columbus  
 Rita Catherine Schneemilch, Columbus  
 Darla Kay Schneider, Cleveland  
 Frank Adolph Schneider, Jr., Fremont  
 Thomas Edwin Schoener, Jr.,  
 Columbus  
 Dianne Hofmann Schott, Rockford  
 Patricia Lee Schumann, Cleveland  
 \*Barbara Ellen Schussheim,  
 East Islip, N. Y.  
 Margaret Susan Schwab, Germantown  
 Linda Marie Schwan, Jeromesville  
 Mary Catherine Schweitzer, Niles  
 Ronnie Ellen Schwinder,  
 Teaneck, N. J.  
 Dennis Anthony Schwinnen,  
 Spencerville  
 Clyde Sheldon Scoles, Columbus  
 John Clinton Scranage, Louisville  
 Wayne Allen Secord, Columbus  
 Karen Sue Sedgwick, Columbus  
 Karin Christine Seeger, Cincinnati  
 Barbara Jean Seemann, Van Wert  
 Fay Rochelle Seidenfeld,  
 Kew Gardens, N. Y.  
 Joyce Carson Sellati, Lima  
 Robert Lee Shanks, Dayton

Dana Moore Shearer, Worthington  
 Kathleen Berg Shearer, Columbus  
 Sherman Rodney Sheldon, Dublin  
 Laurel Anne Shelly, Thornville  
 Robert Leon Sherwood, Columbus  
 Jeffery Lee Shibley, Strongsville  
 Judith Kay Powell Shick, Rawson  
 Christine Ruth Shifley, Galion  
 Carolyn Crotty Shoemaker, Columbus  
 Victoria Cox Shonebarger, Columbus  
 Jane Ann Shrider, Lima  
 Sharon Davis Shrum, Columbus  
 Susan Lynn Shyatt, Cleveland  
 Margaret Shinners Siebenhar,  
 Cleveland  
 Lynn Meryl Siebert, Fair Lawn, N. J.  
 \*Walter William Sigg, Wauseon  
 Roswitha Sikorsky, Mansfield  
 Carla Susan Silver, Cleveland  
 Barry Roy Silvey, Cleveland  
 Edward Leo Simon, Willowick  
 Gerald Eugene Simonton, Columbus  
 B.S.  
 Julia Anne Sinkey, Grove City, B.A.  
 Kimberly Ann Skivington, Granville  
 Thomas Michael Slattery,  
 Reynoldsburg  
 Jeffrey Alan Slawson, Columbus  
 Steven Lee Sliman, Canton  
 Marsha Elenor Sloan,  
 Cleveland Heights  
 Elizabeth Jo Slovak, Toledo  
 Richard Gaylord Smalley, Plain City  
 Judith Ann Smilan, Lima  
 Camille Ann Smith, Akron  
 Edward Jerome Smith, Warren  
 Joy Ellen Smith, Zanesville  
 Sheridan Lee Smith, Columbus  
 Thomas Robert Smith, Bellville  
 Toni Lynn Smith, Port Clinton  
 Stephanie Rae Snell, Vermilion  
 Rita Elliott Snider, Newark  
 Don Blair Snoke, Columbus, B.S.  
 Jane Ellen Snyder, Belle Vernon, Pa.  
 Marjorie Flick Snyder, Columbus  
 Regina Kay Snyder, Coshocton  
 Clair Woelfel Sollars, Columbus  
 \*Robert Wolf Solomon, Columbus  
 JoAnn Somerville, Richmond  
 Barbara Sheryl Sonabend,  
 Binghamton, N. Y.  
 Beth Robin Sosin,  
 Fresh Meadows, N. Y.  
 David Lee Spangler, Shelby  
 Susan Crozier Speer, Columbus  
 Belinda Jo Spencer, Medina

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

\*Carl Alonzo Spencer, Jr., Salem  
 Holly Anne Sperling, Cleveland  
 Anne Claire Spicer, Circleville  
 Janet Sue Spidle, Massillon  
 Otto Edwin Stace III, Columbus  
 Bethany Kay Stanbery, Rocky River  
 Cheryl McClish Stebbins, Toledo  
 Janet Lee Steele, Newark  
 Ronald Marc Stein, Columbus  
 Mary Kirker Stenner, Coshocton  
 Stephen Edward Stenner, Coshocton  
 John Richard Stephens, Marysville  
 Stephanie Trudi Stern, Beachwood  
 Karen Sue Stevens, Columbus  
 \*Mark Oliver Stevens, Poland  
 James Russell Stillwagon, Mt. Vernon  
 Susan Claire Stocksdale,  
 New Philadelphia  
 Roger Calvin Storm,  
 Washington C. H.  
 John David Stout, Cuyahoga Falls  
 Lindsey Alexander Stout, Columbus  
 Elaine Harriet Stroom, Cleveland  
 David Neal Stroh, North Olmsted  
 Mary Frances Stuck, Kenton  
 David Clair Stultz, Bluffton  
 Nancy Lou Sullivan, North Olmsted  
 James Edward Swabley, Norwalk  
 Julia Cline Swank, Worthington  
 Eddie Roger Swindall, Columbus  
 Marsha Householder Swinehart,  
 Upper Sandusky  
 Lynn F. Szabo, Wakeman  
 Carol Rudy Tabery, Dayton  
 Leslie Elisabeth Tauber,  
 New York, N. Y.  
 Gregory Paul Taylor,  
 Lincoln Park, Mich.  
 Walter Edson Teeters, Columbus  
 Paulette Sue Tharp, Chardon  
 Nancy Jean Thompson, Lakeville  
 Robert Nolan Thompson, Waverly  
 Susan Jean Thornblade, Scottsdale, Pa.  
 Jill Alane Thornton, Cincinnati  
 Robert Edwin Thornton, Columbus  
 Merriel Sargeant Thorp,  
 Rochester, N. Y.  
 Joan Eilsabeth Tieben, Wapakoneta  
 Richard James Tilton, Columbus  
 Pamela Jean Tolbert, Martins Ferry  
 Susan Elaine Trager, Columbus  
 \*Laurel Hover Trimble, Parma  
 Richard Joseph Troha, Cleveland  
 Randall Keith Tschantz, Mansfield  
 Gloria Louise Tschumper, Columbus  
 Patricia Ann Tyler, Parishville, N. Y.  
 Mary Ellen Anderson Tyus, Columbus  
 Maxine Groves Underwood, Warsaw

Ruth Ellen Unsworth, Steubenville  
 Yolenda Urso, Lorain  
 Susan Mary Vahey, Youngstown  
 Nancy Ann Valentine, Dennison  
 Michele Hebert Vana, Cleveland  
 Joellen Vandemark, Greenfield  
 Joseph Byron Vanderson, Columbus  
 \*James Edwin Van Fossen, Columbus  
 Jean Anne Van Winkle, Columbus  
 Linda Kay Varga, Columbus  
 Deborah Lee Vivian, Columbus  
 Michele Gail Vogelman,  
 University Heights  
 Sandra Joan Vondruska, Brookpark  
 Barbara Louise Voorhees,  
 Chagrin Falls  
 Judith Friedmar Wagner, Toledo  
 Pearl Sheldon Waitman, Waynesfield  
 Elyse Hope Waldman, Dayton  
 Charles Foy Walker, Willoughby  
 Mary Lynnette Walker, Springfield  
 Richard Ray Walker, Raymond  
 Lynn Allen Wallace, North Ridgeville  
 Kathleen Ann Waltz, Port Clinton  
 Susan Jane Warnecke, Ottoville  
 Jane Louise Warren, Columbus  
 Lytta Earlene Waters, Newark  
 John Wayne Weaver, Brunswick  
 Paula Sue Weaver, Circleville  
 Nancy Wasserman Weimer, Toledo  
 Mary Jo Weingart, Galion  
 \*Michael Solomon Weiss, Cleveland  
 Barbara Diane Weissman,  
 Whitestone, N. Y.  
 Stephen Edwin Weithman, Galion  
 Mary Susan Wenner, Toronto  
 Roy Alvaris West, III,  
 Annandale, Va.  
 William George Weston, Jr., Eastlake  
 Paul Dennis Weyand, Columbus  
 Mary Patricia Weyer, Marion  
 Nelson Edward Whisler, Mansfield  
 Nancy Jane Whitacre, Morrow  
 Kelline Ann White, Columbus  
 Karen Robbins Whitney, Worthington  
 Karen Ann Wilhelm, Lorain  
 \*Teresa Jean Wilkin, Lynchburg  
 Ted Earsley Wilkinson, Columbus  
 Constance Ellison Williams, Columbus  
 JoAnne Cochran Williams,  
 Warrensville Heights  
 Susan Joan Williams, Hillsboro  
 Deborah Ruth Wills, Columbus  
 Charlene Faye Wilson, Lorain  
 Joyce Ann Wilson, Columbus  
 Margo Anita Wilson, Columbus  
 Constance Waynetta Wisler, Alliance  
 Betsy Ann Wolen, Cleveland  
 Andrea Karen Wolf, Cincinnati

Ellen Sue Wolf, Cincinnati  
 Patricia Dawn Wolf, Valley City  
 Sondra Teich Wolf, Eastchester, N. Y.  
 Bruce I Wolford, Kingston  
 Carol Eugene Wolinsky, Cleveland  
 Anita Diane Wolk, Dayton  
 Lana Elizabeth Wood, St. Marys  
 Sharon Lee Wood, Columbus  
 Julia Kramer Wooley, Whitehall  
 William Eugene Wooster, Columbus  
 Jerry Lewis Worsted, Olmsted Falls  
 Susan Trout Worthley, Columbus  
 Michael Harmon Wurst, Delphos  
 John William Wylie, Columbus  
 Joan Teresa Yatras,  
 Hicksville, N. Y.  
 Barbara Ann Bootes Yoder,  
 Temple City, Calif.  
 Joyce Ann Young, Columbus  
 Laurie Ann Young  
 University Heights  
 Cynthia Zachary, Cleveland  
 Linda Kathleen Zielinski,  
 Bedford Heights  
 Gloria Mae Ziskind, Columbus  
 Renee Louise Zody, Perrysville  
 Donald Lewis Zoellner, Bethel  
 Dale Paul Zucker, University Heights  
 Jeffrey Donald Zupp, Bellefontaine

**Bachelor of Art Education  
 Offered jointly by the  
 College of The Arts and the  
 College of Education**

Nineteen candidates

Virginia Mary Adams, Vineland, N. J.  
 Lillian Birnbaum, Columbus  
 Suzanne Katherine Blanchet,  
 Coshocton  
 James Glen Branscom, Bellefontaine  
 Stephen Irving Edelman, Toledo  
 Patricia Belloni Eichel, Brewster  
 Cheri Ellen Johnson, Wooster  
 Kristen Anderson Kerr, McLean, Va.  
 Stephanie Miller Klug, Cleveland  
 Cathy Dianne Mayer, Columbus  
 Carroll David Neidhart, Marion  
 Phyllis Hope Orzan, Cleveland  
 Patricia Manderling Roberts, Columbus  
 Edward Burl Ross, Coshocton  
 Nancy Ellen Sarns, South Euclid  
 Craig Richard Wilkinson, Van Wert  
 Karen Jeanne Williams, Hillsboro  
 Gwendolyn Jones Winnard, Columbus  
 Patricia Ann Worthy, Canton

\* Also Bachelor of Science in Agriculture,  
 College of Agriculture and Home Economics  
 \* Also Bachelor of Arts, Colleges of the  
 Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education

Thirty candidates

Bruce Craig Amsel, South Euclid  
Alan Armstrong, Columbus  
Edward Paul Asmus, Jr.,  
Honolulu, Hawaii  
Alice Diane Bakos, North Ridgeville  
John Brian Bonner, Columbus  
Sally Jean Bowers, Dover  
Jon Nelson Brown, Caldwell  
Brian Carlson Burnes, Columbus  
Kathryn Kriechbaum Chappell,  
North Olmsted  
Richard Michael Chitty, Columbus  
Sandra Jo Hilbert, Piqua  
Thomas Weldon Hill, Columbus  
Martha Andres Lang, Columbus  
John Dale Lesnansky, Mingo Junction  
June Lilygren, Westerville  
Janet Louise Lutz, Columbus  
Mary Lou Zimmerman Meacham,  
Mansfield  
Mary Elizabeth Owens, Jeffersonville  
Rebecca Sue Peppard, Warren  
Brenda Kay Porterfield, Caledonia  
Ronald Harry Remy, Columbus  
Mary Jo Schager, Parma  
John Philip Schmidt, Columbus  
Robert Wesley Shaver, Gallipolis  
Roger Wayne Stagger, Wilmington  
\*William Theodore Stewart, Jr.,  
Worthington  
Martha Houk Stought, Gahanna  
Susan Ailene Woodruff, Tiffin  
Judith Safstrom Zang, Columbus  
Raymond George Zizka, Parma

### Bachelor of Aeronautical and Astronautical Engineering

Fifteen candidates

Thomas Hoovler Aishton, Newark  
Larry Dean Blalock, Akron  
Charles Walter Brown, Bethesda  
David Charles Clinger, Columbus  
Darrell Charles Dragich, Alliance  
Austin Lewis Evans, Geneva  
Michael William George, Kent  
Donald Edward Heath,  
Cinnaminson, N. J.  
Roger Edward Hollenbaugh,  
Middletown  
Herald Steven Mizer, Coshocton  
John William Powell, Cincinnati  
Dennis Stanley Powell, Zanesville  
James Russell Reichenbach,  
Columbus Grove  
Robert Thomas Rohrer, Canton  
Roger Frank Wickert, Norwalk

### Bachelor of Science in Aeronautical and Astronautical Engineering

Twenty-three candidates

Jerry Wayne Bain, Dixon, Ill.  
Philip Colin Combs, New Carlisle  
Daniel Lanier Dickerson,  
New Carlisle  
Thomas Robert Ecrement, Canton  
Terry Lee Few, Dayton  
Richard Lamar Frantz, Troy  
David William Hall, Columbus  
B.S. in Bus. Adm.  
James L. Harvey, Westerville  
James Samuel Kelm, Lisbon  
Doon Randolph Lee, Akron  
Gary Lou Lukasik, Parma  
James Lewis Mace,  
Bonners Ferry, Idaho  
Joel William Marzeski,  
Richfield Springs, N. Y.  
Robert Scott McFarland, Columbus  
James Gerhard Moeller, Maria Stein  
Anthony Roger Montero, Columbus  
Dale Lloyd Robinson, Radnor  
Patrick William Roche, Celina  
Frederick Colson Rodgers, Cheshire  
James Nicholas Scott, Bainbridge  
Hamid Shoae, Tehran, Iran  
Thomas Philip Spies, Columbus  
Robert John Watts, Euclid

### Bachelor of Agricultural Engineering

One candidate

Richard Lee Stroshine, Oregon

### Bachelor of Science in Agricultural Engineering

Three candidates

Daniel Mark Alt, New Riegel  
Paul Thomas Shupert, Seaman  
Michael Ben Timmons, West Jefferson

### Bachelor of Ceramic Engineering

One candidate

William Latham Breunig, Cincinnati

### Bachelor of Science in Ceramic Engineering

Four candidates

Thomas Edward Dixon, Shreve  
Howard Leroy Downing, Columbus  
Larry Steven Sears, Dayton  
Ronald Earl Stauffer, Marion

### Bachelor of Chemical Engineering

Fifteen candidates

Leonard Charles Angello, Cleveland  
Marc Marcis Daiga, Toledo  
Juliet Ann Davison, Urbana  
Dale Allen Draudt, North Olmsted  
Kerry George Hertenstein, Cincinnati  
John Dent Hoover, Jr., North Canton  
Philip George Knowles, Akron  
Michael William Kosakowski, Toledo  
John William Meredith, Cleveland  
Philip Jerome Meves, Alliance  
Robert Lee Mills, Columbus  
Richard Earl Morrical, Columbus  
<sup>1</sup>Harrison Lowe Stebbins, Sylvania  
Charles Louis Steel, Frankfurt  
Paul Russell Swartz, Perrysburg

### Bachelor of Science in Chemical Engineering

One candidate

Paul Michael Greenberger, Lyndhurst

\* Also Bachelor of Music, Colleges of the  
Arts and Sciences

<sup>1</sup> Also Master of Science, Graduate School

### Civil Engineer

Six candidates

René Gonzalo Azcui, La Paz, Bolivia  
B.S. (University of Kansas)  
Gowkarran Budhu,  
Georgetown, Guyana  
Erich P. Ivanschitz, Santiago, Chile  
B.S. (Universidad de Chile)  
Gregorio B. Macatangay, Jr.,  
Rizal, Philippines  
B.S. (Polytechnic Colleges of the  
Philippines)  
Adalberto Paredes-Suazo,  
Tegucigalpa, Honduras  
B.S. (Universidad Nacional  
Autonoma de Honduras)  
Govindan Ratnavelu,  
Gandhinagar, India  
B.E. (Annamalai University,  
India)

### Bachelor of Civil Engineering

Five candidates

\*Alan Cary Aikman, Celina  
Kam Robert Deetz, Cleveland  
\*Thomas William Kovac, Cleveland  
Ronald Edson Rager, Columbus  
William Bruce Thayer, Seville

### Bachelor of Science in Civil Engineering

Twenty-seven candidates

Gregory Lee Bonner, Dayton  
Delbert Franklin Boring, Jr., Hilliard  
Gary Joe Durbin, Centerburg  
David Russell Easter, Seaman  
Juanita Dale Elliot, Columbus  
Danny Dale Farmer, Finley, Ky.  
Harold Kenneth Freeman, Sandusky  
Gordon Bruce Gear, Cincinnati  
Michael Charles Hilgeman,  
Montgomery  
Robert Williams Hooks, Columbus  
George Paul Jackson, Cleveland  
James Edward Kelley, Gambier  
Fred Arthur Klingelhafer, Galion  
David John Lepisto, Fairport Harbor  
Roger Dean Little, Ashland  
David Ray Lynd, Ironton  
Thomas James Oswald, Columbus  
Stephen Joseph Parzinger, Columbus  
Theodore Michael Prinz, Cleveland  
James Allan Rehoreg, Elyria

James Francis Shott, Parma  
David Gene Summy, Dayton  
Larry Francis Sutherland, Dayton  
William Thomas Temple, Leesburg  
Robert Wayne Tullett, Columbus  
John William Vornholt,  
New Knoxville  
Marvin Woode Ward, Elyria

### Bachelor of Science in Computer and Information Science

Twelve candidates

Wayne Maurice Beedle, Boonton, N. J.  
Ted Cooper, Colchester, Vt.  
Omar Ray Cordial, II, Worthington  
Anthony Michael DelCol, Columbus  
David Frank Francisco,  
Canal Winchester  
Dennis Clarence Kreuser,  
Slinger, Wis.  
George Jay Lipovich, II, Columbus  
†Richard Eugene Mallett, Springfield  
Thomas Edward McConnell,  
Bellefontaine  
Charles Adrian Patten, Hamersville  
Larry George Speth, Fairview Park  
Thomas Ray Welch, Lexington

### Bachelor of Electrical Engineering

Twelve candidates

\*Bruce Thatcher Beck, Dayton  
\*John Jasper Bolinger, Jr., Beverly  
David Ellis Born, Columbus  
James Harry Carr, Los Angeles, Calif.  
George Ernest Edenfield, Batavia  
Hai-sen Ho, Manila, Philippines  
Philip Joseph Koenig,  
East Northport, N.Y.  
Peter Edwin Miller, Hollywood, Fla.  
Robert Arthur Pautsch, Worthington  
Philip Leroy Sheely, Sidney  
\*Richard Franklin Snyder, Perrysville  
Bruce Calvin Trott, Columbus

### Bachelor of Science in Electrical Engineering

Fourteen candidates

Dennis Craig Bockus, Canton  
Ralph Edward Brunner, Salem

John Richard Evanko, Fairview Park  
Richard H. Hafner, Coshocton  
Stephen Curry Hall, Columbus  
James Howe Hartzell, Columbus  
Ronald Lee Hartung, Columbus  
Jack William Heller, Warren  
James Harvey Hutson, Columbus  
William Allen Rohrer, Canton  
Dwight Richard Straker, Columbus  
Gary Thomas Swank, Cuyahoga Falls  
Robert Francis Tournoux, Canton  
Dobe Edward Ulmer, Alliance

### Industrial Engineer

One candidate

Arturo Dessommes-Ortiz,  
Mexico City, Mexico  
Ingr. Mech., (Instituto Politecnico  
Nacional Subdereccion, Tecnica,  
Mexico City, Mexico)

### Bachelor of Industrial Engineering

Nine candidates

Gary Ray Armstrong, Hamilton  
\*James Lee Balthaser, Columbus  
Philip Leslie Bitzer, Painesville  
Albert Lee Knicely, Zanesville  
†Richard Eugene Mallett, Springfield  
Gerald George Pall, Parma Heights  
Joseph Ray Rogers, Lancaster  
Robert Ray Saviers, Tallmadge  
Jeffrey Forest Servies, Chatfield

### Bachelor of Science in Industrial Engineering

Fourteen candidates

Lawrence Doyle Brill, Warren  
David Joseph Fredericks, Marblehead  
Ivan Allan Gold, Columbus  
Donald Lynn Klingensmith,  
Leechburg, Pa.  
Stephen Clark Knowlton, Columbus  
Michael Kollar, Leechburg, Pa.  
Geoffrey Allen Lieberman,  
Cleveland Heights  
James Ernest Sibert, Columbus  
Steven Dennis Sličko, Parma

† Also Bachelor of Industrial Engineering  
College of Engineering

\* Also Bachelor of Science in Computer and  
Information Science, College of Engineering  
• Also Master of Science, Graduate School

James Stuart Spaulding, Newark  
George Aaron Taylor, Columbus  
Timothy Jon Todd, Westlake  
Roman Alden White, Columbus  
Michael William Zim, Columbus

**Bachelor of Mechanical Engineering**

Eleven candidates

Michael Joseph Antochow,  
Maple Heights  
Michael Thomas Collins, Columbus  
Russell Henry Doan, Fairview Park  
Ralph Gilbert Eslinger, Elyria  
Frederick Neal Lorenz,  
New Philadelphia  
Robert Angelo Maffei, Solon  
\*James Gregg Matson, Worthington  
James Eugene Schimpf, Bloomville  
Colin Charles Ward, Bellefontaine  
Dennis Mack Williams, Wooster  
James Arthur Youngs, Bradner

**Bachelor of Science in  
Mechanical Engineering**

Twenty-five candidates

Hisham Baghdadi, Beirut, Lebanon  
James Arthur Burns, Ashland  
Thomas Henry Dalrymple, Mt. Gilead  
Dwane Lynn Ferguson, Mansfield  
Dale Thomas Jessop, Mansfield  
Gerald Robert Kellar, Massillon  
Daniel Eugene Kimmet, Delphos  
Michael James Lannan, Columbus  
Gregg Harvey Leeb, South Euclid  
James Arthur Leflar, Oxford  
James Joseph Loschiamo, Troy  
Richard Julius Lueders, Jr.,  
Cincinnati  
Kenneth Eugene Lust, Nevada  
Judson Francny Martt, Amsterdam  
Tom Milton McNaull, Ashland  
Robert Joseph Ouellette, Sanford, Me.  
Conrad Joacium Palumbo, Painesville  
Douglas Raymond Price, Dayton  
Larry Michael Prox, Warren  
William Carl Rozum, North Royalton  
Russell Shimandle, Jr.,  
North Royalton  
Richard Craig Swindler, Wilmington  
John David Weaver, Hilliard  
Robert Leo Wenning, Coldwater  
William Douglas West, Fairborn

**Bachelor of Metallurgical Engineering**

One candidate

Rodger Keith Bloomfield, Portsmouth

**Bachelor of Science in  
Metallurgical Engineering**

One candidate

Michael Harold Boggs, Columbus

**Bachelor of Science in Physics**

one candidate

\*Richard Allen Jordan, Cincinnati

**Bachelor of Science in  
Engineering Physics**

Twelve candidates

Ralph Sanford Bryan, Dayton  
Bruce Elwood Byrket, Kettering  
Geoffrey Harlan Gold, Shaker Heights  
David Paul Grubb, West Chester  
Roger Clark Harrison, Columbus  
Albert Edward Mazei, Independence  
Ralph Edward Russell, Lucasville  
Stephen Seng, Cleveland  
Charles Terkun, Cleveland  
Bruce Jeffrey Veazie, Granville  
Gary Eugene Williams, Newark  
Jeffrey Roland Wyvill, Avon Lake

**Bachelor of Welding Engineering**

Five candidates

Terry Lynn Chapman, Columbus  
Edward Eugene Feikert, Columbus  
David Albert Fields, Belpre  
Ray Allan Somers, Alliance  
Donald Lee Spahr, Springfield

**School of Architecture**

**Bachelor of Architecture**

Thirty-one candidates

William John Black, Jr., Columbus  
Albert Andrew Boughey, Columbus  
Samuel Richard Brown, Columbus  
Philip Neil Buckley, Columbus  
David Jon Dahnke, Sandusky  
Eliot David Diamond,  
Havre De Grace, Md.

Thomas Edward Drerup, Columbus  
Mark Richard Fenton, Columbus  
B.S. (Capital University)

James Francis Frantz,  
Garfield Heights  
Pasquale Charles Grado,  
East Meadow, N. Y.  
Elias Peter Grivas, Columbus  
John Carl Gross, Columbus  
James Bradley Heller, Beachwood  
David Charles Hughes, Columbus  
Michael Thomas Kalb, Bucyrus  
Jesse Douglas Kidd, Xenia  
Bertram Parker Massman, Columbus  
A. B. (Marietta College)  
Stephan Paul Nelson, Kettering  
Joel Lawrence Schwarz,  
Cleveland Heights  
Jane Alice Shapiro, Westfield, N. J.  
William Harold Sims, Columbus  
Alan Lynn Sulser, Columbus  
Thomas Bernard Thickett, Dayton  
David Lawrence Tritt, Heath  
Robert Anthony Tufano,  
Paterson, N. J.  
Robert George Uhlenhake, Minster  
James Lewis Wallace, Westerville  
Jerry Allen Walter, Perry  
Alfred Philip Wangenheim, Jr.,  
Hicksville, N. Y.  
John Frederick Webb, Fostoria  
Keith Bailey Wilson, Toledo

**Bachelor of Science in Architecture**

Twenty-one candidates

Carl Frank Baughman, Columbus  
Larry Robert Browne, Columbus  
Danny Joe Cline, Columbus  
Robert Dwight Connors,  
Portage, Mich.  
Dennis Craig Davison,  
Farmingdale, N. Y.  
Stephen Paul Dixon, Tallmadge  
Colin Willem Fink, Columbus  
John Woo Fong, Toledo  
Alan James Gravelese,  
Wakefield, Mass.  
David Leroy Lambert, Dayton  
Raymond William Martin,  
Mahopac, N. Y.  
Asmellash Mesghinna,  
Asmara, Ethiopia  
Randall Kent Meyer,  
Huntington Beach, Calif.  
Robert Floyd Ostrander,  
South Glens Falls, N. Y.

\* Also Master of Science, Graduate School

## College of Law

Dean: James C. Kirby, Jr.

Thomas Raymond Poulton,  
New Castle, Pa.  
Joseph Patrick Segna, Columbus  
Joseph Francis Skeele, Columbus  
Robert Huber Toombs, Jr., Columbus  
Albert David Unetic, Columbus  
Terry Allen Wagoner, Zanesville  
Marc Lewis Wiener,  
South Orange, N. J.

### Bachelor of Landscape Architecture

Four candidates

Neil Justin Dean, Euclid  
James Coburn Duncan, Granville  
William George Hendrix, Columbus  
Douglas Ralph Kittle, Maumee

### Bachelor of Science in Landscape Architecture

Two candidates

Michael Thomas Deeter, Greenville  
Gary Freiberg, Los Angeles, Calif.

### Juris Doctor

Ninety-seven candidates

Ronald Edward Alexander, Urbana  
B.A.

Jack Neal Alpern, East Liverpool  
B.A.

Thurman Eugene Anderson, Elyria  
B.A.

Ronald Merrill Baker,  
Englewood Cliffs, N. J.  
B.A.

George Kenneth Barnard, Wooster  
B.A. (College of Wooster)

John Frederick Bender, Bucyrus  
B.A.

Terry Arthur Bethel, Chillicothe  
B.A.

John Charles Biehl, Sandusky  
B.S. in Bus. Adm.

Gary Bruce Bilchik,  
Cleveland Heights  
B.B.A. (Ohio University)

L. Stanley Boord, Marietta  
B.B.A. (Ohio University)

Norman Everett Brague, Wadsworth  
B.B.A. (Ohio University)

Susan Ellen Brown, Columbus  
B.A.

Robert Ewing Buck, Pomeroy  
B.B.A. (Ohio University)

David Douglas Buvinger, Dayton  
B.B.A. (University of Cincinnati)

Howard Stephen Chapman, Cleveland  
B.B.A. (Ohio University)

Frank Ramsey Coates,  
Richmond Heights, Mo.  
B.A. (Earlham College)

William Robert Cobourn, Toledo  
B.A.

William John Conroy, Bay Village  
B.A. (University of Wisconsin)

Harry DeForest Cornett, Jr., Lebanon  
B.A. (Miami University)

Gary Lyle Coxon, Conneaut  
B.S. (Defiance College)

Joseph Cybulsky, Youngstown  
B.A.

Michael George Dane, Euclid  
B.A. (Miami University)

Robert Allen Dierker, Dayton  
B.A.

Francis Bernard Drass, Jr.,  
Detroit, Mich.  
B.S. in Bus. Adm.

Thomas Edward Duffy, Jr.,  
Springfield  
B.S. in Bus. Adm. (Miami University)

Richard Irvin Evans, Coshocton  
B.A.

Charles Francis Fell, Toledo  
B.A. (Marquette University)

Thomas Mac Freiburger, Troy  
B.S.C.E. (University of Cincinnati)

Thomas Alfred Frericks, Marion  
B.A. (University of Notre Dame)

Thomas Wayne Garrison, Seaman  
B.S. in Agr.

Nathan Gordon, Cincinnati  
B.A. (University of Cincinnati)

Gary Douglas Greenwald, Beachwood  
B.A. (Miami University)

Clifford Edward Haines,  
Glenshaw, Pa.  
B.A. (Muskingum College)

Michael Johnston Halleck,  
Bowling Green  
B.A. (Muskingum College)

Robert James Haverkamp, Enon  
B.A.

Bruce Viel Heine, Columbus  
B.S. in Bus. Adm.

James Earl Hensal, Akron  
B.S. in Bus. Adm.

James Moore Herald, Youngstown  
B.A.

John Warren Hilbert, II, Columbus  
B.A.

Gene Richard Hoellrich, Sidney  
B.A.

Robert Louis Holder, Canton  
B.S. in Edu.

William James Hutchins, III,  
Columbus  
B.A. (Northwestern University)

John Stephen Izzie, Columbus  
B.S. in Bus. Adm.

Reginald Sherman Jackson, Jr.,  
Toledo  
B.A.

Jack David Jester, Carroll  
B.S. in Bus. Adm.

Almeta Ann Johnson,  
Martinsville, Va.  
A.B. (Johnson C. Smith University)

Victor Peter Kademenos, Toledo  
B.A. (Ohio University)

William Neal Keadey, Jr., Dayton  
B.A. (Depauw University)

Charles William Kettlewell,  
St. Clairsville  
B.S. in Edu.

James Wilson Kirsch, Portsmouth  
B.A.

Richard Allen Kleine, Centerville  
B.C.E.  
(Georgia Institute of Technology)

Nicholas William Kontras, Columbus  
B.A.

Edward Joseph Korte, Byesville  
B.S. in Edu.

Ronald Alvin Kramer, Cleveland  
B.S. in Bus.Adm.

Will Kuhlmann, Montclair, N. J.  
B.S. (University of Pennsylvania)

Ralph Hershel Lewitt,  
University Heights  
B.A. (Miami University)

John Foster Livorno, Shadyside  
B.S. in Bus.Adm.

Rodney Clark Long, Columbus  
B.B.A. (University of Georgia)

John Michael McDermott, Cleveland  
B.S. (Xavier University, Ohio)

Michael Hugh Mearan, Ironton  
B.S. in Bus.Adm.

Richard David Messerman,  
Shaker Heights  
B.A.

Robert Vincent Miele,  
East Meadows, N. Y.  
B.A. (University of Dayton)

Robert Eric Moore, Findlay  
B.A. (Bowling Green State  
University)

William Frick Morris, North Canton  
B.A. (Mount Union College)

Kenneth Wallace Neidenthal,  
Columbus  
B.A.

James Stern Oliphant, Mayfield  
B.A. (Northwestern University)

Craig William Patton, Athens  
B.A.

Grady Lee Pettigrew, Jr., Columbus  
B.A.

Daniel Anthony Piloseno, Jr.,  
Worthington  
B.A.

John Terrence Porter, St. Clairsville  
A.B. (Ohio University)

Gerald Roger Post, Ashland  
B.A. (Muskingum College)

Thomas Edward Roberts, Cincinnati  
B.A. (Hanover College)

John James Rogan, Youngstown  
B.B.A. (Ohio University)

Charles Saari, New York, N. Y.  
B.S., M.A. (New York University)

David Arthur Samsel, Ashland  
B.S.

George Thomas Sandbach,  
Wilmington, Del.  
B.A. (University of Delaware)

James Charles Sauer, Columbus  
B.S. in Bus.Adm.

Donald Clayton Seelman, Columbus  
B.A.

Mark Donald Senff, Wooster  
B.S. in Phar.

Ross Miller Shepard, Columbus  
A.B. (Colgate University)

Terry Keith Sherman,  
University Heights  
B.B.A. (Ohio University)

Stephen Jesse Smith, Rossford  
B.A. (University of Toledo)

Randolph Lee Snow, Wooster  
B.A. (College of Wooster)

Richard Allan Spencer, Springfield  
B.S. in Bus. Adm.

Richard Gregory Stein, Columbus  
B.A.

Martin Leonard Steinberg,  
East Liverpool  
B.S. in Pharm. (University of  
Pittsburgh)

Robert Gregory Stephens,  
Minneapolis, Minn.  
B.A. (Colorado College)

Jonathan Alan Tarbox, Columbus  
B.A. (Ohio University)

Richard George Terapak, Columbus  
B.A.

David Andrew Turano, Ashtabula  
B.S. in Edu. (Kent State University)

Dennis Albert Valot, Canton  
B.A. (John Carroll University)

Frank Salvatore Virzi, Warrensville  
B.S. in Edu.

Michael Wayne Ward, Englewood  
B.A. (Miami University)

Larry Alan Weiser,  
University Heights  
B.S. in Bus. Adm.

Daniel Augusta Williamson, Warren  
B.S. (Central State University)

Barry Howard Wolinetz, Cleveland  
B.A.

Michael Jay Work, Pleasant Hill  
B.A.

## College of Medicine

Dean: John A. Prior, M.D.

### Doctor of Medicine

One hundred fifty-one candidates

Jeffrey Alan Abrams, Cleveland  
B.S. (University of Pittsburgh)

John Martin Adlard, Dayton  
B.A. (DePauw University)

Rollin Claude Bailey, Marysville  
B.A. (Ohio Wesleyan University)

Raymond Charles Baker, Lewistown  
B.S.

Anna Priscilla Barg, Rossford  
B.S. (John Carroll University)

William Howard Bay, Delta  
B.A. (College of Wooster)

Cash Ralph Beechler, Sylvania  
A.B. (Albion College)

Terence Alan Block, Youngstown  
A.B. (University of Chicago)

Donald Ray Braden, Stow  
B.S.

Joel Hershel Brandt, Columbus  
B.S.

John Kelley Brennan, Cleveland  
B.S. (University of Notre Dame)

Thomas Stephen Breza,  
Cuyahoga Falls  
A.B. (Miami University)

Bruce Alan Brumfiel, Kettering  
B.S. (University of Dayton)

Larry Michael Buchanan, Baltimore  
B.S.

Brian Hugh Casull, Akron  
B.S. (University of Akron)

Lawrence Edward Cohen, Beachwood  
B.S.

David Nathan Cope, Salem  
A.B. (Stanford University)

Charles Joseph Coven, Elyria  
B.S. (University of Dayton); M.S.  
(University of Wisconsin)

Tedd Eugene Dawson, Plymouth  
B.S.

Charles Edwin Deaton, Jr., Hamilton  
B.S. in Phar.

Richard Henry Deerhake, Findlay  
B.A. (University of Rochester)

John Stuart Derbyshire, Edon  
B.S. in Edu.

Clark William Distelhorst, Hilliard  
B.A.

Duane Lee Donovan, Toledo  
B.S. (University of Toledo)

Constance Johnston Doyle, Columbus  
B.S. (Ohio University)

Barbara S. Drabkin, Youngstown  
B.S. (Youngstown State University)

James Nelson Dreisbach, Alliance  
A.B. (Miami University)

John Walter Drury, Willard  
B.S. (University of Notre Dame)

Peter Julian Ewald, Cleveland Heights  
B.S.

John James Fahey, Jr., Evanston, Ill.  
B.S.

James Michael Falko, Cleveland  
B.A. (Ohio Wesleyan University)

Thomas Thurman Fox, Columbus  
B.S.

Kenneth Allen Frankel, Beachwood  
A.B. (Miami University)

Michael Lloyd Franz, Napoleon  
A.B. (Miami University)

\*Robert Francis Gagel, Maria Stein

Mary Ann Umberger Gilchrist,  
Hershey, Pa.  
B.S. (Juniata College)

Thomas Patrick Glynn, Jr., Hamilton  
A.B. (College of the Holy Cross)

Irvin David Godofsky, Columbus  
A.B. (University of Michigan)

Michael James Gordon, Akron  
B.S. (University of Akron)

Joseph Rodney Gottesman, Akron  
B.S. (University of Akron)

Charles Edmund Groncy, Akron  
B.S. (University of Akron)

Paula Kavasch Groncy, Westlake  
B.A. (Valparaiso University)

Dean Allen Grove, Bryan  
B.A. (Manchester College)

Diane Romayne Haas, Perrysburg  
B.S.

Robert Dean Hackett, Apple Creek  
B.S.

Terry Lee Hackney, Akron  
B.S.

Thomas Charles Halpin, Jr., Dayton  
B.A.

John Gilbert Halvorsen, Youngstown  
B.A. (Bethel College)

Robert Steven Hamas, Cleveland  
B.A. (College of Wooster)

Richard James Hendershot, Canton  
B.S. (Capital University)

Larry Allan Hoover, Toledo  
B.S.

James Kyle Horlacher, Kettering  
B.S. (University of Dayton)

Edward Philip Horvath, Jr.,  
Painesville  
A.B. (Western Reserve University)

Thomas Frederick Ignaczak, Toledo  
B.S. (University of Toledo)

Charles Eugene Imbus, Cincinnati  
B.A. (University of Notre Dame)

Joseph Lehig Jensen, III,  
King Of Prussia, Pa.  
A.B. (Lafayette College)

Bruce Alan Jones, East Liverpool  
B.S. (Case Western Reserve  
University)

Herbert Richard Kahn, Columbus  
B.A.

Thomas Robert Kappeler, Dover  
B.S.

Bernard Louis Kasten, Jr., Cleveland  
A.B. (Miami University)

John Paul Kelley, St. Paul, Minn.  
B.S.

John Paul Keyser, Oregon  
B.S. (Bowling Green State  
University)

Samuel Jacob Kiehl, III, Grove City  
B.A.

Don Reese King, Columbus  
B.S.

Carol Irene Kmiec, Toledo  
B.S. in Med. Tech., B.S. (University  
of Toledo)

William Carl Koenig, Jr., Springfield  
B.S.

William Henrik Kose, Pickerington  
B.A.

Lawrence David Krabill,  
Bowling Green  
A.B. (Miami University)

Thomas Edward Lad, Cleveland  
B.A. (Kenyon College)

James Herbert Levi, Dayton  
B.A. (Northwestern University);  
M.S.

\* Also Bachelor of Arts, Colleges of the  
Arts and Sciences

Lance Richard Levitsky,  
Philadelphia, Pa.  
B.S. (Hillsdale College)

Robert Earl Ley III, Dover  
B.S.

Michael William Lindamood, Lorain  
B.S. (Mount Union College)

Michael Charles Maeder, Kettering  
B.A. (DePauw University)

Allen Lee Markowicz, Toledo  
A.B. (Washington University)

Anthony Ralph Marsicano, Jr.,  
Columbus  
B.A.

James Frederick Martin, Barberton  
B.S.

Larry Dale Maxwell, Akron  
B.S. (Colorado College)

Bruce Phillip McCoy, Dayton  
B.S., M.S.

Paul Wesley McFadden,  
Newcomerstown  
B.S. (Muskingum College)

Philip Zeyer McNaughton, Columbus  
B.S.

Harris Jeffrey Melsher,  
Cleveland Heights  
A.B. (Case Western Reserve  
University)

Edward Merves, Lorain  
B.S.

David Herbert Miller,  
Canandaigua, N.Y.  
B.A. (Wesleyan University)

Donald Edmund Miller, Toledo  
B.S. (John Carroll University)

Michael Harry Mishkind, Dayton  
B.S. (Michigan State University)

Paul Stephen Mitch, Cleveland  
B.S. (University of Dayton)

Richard Andrew Mitsak, Youngstown  
B.S.

Jonathan Vail Moulton, Lima  
B.A.

Thomas Lyle Mount, Columbus  
B.A.

Valeriy Moysaenko, Cleveland  
A.B. (Case Western Reserve  
University)

Dale Patterson Murphy, Columbiana  
B.A. (Dartmouth College)

Phillip Francis Nasrallah, Akron  
B.S. (University of Pittsburgh)

Harley Bernard Negin, Lima  
A.B. (Earlham College)

William Lee Newton, Akron  
B.S.

William Huntley Overholser,  
Columbus  
B.S.

Allen Thomas Pack, Cincinnati  
B.A.

Burley James Packwood,  
Billings, Mont.  
B.A. (Northwestern University)

Yvonne Ferguson Panton, Portsmouth  
B.S.

Fredric J. Pashkow, Toledo  
A.B. (Cornell University)

Gary Jack Phipps, Dayton  
B.S.

David Lee Piero, Canton  
B.S. (Mount Union College)

Ronald Carl Pinson, Kettering  
B.A. (Bob Jones University)

Ronald Arthur Pohlmeier,  
Wilmington  
B.A. (Wilmington College); M.A.  
(Washington University)

Phyllis Lausche Price, Athens  
B.S. (Ohio University)

Edward Lewis Clark Pritchett,  
Columbus  
A.B. (Princeton University)

Richard Alan Reinhart, Strongsville  
B.A. (Kent State University)

Howard Jay Reuben, Akron  
B.A.

Jeffrey Lee Rizer, Lorain  
B.A. (College of Wooster)

Stuart Jay Ruben, Columbus  
A.B. (Miami University)

Lawrence Michael Saltis, Stow  
B.A.

Paul Lester Schaefer, Tenafly, N. J.  
A.B. (Earlham College)

John William Schaeffer, Lorain  
B.A. (College of Wooster)

Jon Rodney Schmidt, Plain City  
B.S.

LeRoy Linus Lavern Schroeder,  
Ottawa  
B.S. (Bowling Green State  
University)

John Alan Schuchmann, Mansfield  
B.A.

Edwin Herbert Season, III, Mayfield  
A.B. (Denison University)

Leslie Robert Sheeler, Bedford  
A.B. (Case Western Reserve  
University)

Don Frazier Shook, Jr., Akron  
B.S.

Michael Charles Smith,  
Cleveland Heights  
A.B. (Case Western Reserve  
University)

Timothy Carl Smith, Columbiana  
A.B. (Case Western Reserve  
University)

Richard Andrew Snider, Toledo  
A.B. (Earlham College)

Jerome Charles Spiegel, Dayton  
B.S. (University of Michigan)

°Duane Gerald Spiker, Columbiana  
B.A.

Steven Elwin Starr, Fort Dodge, Ia.  
B.S.

John Walker Steinberger, Columbus  
B.S.

Paul Anthony Steurer, Jr., Akron  
B.A.

Brady B Stoner, Elmore  
B.S. (Capital University)

Peter Nicholas Temesy-Armos,  
Lakewood  
A.B. (Case Western Reserve  
University)

James Nicholas Thompson, Kettering  
B.A. (DePauw University)

James Thomas Thornburgh, Chardon  
B.A. (Amherst College)

Helen Evangeline Tomlinson,  
St. Marys  
A.B. (Olivet Nazarene College)

Alan Theodore Tong, Findlay  
B.S. (Bowling Green State  
University)

Richard Carter Treat, Wooster  
B.S.

Vicki Whitacre Treat, Beverly  
B.S. (Ohio University)

Michael Elwin Van Aman, Mt. Vernon  
B.S. (Bucknell University)

\* Also Master of Science, Graduate School

Grant Karl Varian, East Canton  
B.S. in Nutrition

David Leland Walter, Warren  
B.A.

Noel Jay Watson, Germantown  
B.S.

Richard John Watson, Worthington  
B.S.

Michael James Weaver, Hamilton  
A.B. (College of the Holy Cross)

Robert Jack Weber, Lima  
B.S.

Thomas Richard Weber, Lakewood  
B.A. (Eastern Michigan University)

John William Willis, North Lima  
B.S.

John Joseph Winsch, Newark  
A.B. (Albion College)

Eleanore Louise Wolpaw, Cleveland  
A.B. (University of Michigan)

J. Anthony Wurtsbaugh, Richwood  
A.B. (Denison University)

Johnny Joe Yazel, Lima  
A.B. (Miami University)

Milton Grant Yoder, Mansfield  
B.S.

Emil Christian Ziegler, Hanoverton  
B.S. (Mount Union College)

John Eric Zimmerman, Palmetto, Fla.  
B.A. (College of Wooster); M.S.

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

Twelve candidates

Kathleen Mae Share Bidwell, Dayton  
Ann Elizabeth Broadhurst, Columbus  
Jo Anna Faris, McArthur  
Nancy Sue Hardman, Lyndhurst  
Don Martin Hensler, Middletown  
Jane Christine Hunter, Warren  
Rolland Dean Mambourg, Lancaster  
Charlene Janette Smith, Toledo  
John Michael Soucie, Parma Heights  
Phillip Karl Spohn, Columbus

John Willard Straker, Greenville  
Lydia Kristi Voss, Columbus

#### Bachelor of Science in Medical Dietetics

Fifteen candidates

Patti Ann Applegate, Columbus  
Bonnie Jane Boyce, Columbus  
Lorraine Leigh Calvo, Canton  
Christine Marie Conly, Cincinnati  
Mary Ann Gabel, Columbus  
Cynthia Lee Henney, Columbus  
Kathryn Ann Long Mount, Columbus  
Nancy D. Mullins, Grove City  
Ruth Ann Mumaw, Dalton  
Pauline Marie Krieg Norris, Dayton  
Joseph Leonard Piepmeyer, Cincinnati  
Carolyn Lee Rice, Mansfield  
Peggy Lee Wachtel, Big Prairie  
Kathleen Marie Wesner, Columbus  
Cynda Kay Schuler Widder,  
Millersburg

#### Bachelor of Science in Medical Illustration

Three candidates

Deborah Joyce Gross,  
Cleveland Heights  
Marcelle Bea Lasko, Yonkers, N. Y.  
Linda Ann Tenukas,  
Newington, Conn.

#### Bachelor of Science in Medical Technology

Nine candidates

Rita Jean Beal, Traverse City, Mich.  
Ann Catherine Lapolla Buck, Niles  
Karen Lee Cheslock, Wickliffe  
Elvira Mary Loreto Garofalo, Canton  
Adrienne E. Gottesman,  
Amherst, N. Y.  
Eva Eugenia Grabowski, Chardon  
Marilyn Jean Andersen Keefe,  
Bloomington, Ill.  
Jean Louise Kelly, Columbus  
Carol Ann Dennett Miracle, Hamilton

#### Bachelor of Science in Physical Therapy

Forty-three candidates

Brenda Cavanaugh Andrews,  
Olmsted Falls  
Judy Arlene Angle, Bellefontaine  
Diane Marie Arno, Hamilton  
Sandra Jane Barnes, Seville  
Lois Jean Smith Bell,  
Upper Sandusky  
Ellen Marie Burks, Cincinnati  
Linda Lou Carper, Fremont  
Janet Lee McClellan Christein,  
Warren  
Nancy Ann Cicirello, Chesterland  
Patricia Ann Cooper, Springfield  
Suzanne Kuhn Delgado,  
Charleston, W. Va.  
Barbara Jo Edmunds, St. Clairsville  
Magdalene Anne Egrid, Akron  
Judith Ruth Flaherty, Pittsburgh, Pa.  
Sharon Sue Binger Fleming, Arcadia  
James Richard Hanser, Delphos  
Michael Paul Herbert, Tiffin  
Myla Jayne Hilligas, Smithville  
Vicki Lynn Kane, Lancaster  
Cheryl Ann Kaumeyer, Columbus  
Robert John Kinley,  
Cleveland Heights  
Barbara Rose Knueven, Mt. Healthy  
Patricia Ann Kurtz, Cincinnati  
Sally Ann Lang, Kent  
Mildred Jean Light, New Richmond  
Carl Wesley Magyar, Canfield  
Charles Jacob Marty, Bridgeport  
Bonnie Lee McCahan, North Olmsted  
Ilene Carol McMurray, Warren  
Frances Christine Reilly Murphy,  
Arlington  
Kathleen Rita Reddy, Lakewood  
Rebecca Ann Rice, Steubenville  
Cheryl Lee Riegger, Medina  
Ronald Carl Rogos, Brockway, Pa.  
Wendy Jean Brown Rogos, Euclid  
Robyn Carol Schmenk, Vineland, N. J.  
Carolyn Mitchell McDowell Shupert,  
Seaman  
Sylvia Joan Stanley, Dayton  
Rita Rose Stasiulewicz, Steubenville  
Ann Elizabeth Weimer, Columbus  
Joyce Anne Werner, Cleveland  
Elizabeth Wetherbee, Cuyahoga Falls  
Deborah Renee Ziegler, York, Pa.

#### Certificate of Nurse Anesthetist

Three candidates

Donna Jean Figgins Call, Springfield  
Mary Jo Lyons, Elyria

## College of Optometry

Dean: Frederick W. Hebbard

Patricia Parks, New Carlisle

### Certificate of Post Baccalaureate Circulation Technologist

Two candidates

Doreen Mary Baxter, Sandusky  
B.S. (University of Toledo)  
Bruce Allen Ratcliff, Troy  
B.S.

### School of Nursing

#### Bachelor of Science in Nursing

Eighty-six candidates

Patricia Geitgey Allen, Malinta  
Gwendolyn Morgan Anderson,  
Columbus  
Sandra Gene Andrews,  
Keansburg, N. J.  
Amy Kathryn Babey, Cincinnati  
Jane Schutte Bardou, Chagrin Falls  
Marian Ruth Barkley, Dayton  
Carolyn Graham Beeson, Columbus  
Linda Louise Bell, Shaker Heights  
Joan Homerick Bolinger, Mansfield  
Ruth Helen Brookin, Modesto, Calif.  
Beth Dovel Brown, Nashville, Tenn.  
Karren Ann Brown, Maple Heights  
Beverly John Brunk, Lima  
Charlene Elizabeth Burley, Tallmadge  
Patricia Sue Chipley, Troy  
Elizabeth Allison Clark,  
St. Johns, Mich.  
Paula Renay Cornett, Chillicothe  
Mary Elizabeth Couch, Archbold  
Betty Jean Davis, Buffalo, N. Y.  
Diana Jean DeChristofaro, Niles  
Rita Sue Delmoe, Zanesville  
Susan Carol Eisenberg, Beachwood  
Barbara Jane Evans, Youngstown  
Sandra Kay Evans, Massillon  
Linda Ruth Frerking, Cincinnati  
Vicki Lynn Galchick, Salem  
Sarah Romanick Gilliland,  
Maple Heights  
Beverly Ruth Haley, Hamlet, Ind.  
Linda Beth Halperin, Fair Lawn, N. J.  
Johanna Marie Hargreaves, Dayton  
Eva Barbara Hawliczek, Lyndhurst  
Laura Joanne Haytas, Euclid  
Connie Lynn Hecht, Versailles  
Rebecca Lynn Hetsler,  
Woodhaven, Mich.  
Marilyn Lea Hoehn, Mentor  
Susan Jean Holett, Parma Heights

Carolyn Blythe Hudgens,  
North Madison  
Carol Lynn Hunter, Cincinnati  
Pamela Gayle Johnson, Toledo  
Pamela Jean Johnson, Medina  
Katherine Lief Karges,  
Cleveland Heights  
Kristine Dorothy Keener, Columbus  
Nancy Idell Keller, Reynoldsburg  
Mary Martha Kotowski,  
Garfield Heights  
June Wilsker Levine, Elizabeth, N. J.  
Marie Louise Lobo, Dayton  
Judith Castle Lukas, Parma  
Mary Sue Maier, Zanesville  
Patricia Ann Maryanski,  
Cuyahoga Falls  
Isabel Cassen Matthews,  
Indianapolis, Ind.  
Maureen Kay McClellan, Warren  
Lynn Ann McCreery,  
Ballston Lake, N. Y.  
Susan Joyce McGee, Mansfield  
Sharon Suzanne Parker, Kingsville  
Carol Pillsbury Patton, Worthington  
Elizabeth Susan Price, Columbus  
Jane Ellen Ransom, Clyde  
Paula Surene Rinard, Marietta  
Deloris Arlene Rish, Kenton  
Nancy Jean Robb, Euclid  
Kathleen Ann Roche, Poland  
Susan Idell Rutledge, Harrison  
Carol Thompson Schmidt, Springfield  
Shelley Jane Schumacher,  
Cuyahoga Falls  
Sandra Lee Seyfried, Cincinnati  
Robertta Gail Sherman, Fairborn  
Marsha Elizabeth Smith, Wilmington  
Carolyn Carp Starr,  
Charleston, W. Va.  
Carol Marian Stead, Parma Heights  
Deborah Anne Stine, Columbus  
Diane Weston Taylor, Miami Fla.  
Nancy Jane Treece, Arlington  
Cordelia Moorhead Tutino,  
Newton Falls  
Nancy Jo VanSchoyck, Columbus  
Barbara Ann Vansickle, Bolivar  
Estella Marjorie Voss, Galion  
Julie Ann Walchak, Warren  
Deborah Ann Ward, Cleveland  
Suzanne Grace Ward,  
Silver Spring, Md.  
Kay Ellen Wellman, New Knoxville  
Valerie Alys Wells, Placerville, Calif.  
Juanita Simmons West, Sardinia  
Joy Ann Wharton, New Lebanon  
Jeannine Mae White, Chillicothe  
Rosalie Wolfe, Dayton  
Susan Lynn Wright, Kettering

### Doctor of Optometry

Forty-two candidates

\*Arol Ray Augsburger, Lima  
B.S.  
James Daniel Beisner, Tiffin  
Nancy Louise Boyer, Independence  
B.S.  
Howard Larkin Covert, Portsmouth  
Rudy Sam DeMercurio, Detroit, Mich.  
B.A. (Wayne State University)  
David Edward Gabriel, Youngstown  
Edward Joseph Grout, Jr., Medway  
Robert Michael Hardy, Frankfort  
Dennis Blair Harrold, Avon Lake  
B.S.  
Thomas Norbert Helget,  
Rochester, N. Y.  
B.S.  
Wayne Richard Kettler,  
New Knoxville  
Philip Dale Keysor, Shiloh  
Jay Lawrence Klessman, Cleveland  
Jon Arthur Kline, Perry  
B.S.  
Kenneth Herbert Kling, Defiance  
James Arlie Law, Eden, N.C.  
B.S. (Wake Forest University)  
Dennis Fredrick Mack, Akron  
B.A. (Case Western Reserve  
University)  
Stephen Roy Maniloff,  
Rockville Centre, N. Y.  
B.A. (University of Vermont)  
Richard Lee McCullough, Uhrichsville  
Jerome Linn McDowell, Detroit, Mich.  
Andrew George Mehas, Jr., Cincinnati  
B.A. (Miami University); B.S.  
Charles Lee Mellinger, III,  
Pittsburgh, Pa.  
William Douglas Meyers, Saint Paris  
Robert Douglas Newcomb, Monroe  
B.S.  
John Alan Parrish, Gnadenhutten  
B.S.  
Raymond William Pierie, Bay Village  
B.S.  
Courtney Lynn Poling, Marysville  
\* Also Master of Science, Graduate School

## College of Pharmacy

Dean: Lloyd M. Parks

John Michael Porter, Painesville

William August Quelette, Jr.,  
Columbus

Thomas Sal Raffaele, Baldwin, N. Y.  
B.A. (State University of New York  
at Binghamton)

Thomas Franklin Rees, Cleveland  
B.S.

Mark Reiss, Mineola, N. Y.  
B.S.

James Robert Riutta, Flint, Mich.  
B.A. (University of Michigan)

Paul Myron Rosenthal,  
Hicksville, N. Y.  
A.B. (Temple University); B.S.

James Michael Schaefer, Bellevue

August Patrick Sinicropi,  
Seneca Falls, N. Y.  
B.S.

William Westley Somers, Euclid  
B.S.

Charles Allyn Uniacke,  
Washington, D. C.  
B.S., M.S.

David Theodore Wert, Cincinnati

Stephen King Wheeler, Dayton

Fred Leonard Zehnder,  
Frankenmuth, Mich.

David Alan Zelman, Cleveland  
B.A., B.S.

## Bachelor of Science in Pharmacy

Fifty candidates

Joel Mark Altschule, Hillside, N. J.  
Sister Janice Bachman,  
West Lafayette

Mark Robert Baer, Wheelersburg  
Terrilyn Estell Bartschy, Columbus  
Neal Steven Beirise, Brookville  
Leah Anne Bennett, Rocky River  
James Elwood Braden, Caldwell  
A.B. (Ohio Northern University)

John William Clark, Columbus  
Donald Joe Cobb, Springfield  
Bonita Jean Croce, Columbus  
Alan Leroy Daniels, Columbus  
Stephen Lee DeOreo, Youngstown  
B.S. (John Carroll University)

Barry Alan Dew, Newark  
Carmela Victoria Duva, Youngstown  
Martha Elaine Franz, Perrysburg  
Ina Jean Frazier, Duncan Falls  
Phillip Michael Fronckel, Massillon  
Kathy Lower Fudge, Nelsonville

Robert Paul Fudge, Greenville  
Charles Bennett Gordon, Columbus  
Carl Edward Hardy, Salem  
Stephen Douglas Harris, Columbus  
Robert Michael Haubert, Columbus  
Chester John Heinemann, Columbus  
B.A. (Columbia Union College,  
Maryland)

Michael John Ilas, McDonald  
Charlotte Dorfman Johnson, Trotwood  
Samuel Dean Kuehn, Harrison  
Carolyn White Kuehnle, Lima  
Mark Anthony Kunkler, Columbus  
Silas Franklin Lemon, Barberton  
Patricia Jean Levins, Mansfield  
Charles Daniel Lusher, Crown City  
Gerald Lavon McBride, Bryan  
Robert George McQuinnif, Columbus

Susan Corey Medbery, Dayton  
Sean Edward Mullen, Middleport  
Constance Hammond Osler, Columbus  
Erika Margaret Papai, Dellroy  
Rita Speros Parthemos, Youngstown  
Carl Patrick Pupino, Youngstown  
Nicholas Stephen Ragaji, Barberton  
Herbert Martin Rose, Youngstown  
Lois Jane Rose, Ashtabula  
Jay C Russell, Pomeroy  
Adam Lawrence Rutushin,  
Youngstown

Gary Lee Schwallie, Cincinnati  
Thomas Michael Siddle, Columbus  
Paul Edward Stach, Canton  
Douglas William Tremblay, Troy  
George Allyn Vass, Ironton

## College of Veterinary Medicine

Dean: Clarence R. Cole, D.V.M.

## Doctor of Veterinary Medicine

Eighty-one candidates

Michael Frederick Anthony, Sidney  
B.S. (Northeast Missouri State  
College)

Richard Neil Atkinson,  
Shaker Heights  
B.S.

Gary Howard Barden, Smithville  
B.S. in Agr.

Joseph John Becka, Cleveland

Thomas Charles Bird, Westerville  
B.S. in Agr. (Colorado State  
University)

Richard Henry Bottger, Newbury

Frank John Braun, South Charleston  
B.A. (Miami University)

John Wayne Brees, Stow

Elaine Rezac Brisker, Macedonia

Robert Allen Burge, Wellington

Elizabeth Catherine Burgess, Wooster

Robert Stephen Burns, Franklin  
B.S. in Agr.

Robert Eugene Carr, Jr., Celina

Thomas Glenn Crago, Youngstown

\*Glenn Willis Crawford, Columbus

William Paul Czajkowski,  
Shelton, Conn.

James Edward Deemer,  
North Olmsted

Fredrick Lawrence Deist, Beverly  
B.S. in Agr.

James Robert Denk, Millersburg  
B.S. in Agr.

Thomas David DeVincentis,  
Shaker Heights

Michael Edward Dillon, Sr.,  
Westerville  
B.S. in Agr.

Gregory Blaine Fluharty,  
McConnelsville

Merlin Ray Funderburg, New Carlisle  
B.S. in Agr.

John Samuel Godfrey,  
Burnsville, W. Va.

Raymond Louis Grieselhuber,  
Hamilton  
B.S. in Agr.

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

Allen Lawrence Gutin, Cleveland B.S. (Muskingum College)	George Earl Sandusky, Jr., Thornville B.S. (Ohio University)
Gerhard Arno Hauptmann, Columbus B.S.	Steven William Schachter, Columbus B.A., M.S.
James Leon Hearst, III, Piqua	Caroline Brunsman Schaffer, Kettering B.S.
Philip James Hinko, Cleveland B.S. (John Carroll University)	Daniel Edwin Schmiesing, Sidney
Kent Howard Hoblet, Convoy	Robert Ray Schwartz, Lebanon
Gerald John Hufgard, South Euclid	Chris Alan Seidler, Wheeling, W. Va.
James Louis Jarchow, Columbus	Steven Lee Seps, Brookfield, Ill.
Casey David Jones, Dublin	William Philip Shulaw, Ada
Earl Lee Kittle, Southington	David Dell Spindler, Marietta
Paul Joseph Kleman, Columbus Grove	Jeffrey Warren Springer, Medina
David Charles Koncal, Cleveland	Robert Charles Stanbery, Ashtabula
Jerry Paul Lahmers, Newcomerstown	Marvin Dale Steed, Barnesville
Phillip Timothy Lawson, Dayton B.S. in Agr.	Charles Albert St. Jean, Lowell, Mass. B.S.
James Andrew Lehnerd, Youngstown A.B. (Youngstown University)	Darryl Ernest Strobel, Wintersville
Tommy Ray McElhaney, Negley	Howard Douglas Teague, Wooster
Kenneth Davis McKim, Springfield	Terry Norman Teeple, North Jackson B.S. in Agr.
John Gilbert Miller, Sugar Creek	Gary Anthony Thrasher, Westlake B.S. in Agr.
Stanley Foster Myers, Beach City B.S.	Mark Warren Ulrich, West Alexandria
William Donald Nelson, Westerville	*John Wayne Walters, Carrollton
Richard Allan Novak, Solon	Ronald Douglass Warner, Quaker City
Roger Orton Omwake, Tiffin	John Thomas Weske, Sandusky
Conley Houston Painter, Peterstown, W. Va. B.S. (West Virginia University)	David Harold Wigton, Perrysville
William Glessner Paull, Wheeling, W. Va. B.S. in Agr. (West Virginia University)	Alva Clyde Wilson, New Vienna
Jerry Lee Pearson, West Milton B.S. in Nutrition	Edward Joseph Winderl, Jr., Gahanna B.S. in Agr.
James Richard Peters, Ashville	Carol Sue Wolfe, Fairborn
Edmund John Prescottano, Roslyn, N.Y. B.S. in Agr.	* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
John Scott Rankin, Columbus	
John Edwin Rehm, Columbus	
Howard Edwin Rennecker, Canton A.B. (Wittenberg University)	
Lawrence Day Rowe, Miami, Fla.	
Frederick Terrence Rudy, Columbus	

## Graduates with Honors

### Summa Cum Laude

Aane Aaslaak Aaby, Canton  
 Chris Thomas Allen, Seville  
 Richard Karl Amstadt, Akron  
 Ilene Bonnie Atkins, Shaker Heights  
 Janet Zimmerman Becker, Norwood  
 John Frederick Bender, Bucyus  
 Terry Arthur Bethel, Chillicothe  
 Herman Blalock, Jr., Columbus  
 Rene Sue Bleiweiss, Cleveland  
 William Latham Breunig, Cincinnati  
 Ronald Douglas Brooks, Columbus  
 Carol Schmidt Brow, Euclid  
 Susan Ellen Brown, Columbus  
 Ralph Sanford Bryan, Dayton  
 Craig Blake Cairns, Tipp City  
 Frank Ramsey Coates, Richmond Heights  
 Elisabeth L. Gouis Davis, Worthington  
 Lynne Sandra Davis, New London, Conn.  
 Randy David Deering, Elm Grove  
 Clark William Distelhorst, Hilliard  
 Samuel Richard Edelman, Lima  
 Magdalene Anne Egrid, Akron  
 Mark Walter Eichstaedt, Chagrin Falls  
 Richard Lee Everett, Salem  
 Elise Marcia Faigin, University Heights  
 Sherry Lee Fenton, Xenia  
 Gary Steven Feuerstein, Beachwood  
 Cindy Ann Fischer, Freeport, N. Y.  
 Sharon Sue Binger Fleming, Arcadia  
 Gary Randall Freidenberg, Columbus  
 Kathy Lower Fudge, Nelsonville  
 Linda Marie Gents, Mentor  
 Richard Mayer Glaser, University Heights  
 Marilyn Joslove Gold, Milwaukee, Wis.  
 Roger Lyle Goodman, Upper Sandusky  
 Jan Penman Gossman, Hilliard  
 Sheryll Hall Goubeaux, Kettering  
 David Paul Grubb, West Chester  
 Kathleen Sue Gutman, Botkins  
 Arlene Church Hazlett, Elyria  
 Donald Edward Heath, Cinnamonson  
 Kent Howard Hoblet, Conroy  
 Gene Richard Hoellrich, Sidney  
 Boyd Eugene Holsapple, Springfield  
 Mary Helman Hoskin, Willard  
 Carolyn Blythe Hudgens, North Madison  
 Donald Ray Hules, Shaker Heights  
 Mary Elizabeth Hurst, Springfield  
 John Stephen Izzie, Columbus  
 Theodore William Jenkins, Canal Winchester  
 James Bruce Johnson, Port Clinton  
 David Rees Jones, Ithaca, N. Y.  
 Richard Allen Jordan, Cincinnati

Mary Lehman Kaufman, Fostoria  
 Marilyn Jean Andersen Keefe, Bloomington, Ill.  
 James Samuel Kelm, Lisbon  
 Daniel Eugene Kimmel, Delphos  
 Michael William Kosakowski, Toledo  
 Kathleen Ellen Kuns, Dayton  
 David Alan Lavine, Canton  
 Mary Anne Ledinsky, Columbus  
 Deborah Mary Loveland, Chardon  
 David Ray Lynd, Ironton  
 Michael Larry Macknin, Mayfield Heights  
 James Gregg Matson, Worthington  
 Jay Byron Maxfield, Navarre  
 Thomas Edward McConnell, Bellefontaine  
 Richard Alphonse Menke, Cincinnati  
 Patricia Move Miller, Columbus  
 Kathryn Ann Long Mount, Columbus  
 Thomas Lyle Mount, Columbus  
 Carol Jean Musselman, Brookville  
 Joseph Mark Payha, Erie  
 Janis Fox Redman, Columbus  
 Rosemary Roberts, Columbus  
 Ralph Richard Romaker, Cridersville  
 Michele Rudofskv, University Heights  
 Melody Carlsen Schlobin, Columbus  
 Dale William Schiminz, Parma  
 James Eugene Schimnf, Bloomville  
 Timothy Allen Sells, Dublin  
 Wendi Wolcott Seminari, Circleville  
 Mark Donald Senff, Wooster  
 Kathleen Berz Shearer, Columbus  
 Rachelle Unger Sherman, Dayton  
 Judith Ann Smilan, Lima  
 Regina Kay Snyder, Columbus  
 Richard Franklin Snyder, Perrysville  
 Robert Wolf Solomon, Columbus  
 JoAnn Somerville, Richmond  
 Robert Emmett Spittler, Bowling Green  
 Roger Calvin Storm, Washington C. H.  
 Bruce Calvin Trott, Columbus  
 Bruce Jeffrey Veazie, Granville  
 Paul Edwin Veit, Gahanna  
 Judith Friedmar Wagner, Toledo  
 Barry Alan Waller, Bratenahl  
 John Richard Walter, Warren  
 Thomas Allen Waltermire, Cuyahoga Falls  
 Vernon Charles Watters, Whittier, Calif.  
 Mark Douglas Weber, Parma Heights  
 Stephen Edwin Weithman, Galion  
 David Harold Wigton, Perrysville  
 Sarah George Wilkerson, Fairborn  
 \*Teresa Jean Wilkin, Lynchburg  
 Christine Marie Will, Sandusky  
 Alice Lenora Williams, Dunbar, W. Va.  
 Paul Matthew Zusky, Jr., Akron

### Cum Laude

Alan Cary Aikman, Celina  
 Cheryl Adell Allison, Shaker Heights  
 Kurt Allmacher, Columbus  
 Marsha Louise Alter, Youngstown  
 Mary Louis Grimes Andrzejewski, Massillon  
 Anna Antonios, Columbus  
 Alan Armstrong, Columbus  
 Arol Ray Augsburg, Lima  
 Ted Barnett Babich, Marion  
 James Lee Balthaser, Columbus  
 Macklin Jay Baxter, Wilmington  
 Frank Michael Beck, Columbus  
 Robert Paul Bennett, Portsmouth  
 Wayne Michael Bennett, Columbus  
 Gary Bruce Bilchik, Cleveland Heights  
 Nancy Sue Blickensderfer, Wintersville  
 Deborah Jean Bonte, Columbus  
 Dean Edwin Booher, Warren  
 Patricia Ann Boone, Bellville  
 L. Stanley Boord, Marietta  
 Bonita Deborah Borodkin, Akron  
 Charles Alvin Boster, Columbus  
 Thomas Stephen Breza, Cuyahoga Falls  
 William Roland Brittingham III, Jeffersonville  
 Linda Ann Brooks, Columbus  
 Jennifer Kay Brown, Columbus  
 Jon Nelson Brown, Caldwell  
 Steven Kent Brown, Mt. Gilead  
 Sue Ellen Brown, Westerville  
 Mary Kathryn Brozovich, Toronto  
 Beverly Gordon Buckland, Xenia  
 James Henry Burkholder, Bluffton  
 Thomas Otto Buti, Bellaire  
 David Douglas Buvinger, Dayton  
 Joseph Allan Carey, Columbus  
 Pauline Carmigiano, Cleveland  
 Sheila Fae Cassidy, Hialeah, Fla.  
 James Michael Cavanaugh, Columbus  
 Anton Ching-Tung Chin, Columbus  
 Patricia Sue Chiple, Troy  
 Edward Ray Claggett, Xenia  
 Randy Wayne Clemens, Latty  
 Laura Lee Cleveland, Medina  
 William Robert Cobourn, Toledo  
 Carolyn Colvard, South Euclid  
 Christine Marie Conly, Cincinnati  
 Charles Richard Conroy, Columbus  
 James Patrick Conroy, Bay Village  
 Patricia Ann Cooper, Springfield  
 Harry DeForest Cornett, Lebanon  
 Danny William Corrigan, Woodfield  
 Thomas Glenn Crago, Youngstown  
 Thomas Michael Dafnos, Dayton  
 Tansen Dalrymple, Mt. Gilead  
 Janice Lynn Dapp, Springfield  
 Nancy Lee Davis, Columbus

\* Received summa cum laude in Bachelor of Science in Education, College of Education and cum laude in Bachelor of Arts, Colleges of the Arts and Sciences.

Thomas Richard Daye, Columbus  
 Elaine Flaherty Deegan, Columbus  
 John Stuart Derbyshire, Edon  
 Cynthia Marie Deren, Cleveland  
 Paul Edward DeVore, Cincinnati  
 Robert Allen Dierker, Dayton  
 Ronald Lee Discher, Cincinnati  
 Philip Eldon Donner, Columbus  
 Dorothy Dolores Drosky, Republic  
 Beth DeMar Earnhart, McConnsville  
 Barbara Jo Edmunds, St. Clairsville  
 Nancy Crammer Eichenberger, Toledo  
 Richard Wayne Ellinger, West Jefferson  
 David Jeffrey Emler, Wooster  
 Gary Howard Ensor, Dayton  
 Janie Marie Fallon, Columbus  
 James William Ferguson, Akron  
 Robert Edward Finelli, Columbus  
 Samuel Joseph Folmar, Windham  
 Clifford Irving Foster, Columbus  
 Kenneth Allen Frankel, Beachwood  
 Thomas Mac Freiburger, Troy  
 David Edward Gabriel, Youngstown  
 David Malcolm Galton, Nunda, New York  
 James Wilfred Gertz, Navarre  
 Vicki Perch Gilbert, Akron  
 Mary Ann Glass, Mansfield  
 Ronald Adams Glover, Westerville  
 Geoffrey Harian Gold, Shaker Heights  
 Marsha Marilyn Goulder, Columbus  
 Douglas Frederick Graff, Lyndhurst  
 Linda Kay Graham, New Carlisle  
 Gary Douglas Greenwald, Beachwood  
 Jack Calvin Guy, Jr., Barberton  
 Gary Edward Guzy, North Royalton  
 Diane Romayne Haus, Perrysburg  
 Lauren Hilma Haertling, Westerville  
 Clifford Edward Haines, Glenshaw, Pa.  
 Linda Sue Hale, Jackson  
 Beverly Ruth Haley, Hamlet, Ind.  
 William Norman Hall, Toledo  
 Linda Sue Hamilton, Dayton  
 Robert James Haverkamp, Enon  
 Julie Polk Heffner, Canal Winchester  
 Kenneth Paul Helmlinger, Wapakoneta  
 Patricia Marie Hentosh, Girard  
 Jay Stuart Herbert, Pompano Beach, Fla.  
 Kerry George Hertenstein, Cincinnati  
 Harold Edgar Hestand, Columbus  
 John Warren Hilbert, II., Columbus  
 Michael Charles Hilgeman, Montgomery  
 Myla Jayne Hilligas, Smithville  
 David Lee Honeyman, Dayton  
 Susan Elaine Horne, Gahanna  
 Edward Philip Horvath, Jr., Painesville  
 Ann Elizabeth Hromy, Parma  
 James Cooper Hutchins, Worthington

Thomas Frederick Ignaczak, Toledo  
 Larry Allan Karns, Carrollton  
 Mark Harry Karns, Monclova  
 Jerome Edward Kaufman, Cleveland  
 Jean Louise Kelly, Columbus  
 Sanford Richard Kimmel, Scio  
 Karen Jane Kindler, St. Clairsville  
 Richard Allen Kleine, Centerville  
 Carol Irene Kmiec, Toledo  
 Barbara Rose Knueven, Mt. Healthy  
 Arlene Rich Komerofsky, Columbus  
 William Henrik Kose, Pickerington  
 Lawrence David Krabill, Bowling Green  
 Stephanie Ann Kreisberg, Bayside, N. Y.  
 Karen Ann Kruse, Columbus  
 Lindi Elaine Kuchta, Cleveland  
 Daniel Orloe Kuck, Lima  
 Carol Joanne Kuhn, Hilliard  
 David Leroy Lambert, Dayton  
 John Charles Ley, Middle Point  
 Ruth Elizabeth Lichtesien, Norwalk  
 Frank Robert Lichtkoppler, Mt. Healthy  
 Roger Dean Little, Ashland  
 Patrice Koelsch Loose, Worthington  
 John Daniel Lurie, Canton  
 Kenneth Charles Mako, Willoughby  
 James Dennis Marr, Bay Village  
 James Frederick Martin, Barberton  
 James Steven Massie, Portsmouth  
 George Otis Mathewson, Toledo  
 James Robert Mayo, Versailles  
 Joel Mason McCuen, Ashland  
 Judith Lynn McFarland, Canal Fulton  
 Leanne McLaughlin, Columbus  
 Michael James Meagher, Columbus  
 Helen Ann Meers, Columbus  
 Philip Jerome Meves, Alliance  
 Michael Louis Miller, Cincinnati  
 Patricia Ann Mills, Ashland  
 Carol Ann Dennett Miracle, Hamilton  
 John Walter Moore, Greenville  
 Rand Lawrence Morrison, University Heights  
 Kurt Lawrence Mueller, Shelby  
 Donald Paul Muenz, Shelby  
 Frances Christine Reilly Murphy, Arlington  
 Michael Roger Neds, Columbus  
 Allan Eugene Nickel, Friendship  
 Michael Alan Novak, Lyndhurst  
 Cheryl Sue Nudd, Columbus  
 Lee Parsons Oneacre, Findlay  
 Margaret Mary Pacenta, Akron  
 Douglas Thompson Paine, Columbus  
 Craig William Patton, Athens  
 Jerry Lee Pearson, West Milton  
 Alan Harold Podrid, Glen Oaks, N. Y.  
 Janet Deborah Pollack, Mt. Vernon, N. Y.  
 Harvey Andrew Popovich, Avon Lake  
 Terry Ray Pracht, Columbus

Deborah Ayn Pritchard, Huntington, W. Va.  
 Edward Lewis Clark Pritchett, Columbus  
 Robert Frederick Rafoth, Youngstown  
 Michael Eugene Ralston, Van Wert  
 Paul Richard Rea, Columbus  
 Gary Michael Rectenwald, Toledo  
 Richard Alan Reinhart, Strongsville  
 Stephen Ray Richards, Columbus  
 Cheryl Lee Riegger, Medina  
 Patricia Manring Roberts, Columbus  
 Thomas Edward Roberts, Cincinnati  
 Carol Murray Roddy, Columbus  
 Richard Walter Roedel, Clifton, N. J.  
 Joelynn Lee Ross, Cuyahoga Falls  
 Christine Robertson Ruth, Norwalk  
 Charlotte Gibb Sabino, Columbus  
 Iris Gayle Salzman, Morton Grove, Ill.  
 Richard Maxwell Sandefur, Jr., Columbus  
 Jean Isabel Sanders, Columbus  
 John Steven Sandy, Columbus Grove  
 Stephen Denman Scarbrough, Fredericktown  
 John William Schaeffer, Lorain  
 William Bruton Schardt, Vienna, Va.  
 Robert Carl Schroer, Dola  
 Mary Beth Schumacher, Amarillo, Tex.  
 Joyce Carson Sellati, Lima  
 Ira Shafran, Cleveland Heights  
 Timothy John Sheeran, Cincinnati  
 Terry Keith Sherman, University Heights  
 Don Frazier Shook, Jr., Akron  
 Gregory Monroe Shreve, Hilton Head Island, S. C.  
 Sharon Davis Shrum, Columbus  
 Judith Ann Sillince, East Liverpool  
 Mark Wayne Sinkhorn, Columbus  
 Cynthia Bean Smail, Findlay  
 Joy Ellen Smith, Zanesville  
 Michael Charles Smith, Cleveland Heights  
 Randolph Lee Snow, Wooster  
 William Westley Somers, Euclid  
 David William Spriggs, Fremont  
 Harrison Lowe Stebbins, Sylvania  
 Martin Leonard Steinberg, East Liverpool  
 Richard Lee Strohshine, Oregon  
 Elaine Looker Strutner, Columbus  
 James Edward Swabley, Norwalk  
 Linda Ann Tenukas, Newington, Conn.  
 Mark Warren Ulrich, West Alexandria  
 Charles Allyn Uniacke, Washington, D. C.  
 Barbara Ann Vansickle, Bolivar  
 Charles Wesley Wagner, Canal Fulton  
 David Eugene Wagner, Columbus  
 Richard Ray Walker, Raymond  
 Marvin Woodde Ward, Elyria  
 Robert Warren, Jr., Fairview Park  
 Robert John Watts, Euclid

Kay Ellen Wellman, New Knoxville  
William Douglas West, Fairborn  
Karen Robbins Whitney, Worthington  
\*Teresa Jean Wilkin, Lynchburg  
Jack Charles Williams, Sandusky  
Randall Dean Williams, Heath  
Gwendolyn Jones Winnard, Columbus  
Susan Ailene Woodruff, Tiffin  
Steven Dwight Yoder,  
Temple City, Calif.  
Judith Safstrom Zang, Columbus

\* Received summa cum laude in Bachelor of Science in Education, College of Education and cum laude in Bachelor of Arts, Colleges of the Arts and Sciences.

**Summa Cum Laude and with Distinction in Animal Science**

Thomas Martin Routh, Huron

**Summa Cum Laude and with Distinction in Anthropology**

Evelyn Joan Jacob, Cincinnati

**Summa Cum Laude and with Distinction in Biological Sciences**

Robert Thomas Miday, Canton

**Summa Cum Laude and with Distinction in English**

Kenny Lee Miller, Jackson

**Summa Cum Laude and with Distinction in History**

Bonita Steckel Ryck, Columbus

**Summa Cum Laude and with Distinction in Home Economics**

Sue Ann McCormick, Fredericktown

**Summa Cum Laude and with Distinction in International Studies**

Edith Evelyn Kroo, Hyattsville, Md.

**Summa Cum Laude and with Distinction in Natural Resources**

Dennis Edward Eagan, Cincinnati

**Cum Laude and with Distinction in Agronomy**

Benny Losh Beckett, Oregonia

**Cum Laude and with Distinction in Arabic**

Anne Galvi Palestrant

**Cum Laude and with Distinction in Biochemistry**

Martin Robert Deibel, Jr., Columbus  
William Franklin Hoffman, Jr., Columbus

**Cum Laude and with Distinction in Chemistry**

Marinda Pasadena Li, Columbus

**Cum Laude and with Distinction in Economics**

Louis Ernest Tosi, Martins Ferry

**Cum Laude and with Distinction in French**

Karen Louise Corrigan, Columbus

**Cum Laude and with Distinction in Home Economics**

Barbara Sue Garen, Mt. Sterling  
Kathleen Ann Grybos, Youngstown

**Cum Laude and with Distinction in Horticulture**

Martin David Hemminger, Sandusky

**Cum Laude and with Distinction in Manpower and Industrial Relations**

William Francis Wourms, Dayton

**Cum Laude and with Distinction in Natural Resources**

Russell Albert Popp, Columbus

**Cum Laude and with Distinction in Mathematics**

Bonita Arline McIntosh, Youngstown

**Cum Laude and with Distinction in Plant Pathology**

James Lester Starr, Wilmington

**Cum Laude and with Distinction in Political Science**

Cheryl Lynn Thorpe, Centerburg

**Cum Laude and with Distinction in Psychology**

Louise Ann Douce, Washington C. H.  
Thomas Reynolds Foster, Venetia, Pa.

**Cum Laude and with Distinction in Theatre**

Laura Jill Schatzley, St. Louis, Mo.

**Cum Laude and with Distinction in Zoology**

Karen Marie Denwicz, Columbus  
Christopher James Frohking, Cleveland  
Candace Martinson, Lodi

**With Distinction in Agricultural Economics**

David Paul Miller, East Sparta  
Duane Leland Siegenthaler, West Liberty

**With Distinction in Animal Science**

Richard Lee Hintz, Norwalk  
Rebecca Ann Williams, Akron

**With Distinction in Biology**

Michael Anthony Tranovich, Bellaire

**With Distinction in Dairy Science**

David William Ballinger, Hicksville  
Robert Lawrence Hilty, Columbus

**With Distinction in Entomology**

Karla Neill Schwensen, Bloomfield

**With Distinction in Natural Resources**

Lynn Edward Overstake, Hillsboro

**With Distinction in Political Science**

John David Fleischhauer, Columbus

**With Distinction in Rural Sociology**

James Lee Nichelson, Lima

**With Distinction in Speech**

Mary Thomson Wendell, Columbus

**With Distinction in Theatre**

Catherine Grace Claxton, Columbus

**With Distinction in Zoology**

Bethany Bayert Mara, Columbus

RECIPIENTS OF THE CENTENNIAL ACHIEVEMENT AWARD

Abrahamsen, Nelson E., Sr.	245	Luxon, Norval Neil	252
Adams, Philip R.	245	McClure, James H.	252
Adkins, Dorothy	245	McCulloch, William M.	252
Alberty, Harold B.	245	McNeil, Clarid F.	252
Alston, John C.	246	McPherson, Donald J.	252
Anderson, Donald B.	246	Minor, Robert W.	252
Armington, Raymond Q.	246	Moomaw, Ira W.	252
Artz, Curtis P.	246	Moore, Carl V.	252
Baker, Richard T.	246	Nelson, George I.	253
Batten, William M.	246	Newton, Mildred E.	253
Beckman, Theodore N.	246	O'Neill, C. William	253
Brim, Orville G.	246	O'Toole, Lela	253
Brown, Paul W.	247	Page, J. Boyd	253
Bruce, Robert H.	247	Plunkett, Roy J.	253
Caniff, Milton	247	Porter, Philip W.	253
Clark, Kenneth E.	247	Porthouse, Cyril R.	253
Davis, Ralph C.	247	Quilligan, Edward James	254
Dulles, Foster Rhea	247	Reckless, Walter C.	254
Ervin, Thomas E.	247	Reiser, Raymond	254
Essex, Martin	247	Rice, Harvey Mitchell	254
Ewalt, H. Ward, Jr.	248	Rife, David C.	254
Fisher, Max M.	248	Riley, James R.	254
Folkman, M. Judah	248	Robinson, Hamilton B. G.	254
Friedman, Robert G.	248	Rogers, David E.	255
Gaskill, Harold V.	248	Roseboom, Eugene H.	255
Gingher, Paul R.	248	Ruffner, Frederick Gale, Jr.	255
Gossick, Lee V.	248	Satow, Mitsugi	255
Griggs, David T.	248	Saxbe, William B.	255
Guard, Willard F.	249	Schull, William J.	255
Gum, Oren Berkley	249	Schwarting, Arthur E.	255
Hall, Carl W.	249	Sears, Paul B.	255
Hamilton, T. Kline	249	Shafer, William G.	256
Heckart, Anna Eileen	249	Shartle, Carroll L.	256
Hickey, Judson C.	249	Shaw, Byron T.	256
Himes, Joseph S., Jr.	249	Sisler, Harry H.	256
Hoffer, Joe R.	249	Slowter, Edward E.	256
Hoffman, Philip G.	250	Smith, Arthur H.	256
Hofstetter, Henry W.	250	Smith, Guy-Harold	256
Holy, Thomas C.	250	Stanfield, Douglas R.	257
Hutchison, Clyde A., Jr.	250	Steffel, Victor L.	257
Jordan, Edward C.	250	Stone, Ferdinand F.	257
Kauffman, George W.	250	Sutton, T. Scott	257
Kent, Ralph E.	250	Taylor, Paul	257
Krauss, William E.	251	Van Til, William	257
Krill, Walter R.	251	Wagner, John G.	258
Kuder, Frederic	251	Walters, Everett	258
Lacy, Paul E.	251	Warner, Harry B.	258
Lagemann, Robert T.	251	Whitaker, John Robert	258
Lazarus, Charles Y.	251	Woods, Kenneth B.	258
Lichtenstein, Roy	251	Yeager, W. Hayes	258
Loofbourrow, Alan G.	251	Zuspan, Frederick P.	258

INDEX TO OFFICERS AND EMPLOYEES

1970-1971

A		D	
Ackerman, Kenneth E. . . . .	100	Daubenmire, M. Jean . . . . .	102
Adler, Ron K. H. . . . .	7, 294, 448	Davidson, Horace B., Sr. . . . .	449
Ahlsweide, Rudolf . . . . .	101	Davis, Daisy . . . . .	355
Alberty, Harold B. . . . .	353	Deisher, Arthur L. . . . .	449
Alexander, Leonard J. . . . .	209	Derrenbacher, Merle C. . . . .	449
Amsbaugh, Jesse L. . . . .	354	Donaldson, Elvin F. . . . .	294
Andrews, Leonard O. . . . .	522	Dorfman, Leon M. . . . .	521
Andrian, Mary Montei . . . . .	102	Dorsey, Clarene H. . . . .	449
Armitage, Richard H. . . . .	185	Dorsey, Robert S. 289, 322, 442, 514	
Atkinson, Hugh C. . . . .	101, 208	Dougall, Donald K. . . . .	6
Aumann, Francis R. . . . .	449	Dulles, Foster Rhea . . . . .	174
		Dunlap, John H. . . . .	35, 514
B			
Bailey, Raymond A. . . . .	6	E	
Banta, Eldon S. . . . .	428	Eason, Warren W. . . . .	153
Barkan, Manuel . . . . .	201	Eckley, Frederick R. . . . .	35, 442, 514
Barre, Henry J. . . . .	185	Estel, Leo A. . . . .	185
Baughman, George W. . . . .	6		
Beard, Ruth M. . . . .	104	F	
Becker, Barbara J. . . . .	448	Fancher, Paul S. . . . .	209
Biddle, James S. . . . .	6	Fanning, Ralph S. . . . .	469
Black, David Evans . . . . .	293	Fawcett, Novice G. 88, 138, 230, 321,	
Bogle, T. Roy . . . . .	100, 103, 449	359, 404, 405, 434, 464, 501, 505	
Bondurant, Byron L. . . . .	6, 447	Fechheimer, Nathan S. . . . .	185
Bozler, Emil . . . . .	449	Field, Wooster Bard . . . . .	429
Branscomb, Lewis C. . . . .	208	Fillmore, Charles John . . . . .	153
Breese, Mary S. . . . .	7	Findley, Franklin D. . . . .	100
Briggs, Gregory . . . . .	103	Fleming, Thomas J. . . . .	209
Brown, Regina Ann . . . . .	209	Fogle, Florence . . . . .	522
Buerki, Robert A. . . . .	7	Forbes, Clarence A. . . . .	449
Burkman, Katherine H. . . . .	294		
C		G	
Carson, Gordon B. 34, 206, 411, 442		Genco, Helen E. . . . .	103
Cassidy, Viola M. . . . .	522	Gerckens, Laurence C. . . . .	6
Ceelen, Guenther H. . . . .	448, 522	Gibbs, Jack G. . . . .	35
Chazan, Robert L. . . . .	293	Gill, William E. . . . .	102
Coffman, Bonner S. . . . .	174	Gilmore, Lester O. . . . .	175
Cole, Clarence R. . . . .	413	Good, Elmer L. . . . .	102, 448
Crawford, Robert S. . . . .	447	Good, Harry Gehman . . . . .	542
Croci, Suzanne . . . . .	103	Graves, Judith A. . . . .	103
Cronheim, Arno . . . . .	101		
Csuri, Charles A. . . . .	446		

Grover, Philip L. . . . .	103
Grubb, Patti Murray . . . . .	226
Guilbert, Mary R. . . . .	334
Gushman, John L. . . . .	289, 322, 514

H

Hale, Frank W., Jr. . . . .	333
Hall, Pauline G. . . . .	470
Hanna, Donald G. . . . .	100
Harrod, M. Merle . . . . .	35, 514
Helburn, Ann . . . . .	103
Hernance, Marian E. . . . .	100
Herr, Joan E. . . . .	102
Hilliker, Don M. . . . .	35, 442, 514
Hirth, John P. . . . .	446
Holloway, William J. . . . .	150
Hooper, James R. . . . .	154
Hovey, Harold A. . . . .	294, 448
Howlett, Freeman S. . . . .	226

K

Kabealo, Thyra B. . . . .	449
Kay, Webster B. . . . .	449
Kerr, Elaine B. . . . .	209
Ketterer, John G. . . . .	36, 360, 404, 507
Kilpatrick, Franklin P. . . . .	333
King, Burnham W., Jr. . . . .	153
Kister, Joanna H. . . . .	103
Klingler, Edison L. . . . .	153
Knapp, David A. . . . .	102
Knapp, Deanne E. . . . .	102
Knight, Calvin D. . . . .	153
Koffolt, Joseph H. . . . .	450
Kozyris, P. John . . . . .	447
Kraus, John D. . . . .	86
Krengel, Ulrich . . . . .	153, 447
Kresky, Elizabeth . . . . .	154
Krouse, Kenneth E. . . . .	151
Kuhn, Albert J. . . . .	521

L

Larkins, Richard C. . . . .	450
Leggett, Ernest W. . . . .	206
Lehr, Clair J. . . . .	102
Levine, Raphael D. . . . .	334
Littlefield, Edgar . . . . .	134
Llorens, Ana R. . . . .	448
Logan, James V., Jr. . . . .	450

M

Marquis, Franklin Wales . . . . .	29
Martin, Mildred . . . . .	430
McClave, Charles R. . . . .	355
McClester, Jean . . . . .	293
McClure, Beverly Ann . . . . .	103
McConnell, John D. . . . .	293, 294, 449
McDonagh, Edward C. . . . .	333
Meiling, Richard L. . . . .	150
Melby, Edward C., Jr. . . . .	333
Miller, Glenn W. . . . .	101
Milner, A. Ross . . . . .	104
Minear, Richard H. . . . .	6
Miner, Robert Bradford . . . . .	356
Moon, Leon A. . . . .	153
Moore, Richard O. . . . .	293
Moulton, Edward Q. . . . .	150, 442
Mount, John T. . . . .	150, 151
Myers, Sharon K. . . . .	7

N

Naylor, Kenneth E. . . . .	154
Nelson, John P. . . . .	521
Nelson, Everett J. . . . .	450
Nielsen, Harald H. . . . .	450
Nolte, Byron H. . . . .	103

O

Okuda, Kunio . . . . .	7
Olson, Geraldine . . . . .	153, 154

P

Papangelou, Fredos . . . . .	448
Parks, Thaddeus H. . . . .	471
Parrott, Ellwood . . . . .	135
Patterson, Ralph M. . . . .	450
Patton, Glenn Neil . . . . .	521
Petteys, Rodney A. . . . .	100
Pittman, Joe D. . . . .	101, 334
Pool, Marion L. . . . .	450
Pressman, Irwin S. . . . .	522
Preston, Dennis Richard . . . . .	103
Prior, John A. . . . .	151, 208

R

Reading, Bashford W. . . . .	471
------------------------------	-----

Reed, David L. . . . . 101  
 Reese, Ellsworth E. . . . . 413  
 Rhine, Edward E. . . . . 151  
 Riley, Donald W. . . . . 450  
 Robinson, James A. 34, 150, 446, 520  
 Robinson, Nancy E. . . . . 294, 449  
 Robinson, Ted R. . . . . 150  
 Rowell, Lois Irene . . . . . 104  
 Ruzicka, Francis A. . . . . 293

S

Safford, William C. . . . . 35, 514  
 Saslaw, Samuel . . . . . 293  
 Schmidt, C. James . . . . . 154  
 Schmidt, Lyle D. . . . . 447  
 Schwab, Glenn O. . . . . 101  
 Scott, Madison H. . . . . 100

Secrest, Daisy H. . . . . 522  
 Secrest, Roy J. . . . . 104  
 Seely, Howard Francis . . . . . 472  
 Sheets, Waldron D. . . . . 450  
 Sherer, George W. . . . . 334  
 Sherman, Ralph W. . . . . 294  
 Shocknessy, James W. 35, 36, 313,  
 321, 402, 404, 433,  
 442, 504, 505, 514

Smith, Thomas B. . . . . 100  
 Spencer, Henry Russell . . . . . 227  
 Stecker, Frederick . . . . . 413  
 Steele, Howard L. . . . . 209, 448  
 Stewart, Grace Ann . . . . . 228  
 Stone, Leo D. . . . . 412

T

Tamulitis, Judy Ann . 153, 154, 413  
 Thompson, Ronald B. . . . . 151  
 Tommas, Alice Mae . . . . . 153  
 Touchburn, Sherman P. . . . . 334, 447  
 Turner, H. Spencer . . . . . 208

V

Vakaleris, Demetrius . . . . . 102  
 VanderZanden, James W. . . . . 209  
 Vitt, Gisela M. . . . . 185

W

Walker, John A. . . . . 521  
 Wall, Robert L. . . . . 334  
 Wallace, Marion W. . . . . 294  
 Warfield, Fanchon F. . . . . 154  
 Warner, A. Joseph . . . . . 104, 522  
 Waters, Lois Fey . . . . . 522  
 Watson, William H., Jr. . . . . 521  
 Weaver, J. Edward . . . . . 152  
 Weisenburger, Francis . . . . . 450  
 Whisler, Marshall K. . . . . 104  
 Whitaker, Francis M. . . . . 104  
 Wilkins, Ruth Lloyd . . . . . 136  
 Williams, Howard C. . . . . 294, 447  
 Wilson, Chauncey E. . . . . 357  
 Wilson, Peggy C. . . . . 413, 522  
 Wise, Benjamin N. . . . . 7  
 Wittmeyer, Alma L. . . . . 102, 154

Y

Yaqub, Jill C. D. S. . . . . 154  
 Young, Clair W. . . . . 521  
 Young, Richard E. . . . . 101

Z

Zetterberg, Hans L. . . . . 101, 448  
 Zimmerman, Richard H. . . . . 151

GENERAL INDEX

1970-1971 Minutes

A

Abbott Laboratories, North Chicago, Illinois . . . . .	20
Abbott Laboratories Antibiotics Research Fund . . . . .	20
Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio . . . . .	343, 530
Academy for Contemporary Problems (The) . . . . .	164, 446
Accountant's Report on the University Dormitory Revenue Bond Funds . . . . .	202
Accounting, Faculty of, Marathon Oil Foundation, Inc., Fund . . . . .	128
Administrative Officials, Appropriations for . . . . .	177
Aesthetic Detail Fund . . . . .	21
Agency for International Development, Department of State, Washington, D. C. . . . .	216, 533
Agency for International Development, Office of Procurement, Contract Services Division, Washington, D. C. . . . .	106
Agreements . . . . .	117, 164, 223, 352, 458
Agricultural Technical Institute - Wooster . . . . .	350, 427, 444, 539, 540
Agriculture and Home Economics, College of . . . . .	28
Air Force, Department of, Aeronautical Systems Command, Wright Patterson Air Force Base, Ohio . . . . .	108
Air Force, Department of, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio . . . . .	10, 211
Air Force, Department of, Air Force Office of Scientific Research, Arlington, Virginia (Research Foundation Grant) . . . . .	455
Air Force, Department of, Air Force Office of Scientific Research, OAR, Arlington, Virginia (Research Foundation Grant) . . . . .	12, 341, 417
Air Force, Department of, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio (Research Foundation Contracts) 105-107, 155, 156, 187, 211, 212, 337, 451, 452, 524	
Air Force, Department of, Electronics Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts . . . . .	156, 336, 451
Air Force, Department of, Rome Air Development Center, Griffiss Air Force Base, New York . . . . .	9, 211, 337
Air Force, Department of, Systems Engineering Group, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio (Research Foundation Contract) . . . . .	105
Alcoa Foundation, Pittsburgh, Pennsylvania . . . . .	217
Alcoa Foundation Professorship in Chemical Engineering . . . . .	217
Alcoholic Beverage Policy . . . . .	151
Alden, Glen, Foundation . . . . .	169
Alexander, R. P. . . . .	28
Allen County Commissioners and Trustees of Bath Township . . . . .	223
Allen, Katherine Porter, Prize . . . . .	310
Allyn, Stanley C. . . . .	224
Alpha Kappa Gamma . . . . .	127
Alpha Kappa Gamma Student Loan Fund . . . . .	127
Ambulatory Patient Teaching Facility . . . . .	350, 466, 467
American Association of Colleges of Pharmacy, Silver Spring, Maryland . . . . .	215
American Cancer Society . . . . .	307
American Cancer Society, Inc., New York, New York . . . . .	162, 300
American Cancer Society, Ohio Division, Inc., Columbus, Ohio (Research Foundation Grants) . . . . .	301, 417, 418

American Chemical Society, The Petroleum Research Fund, Washington, D. C. (Research Foundation Grants)	114, 343
American Foundation for Pharmaceutical Education	195, 421
American Foundation for Pharmaceutical Education Fellowship Fund	421
American Heart Association	219
American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio	114, 162, 163, 192
American Heart Association, Inc., New York, New York (Research Foundation Grants)	15, 114, 192
American Iron and Steel Institute	418, 452, 453, 530
American Medical Association	124
American Oil Foundation	196
American Otological Society, St. Louis, Missouri	113, 456
American Petroleum Institute, Washington, D. C.	338, 415
American Pharmaceutical Association	219
American Welding and Manufacturing Company, Warren, Ohio	424
Anderson Concrete Corporation, Columbus, Ohio	168
Animal Science Building - Remodeling of Mechanical System	315
Animal Science, Department of	346
Animal Science Livestock Center	173, 465
Antihyperlipemic Drug Research Fund	126
Appointing Authority for Civil Service Employees	411
Aquatrol, Inc., Chicago, Illinois	117, 418
Armco Foundation	126, 196
Armco Professorship of Metallurgy	126
Army, Department of, Defense Supply Service - Washington, Washington, D. C.	10
Army, Department of, Harry Diamond Laboratories, Washington, D. C.	295
Army, Department of, New York Procurement Agency, New York, New York	187
Army, Department of, Office of Civil Defense, Washington, D. C.	337
Army, Department of, Office of Civil Defense, Contract Division, Washington, D. C.	524
Army, Department of, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C.	452
Army, Department of the, U. S. Army Medical Research and Development Command, Washington, D. C.	186, 336
Army, Department of, U. S. Army Research and Development Command, Washington, D. C.	523
Art School of, Special Fund	129
Artificial Football Turf Fund	129
Associate in Applied Science	444, 543
Associates of Medicine, Columbus, Ohio	462, 535
Authorization for Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, as Amended	2
Auxiliary Facilities, Resolution Pertaining to Financing	431, 473

## B

B & L Motor Freight, Inc.	306
Bailey, Ervin G. (Gift)	169, 307
Bailey, Ervin G., Fund for Engineering	169, 307
Baker, David F., Memorial Fund	127
Baker, David F., Systems Engineering Building (The)	3
Barton, Robert K., Memorial Fund	307
Bath Township Trustees	223

Battelle Memorial Institute, Columbus, Ohio . . . . .	121, 164, 306, 446
Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio (Research Foundation Contracts) . . . . .	212, 415
Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio (Research Foundation Grant) . . . . .	342
Beckman, Theodore N. (Dr.) . . . . .	412
Bell, Floyd W. (Gift) . . . . .	128
Bell Telephone Laboratories . . . . .	305
Bell, Trudy, Memorial Cancer Research Fund . . . . .	128
Benedum, William L. (Mrs.) (Gift) . . . . .	307
Berggren, Ronald B. (Dr.) (Gift) . . . . .	129
Bethlehem Steel Corporation . . . . .	171
Bethlehem Steel Corporation and Subsidiary Companies . . . . .	308
Biochemistry, Department of . . . . .	445
Biochemistry and Molecular Biology, Academic Faculty . . . . .	445
Biophysics, Academic Faculty . . . . .	445
Biophysics, Department of . . . . .	445
Blue Cross Insurance . . . . .	137
Board of Education, Newark, New Jersey . . . . .	162
Board of Overseers - The Academy for Contemporary Problems . . . . .	446
Bogner and Sons, Wooster, Ohio . . . . .	539
Boise Cascade . . . . .	307
Botany, Academic Faculty . . . . .	445
Botany, Department of . . . . .	445
Bremer Foundation (The), Youngstown, Ohio . . . . .	20, 124
Bremer Foundation in the College of Medicine . . . . .	20, 124
Bricker, John W., Professorship in the College of Law . . . . .	307
Brown, E. B., Optical Westgate Co. . . . .	170
Buckeye Pipe Line Company . . . . .	134
Buildings and Property, Purchase of . . . . .	28
Burgwald, L. H., Memorial Fund . . . . .	305
Burgwald, Louis and Lillian B., Estate of . . . . .	305
Business Youth Opportunity Program . . . . .	307, 308, 346
Bylaws of the Board of Trustees . . . . .	86

C

California Institute of Technology, Jet Propulsion Laboratory, Pasadena, California . . . . .	297
Cancer-Leukemia Research Fund . . . . .	129
Carlin, Oscar E. (Mr. and Mrs.) (Gift) . . . . .	307
Carruthers, John L., Fellowship in Ceramic Engineering . . . . .	127
Centennial Hall (University Hall Replacement) . . . . .	207
Center of Research in Art and Technology . . . . .	308
Center for Tomorrow Fund . . . . .	127, 168, 306, 307, 421, 535
Center for Vocational and Technical Education . . . . .	168
Central Ohio Heart Association, Columbus, Ohio . . . . .	127
Central Ohio Heart Association, Inc., (The), Columbus, Ohio . . . . .	190-192
Central Ohio Heart Chapter Heartmobile Fund . . . . .	127
Central Ohio Technical College, Newark, Ohio . . . . .	458
Chamber of Commerce - 1971 Columbus Award . . . . .	321
Chamblin, George H. (Gift) . . . . .	309
Chapman, Donald C. (Gift) . . . . .	129
Chapman, Donald C., Fund . . . . .	129
Chase Brass and Copper Company, Cleveland, Ohio . . . . .	302
Chemical Engineering, Department of . . . . .	311

Chemical Engineering, Department of, Rohm and Haas Company Scholarship . . . . .	20
Children's Hospital - Dispatch Charities - Pro-Am Championship . . . . .	307
City Loan and Savings Company (The) - The Metropolitan Bank of Lima, Ohio, Scholarship . . . . .	197
City Loan and Savings Company (The) - The Metropolitan Bank of Lima, Ohio, Scholarship Fund . . . . .	168
Class of Champions Chemical Engineering Memorial Fund . . . . .	424
Classroom Buildings - Installation of Fire Alarm Systems . . . . .	538
Cleveland Electric Illuminating Co. (The) . . . . .	344
Clinical Medical Sciences Education Facility . . . . .	541
Clow Foundation . . . . .	306
Cockins Hall Remodeling . . . . .	29, 465
College of Dentistry - South Wing Addition . . . . .	172, 318, 319, 426, 427, 467
College of Optometry Building Fund . . . . .	462
Columbia Cement Company, Columbus, Ohio . . . . .	193
Columbia Gas of Ohio, Inc. . . . .	427
Columbia Gas System Service Corporation, Columbus, Ohio . . . . .	344
Columbus, City of . . . . .	200
Columbus Foundation . . . . .	171, 306, 421
Columbus Model Cities Project, Bryson Building, Columbus, Ohio . . . . .	452
Columbus & Southern Ohio Electric Company, Columbus, Ohio . . . . .	302
Committee for Selection of a President . . . . .	501, 515
Conam Inspection, Inc., Columbus, Ohio . . . . .	171
Coordinating Research Council, Inc., New York, New York . . . . .	212
Coyle, Martin A., Sr., Estate of . . . . .	463
Coyle, Martin A., Sr., Memorial Fund . . . . .	463
CPC International . . . . .	126
CPC International Dairy Technology Graduate Research Fund . . . . .	126
CTH Electric Co. . . . .	541
Cummins Engine Company, Inc. . . . .	219

D

Dairy Science, Department of . . . . .	308
Dairy Technology, Department of . . . . .	410
Dambach, Charles A., Memorial Fund . . . . .	422
Davis, Jacob E. (Gift) . . . . .	307
Deafness Research Foundation (The), New York, New York . . . . .	300
Degrees . . . . .	2, 4, 87, 177, 183, 207, 292, 330, 332, 431, 444, 519, 543
Denney, Joseph V., Memorial Fund . . . . .	308
Derby Hall - Alterations . . . . .	467
Derby Hall - Improvements for Political Science Department . . . . .	172, 316
Dermatology Foundation, Philadelphia, Pennsylvania . . . . .	301
Dexter, John C. (Gift) . . . . .	535
Digital Equipment Corporation, Maynard, Massachusetts . . . . .	311
Dispatch Printing Company (The), Columbus, Ohio . . . . .	462
Distinguished Teachers Awards . . . . .	308
Doctor of Arts . . . . .	87, 330
Doctor of Dental Surgery . . . . .	182
Doctor of Musical Arts . . . . .	4, 177
Doctor of Philosophy (Library Science) . . . . .	292, 431
Doctor of Philosophy in Preventive Medicine . . . . .	183
Doctor of Philosophy Program in Chinese Language and Literature . . . . .	4
Donovan, Alta J., Estate of . . . . .	221, 306
Donovan, John Dale, Scholarship Fund . . . . .	306

Dorfman, Lionel E. (Dr.) (Gift)	129
Dow Chemical Company	127
Dow Chemical Company Scholarship and Fellowship - Chemical Engineering	127
Dow Chemical Company Scholarship and Fellowship - Chemistry	127
Drake, Edward S., Union	446
du Pont de Nemours, E. I., & Company, Inc., Wilmington, Delaware	345, 535
Duriron Company, Inc., Dayton, Ohio	126
Duriron Professorship in Metallurgical Engineering	126

#### E

Easements	134, 200, 222, 352, 427
East Asian Languages and Literatures, Department of	3
Eastern Mechanical Corp.	133
Eastman Kodak Company	217
Edse, Rudolph (Dr.) (Gift)	21
Educational Endowment Fund of Kappa Kappa Gamma	169
Electric Power Equipment Co.	467
Electrical Engineering, Department of	219, 346, 462
Electrical System Expansion	467
Entomology, Academic Faculty	445
Entomology, Department of	445
Epilepsy Foundation of America, Washington, D. C.	418
Esso Education Foundation	308
Estrich, Robert M. (Mr. and Mrs.) (Gift)	308
Evans, R. T., Plumbing Co.	200
Executive Vice President for Administrative Operations and Secretary of the Board of Trustees	93, 151
Expanded Computer Facilities for the College of Medicine	349

#### F

Faculty-Staff Season Athletic Activity Cards, Field Seats, and South Stands	412
Farber Corporation	315
Farley Paving, Inc.	133
Fawcett, Marjorie K., Scholarship Fund	347
Fergus, Robert H. (Gift)	306
FIE&R Foundation Fund	128
Finance, Faculty of, Marathon Oil Foundation, Inc., Fund	128
Firestone, Harvey S., Jr. (Gift)	311
Food Science and Nutrition, Department of	410
Ford Foundation (The), New York, New York	535
Ford Motor Company Fund	306
Forging Industry Education and Research Foundation	128
Franklin County Board of County Commissioners	352
Freeman, Gordon M., Scholarship Fund	217
Friends of the College, Lima, Ohio	20
Fund for Progress in Urology	129

#### G

Garage and Laundry Building, Alteration of South Portion	132
Garwick & Ross, Columbus, Ohio	535
Gastroenterology Research Fund	307

GCO, Inc., Ann Arbor, Michigan . . . . .	193
General Bond Resolution . . . . .	474
General Electric Foundation . . . . .	219
General Industrial . . . . .	339
General Masonry Contractors, Inc., Marion, Ohio . . . . .	351
General Motors Corporation . . . . .	305, 463
General Surgery Fund for the College of Medicine . . . . .	21
Genetics, Academic Faculty . . . . .	445
Genetics, Department of . . . . .	445
Gesling Company . . . . .	466
Giehl, R. M., Inc. . . . .	540
Gifts-in-Kind . . . . .	171, 311, 347, 424, 535, 536
Gilmore, Edith Fergus, Fund . . . . .	306
Gilmore, Edith Fergus, Materials and Scholarship Fund . . . . .	536
Gleason, Emmet Blakeney, Memorial Fund, Inc. (The) . . . . .	219
Gloeckner, Fred C., Foundation, Inc. (The), New York, New York . . . . .	162
Goldberg, Milton, and Daniel Waitzman (Gift) . . . . .	308
Golf Course Superintendents Association of America Research Fund . . . . .	124
Goodrich, B. F., Chemical Company, Avon Lake, Ohio . . . . .	168
Goodyear Tire and Rubber Company Fund . . . . .	196
Greater Cleveland Associated Foundation, Cleveland, Ohio . . . . .	15
Guy, J. A., Inc. . . . .	316

H

Hamilton Manufacturing Co., Two Rivers, Wisconsin . . . . .	426
Hammond, Raymond D. (Gift) . . . . .	129
Hammond, Raymond D., Chemical Engineering Fund . . . . .	129
Harkers Fund . . . . .	306, 307
Hartford, John A., Foundation, Inc. (The) . . . . .	305
Haskins & Sells Foundation, Inc., New York, New York . . . . .	346
Havener, William H. (Dr.) (Gift) . . . . .	126, 169, 307
Headquarters, Air Force Office of Scientific Research, Arlington, Virginia . . . . .	416
Health, Education and Welfare, Department of, Office of Education, Chicago, Illinois . . . . .	455, 528
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Grants) 16, 17, 20, 118, 120-123, 195, 216, 302, 304, 344, 419, 458, 534	
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Contract) . . . . .	523
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Grants) . . . . .	110, 298, 455, 526, 527
Health, Education and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C. (Grants) . . . . .	194, 531, 532
Health, Education and Welfare, Department of, Public Health Service, Bethesda, Maryland (Grants) . . . . .	16-19, 118-123, 167, 194, 217, 302-304, 345, 420, 421, 458-461, 532-534
Health, Education and Welfare, Department of, Public Health Service, Bureau of Health Manpower Education, Bethesda, Maryland . . . . .	419, 420
Health, Education and Welfare, Department of, Public Health Service, Consumer Protection and Environmental Health Service, Food and Drug Administration, Rockville, Maryland (Research Foundation Contract) . . . . .	108

Health, Education and Welfare, Department of, Public Health Service, Food and Drug Administration, Rockville, Maryland (Research Foundation Contract) . . . . .	525
Health, Education and Welfare, Department of, Public Health Service, Food and Drug Administration, Washington, D. C. (Research Foundation Grants) . . . . .	11, 13
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland (Grants) . . . . .	118, 459
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bureau of Disease Prevention and Environmental Control, National Center for Air Pollution Control, Bethesda, Maryland (Research Foundation Grant) . . . . .	297
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bureau of Health Services, Division of Community Health Services, Bethesda, Maryland (Research Foundation Grant) . . . . .	110
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Grants) . . . . .	110, 112, 158, 159, 188, 190, 297
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Chevy Chase, Maryland (Research Foundation Grants) . . . . .	415
Health, Education and Welfare, Department of, Public Health Service, National Air Pollution Control Administration, Bethesda, Maryland (Research Foundation Grant) . . . . .	188
Health, Education and Welfare, Department of, Public Health Service, National Center for Health Services, Arlington, Virginia (Research Foundation Grant) . . . . .	12
Health, Education and Welfare, Department of, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland (Grant) . . . . .	119
Health, Education and Welfare, Department of, Public Health Service, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Grants) . . . . .	13, 15, 455
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Advisory Council of Education for the Health Professions, Bethesda, Maryland (Research Foundation Grant) . . . . .	13
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Health Manpower Educational Services, Bethesda, Maryland (Research Foundation Grant) . . . . .	111
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland (Research Foundation Grant) . . . . .	189
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland (Research Foundation Grants) . . . . .	527, 529
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland (Research Foundation Contract) . . . . .	10

Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland (Research Foundation Grant)	14
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Bethesda, Maryland (Grants)	119, 123
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Professions Education and Manpower Training, Division of Educational and Research Facilities, Bethesda, Maryland (Grant)	345
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research, Facilities and Resources Division, Bethesda, Maryland (Research Foundation Grant)	213
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland (Research Foundation Grant)	527
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, General Research Support Branch, Division of Research Facilities and Resources, Bethesda, Maryland (Research Foundation Grants)	341, 416
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Health Services and Mental Health Administration, Division of Regional Medical Programs, Arlington, Virginia (Research Foundation Contract)	8
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Advisory Council on Education for Health Professions, Bethesda, Maryland (Research Foundation Grant)	189
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Contracts)	8, 211
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Grants)	11, 12, 188, 214, 297, 298, 340, 417, 453, 454, 525
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland (Research Foundation Grants)	14, 110, 188, 189, 416, 525, 526
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland (Research Foundation Grants)	298
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Contract)	108
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Grants)	11, 111, 157-159, 188, 214, 339, 340, 415, 453, 454, 456, 525, 526, 529
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Contract)	335

Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Grants)	12, 14, 111, 189, 213, 416, 417
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland (Research Foundation Grants)	11-13, 111, 158, 159, 214, 298, 339, 340, 453, 454, 526
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Contract)	108
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Grants)	112, 160, 299
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland (Research Foundation Grants)	110, 157-158, 160-161, 298, 339, 341, 416, 453
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Grants)	110, 159, 160, 213, 298, 299, 340, 526, 527
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Grant)	345
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Research Foundation Contracts)	211, 296
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Research Foundation Grant)	13
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Research Contracts Branch, Bethesda, Maryland (Research Foundation Contracts)	155, 295
Health, Education and Welfare, Department of, Public Health Service, Special Research Resources Branch, Division of Research Facilities and Resources, Bethesda, Maryland (Research Foundation Grant)	159
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Bethesda, Maryland (Grant)	532
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Washington, D. C. (Grant)	167
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Community Services Administration, Washington, D. C.	17, 123
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C.	118, 119, 120, 122, 195
Health, Education and Welfare, Department of, Social Security Administration, Washington, D. C.	13
Health, Education and Welfare, Department of, U. S. Office of Education, Washington, D. C. (Grant)	195
Health, Education and Welfare, Department of, U. S. Office of Education, Washington, D. C. (Research Foundation Contract)	105

Health, Education and Welfare, Department of, U. S. Office of Education, Contracts and Grants Division, Planning, Research and Evaluation Branch, Washington, D. C. . . . .	108
Heer Foundation (The) . . . . .	129
Henry, Dorothy D., Estate of . . . . .	311
Herbert, Paul M. . . . .	35, 140
High, Charles F., Foundation (The) . . . . .	219, 462
Highlights of University Activities . . . . .	230
Hildreth Foundation, Inc. . . . .	128
Hill, Charles D., Equine Research Fund (The) . . . . .	220
Hirsch, Gustav, Memorial Professorship . . . . .	219
Hobart, Edward A. (Gift) . . . . .	196
Hobart, E. A., Welding Engineering Fund . . . . .	196
Holroyd and Myers . . . . .	173
Holy, Thomas C., Fellowship Fund . . . . .	124
Home Economics, School of . . . . .	311
Honorary Degrees . . . . .	2, 86, 291, 445, 519
Horticulture, Forestry and Food Technology Building . . . . .	292
Horticulture, Forestry and Food Technology Center . . . . .	132
Howard, Jess, Electric Co. . . . .	316, 317, 351, 426
Howlett Hall . . . . .	292
Huffman-Wolfe Co. . . . .	318
Humanities Center - Language Building . . . . .	314
Huntington, Augusta M. (Gift) . . . . .	423
Huntington, Hugh, Memorial Fund . . . . .	423
Hynite Corporation, Carrollville Station, Oak Creek, Wisconsin . . . . .	157

I

IBM Corporation . . . . .	126
IBM Corporation Fellowship Fund . . . . .	126
Illuminating Engineering Research Institute, New York, New York . . . . .	187, 338
Industrial Nucleonics Corporation . . . . .	127
Industrial Sponsor . . . . .	109
Infectious Disease Research Fund . . . . .	20, 124, 126, 169
Ingram, Edgar W., Foundation, Columbus, Ohio . . . . .	346
Inscho, C. Curtiss . . . . .	34
Inscho, C. Curtiss, and Associates . . . . .	184, 332
Institute of Nutrition . . . . .	410
Institute for Research in Vision . . . . .	195
Institute for Social Research, Survey Research Center, University of Michigan, Ann Arbor, Michigan . . . . .	114
Instrument of Transfer - Pooled Income Trust Fund . . . . .	241
Insurance Program . . . . .	137
Interior Decorating for 1971 . . . . .	314, 317
International Brotherhood of Electrical Workers . . . . .	217
International Copper Research Association, Inc., New York, New York . . . . .	535
International Nickel Company of Canada (The), Limited, New York, New York . . . . .	168
International Nickel Company Fellowship Fund (The) . . . . .	168
International Nickel Professorship in Corrosion Science and Engineering . . . . .	520

J

Jeffrey Galion, Inc. . . . .	347
Jeffrey, Joseph A., Jr. (Gift) . . . . .	129

Jennings, Martha Holden, Foundation, Cleveland Heights, Ohio . . . . .	462
Jesseph, John E. (Dr.) (Gift) . . . . .	21
Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California . . . . .	157
Jones Graduate Tower . . . . .	132, 464
Jones, Wilbur K., Foundation . . . . .	128
Jones, Wilbur K., Student Aid Fund . . . . .	128
Joyce, Glenna R., Trust under the Will of . . . . .	217
Juris Doctor Degree . . . . .	182
Justice, Department of, Law Enforcement Assistance Administration, Washington, D. C. . . . .	341

K

Kawai, Miyo, Memorial Fund (The) . . . . .	219
Keller, James W. (Dr.) (Gift) . . . . .	308
Kennedy, Robert F., Youth Center, Greenbag Road, Morgantown, West Virginia . . . . .	109
Kenny Road . . . . .	352
Kettering, Charles F., Foundation (The) . . . . .	305
Kilman, James W. (Dr.) (Gift) . . . . .	21
King, B. F. (Dr.) (Gift) . . . . .	308
Kiplinger, Foundation (The) . . . . .	305
Kiplinger, Willard M., Professorship in Public Affairs in the School of Journalism . . . . .	291, 305
Knowlton Construction Co. . . . .	318
Koffolt, Joseph H., Undergraduate Scholarship Award in Chemical Engineering . . . . .	168, 306
Kohli and Kaliher Associates, Lima, Ohio . . . . .	468
Kurtz, Ralph W. (Gift) . . . . .	307

L

Labor, Department of, Manpower Administration, Washington, D. C. . . . .	10, 11
Labouchere and Company . . . . .	307
Lacey, Henry B. (Dr. and Mrs.) (Gift) . . . . .	311
Lacey, Henry B. and Cecelia Haddox, Fund . . . . .	311
Lambert, Warner, Pharmaceutical Company, Morris Plains, New Jersey . . . . .	421
Land, Sale of . . . . .	229
Lands, Transfer of . . . . .	222, 223
Laneview Service Center - Railroad Siding Employment of Engineers . . . . .	319
Law, College of, Class of 1968 Scholarship Fund . . . . .	170
Law, College of, Senior Class Fund . . . . .	169
Lazarus, Charles Y., and Frances N. Lazarus Family Foundation . . . . .	21
Lazarus, F. & R., & Company . . . . .	307
Lazenby Hall - Remodeling of Library and Faculty Research Laboratories . . . . .	133
Lease Agreement . . . . .	427
LeFever, Harry E., Fund for Education in Neurological Surgery . . . . .	21
LeFevre, Howard and Catharine Bonner, Scholarship . . . . .	306
Licensed Beverage Industries, Inc., New York, New York . . . . .	192
Lichtenstein, Abba G. (Gift) . . . . .	171
Lichtenstein, Charles, Memorial Award Fund . . . . .	171
Lilly, Eli, and Company, Indianapolis, Indiana . . . . .	124, 168, 219, 345, 462
Lilly, Eli, and Company Organic Chemistry Research Fund . . . . .	168

Lima Campus . . . . .	20, 134, 223
Lima Campus - Expansion and Improvements of Parking Facilities . . . . .	466, 468
Lima Technical Building . . . . .	28
Limbach Company . . . . .	316, 317, 466
Link Foundation . . . . .	21
Link Foundation Fund for Aviation Medicine . . . . .	21
Lubrizol Foundation, Cleveland, Ohio . . . . .	126
Lubrizol Foundation Fellowship Fund for Chemical Engineering . . . . .	126
Lubrizol Foundation Fellowship Fund for Chemistry . . . . .	126
Lubrizol Foundation Scholarship Fund . . . . .	126
Lybrand Foundation Fund . . . . .	128
Lybrand, Ross Bros. and Montgomery, Columbus, Ohio . . . . .	128

M

Main Library Air Conditioning . . . . .	198, 317, 351
Mansfield O. S. U. Scholarship Fund . . . . .	196
Marathon Oil Foundation, Inc., Findlay, Ohio . . . . .	128
Marquette University, Milwaukee, Wisconsin . . . . .	212
Marshall, George C., Space Flight Center, National Aeronautics and Space Administration, Marshall Space Flight Center, Alabama . . . . .	186
Master of Science (Library Science) . . . . .	292, 431
McCampbell, Eugene F., Hall . . . . .	331
McCarty Brothers Electric Co. . . . .	318
McConnell, Janet, Estate of . . . . .	126
McCracken Power Plant - Coal Bunker Removal . . . . .	350
McCracken Power Plant Fuel Oil Storage Addition . . . . .	28
McCracken Power Plant - Removal of Coal and Ash Handling Equipment . . . . .	27, 199, 200
McCracken Power Plant - 13 KV Distribution System Extension . . . . .	349
McCrorry Foundation, Inc. . . . .	169
McDonnell Douglas Astronautics Company, Western Division, Santa Monica, California . . . . .	525
Means Hall Remodeling (TB Hospital Remodeling) . . . . .	425
Means Hall - Renovation of Electrical Systems . . . . .	131
Means Hall - Ventilation Systems Improvements - Phase I . . . . .	28
Mechanical Engineering, Department of . . . . .	307, 346
Mechanical Engineering, Department of, Support Fund . . . . .	463
Medical Academic - Area Lighting Improvements . . . . .	538
Medical Center Area - 13 KV Electric Service . . . . .	199, 351
Medical Center Parking Lot at Perry Street and 9th Avenue . . . . .	133
Medical College Class of 1970 Fund . . . . .	129
Medicine, College of . . . . .	305, 462
Medicine, College of, Memorial Fund . . . . .	124
Medicine, Department of . . . . .	462
Medicine, Department of, Fellowship Fund . . . . .	168
Meeks, Jack N., Foundation . . . . .	129
Meiling, Richard L., Chair of Obstetrics and Gynecology . . . . .	443
Mental Retardation Center . . . . .	331
Merck Company Foundation, Rahway, New Jersey . . . . .	169
Merck Fund in the College of Pharmacy . . . . .	169
Metal Properties Council (The), United Engineering Center, New York, New York . . . . .	109
Microbial and Cellular Biology, Academic Faculty . . . . .	445
Microbiology, Department of . . . . .	445
Minneapolis Public Schools, Special District No. 1, Minneapolis, Minnesota . . . . .	188

Minnesota Mining & Manufacturing Company, St. Paul, Minnesota . . . . .	421
Mirror Lake, Inc., Lima, Ohio . . . . .	168, 197
Modern Language Association of America, Center for Editions of American Authors, New York, New York . . . . .	342
Mollenauer, Harold F. . . . .	317
Monks, W. E. . . . .	173
Montgomery, Edward E., Sr. (Mr. and Mrs.) (Gift) . . . . .	307
Moores, Harry C., Dairy Technology Centennial Scholarship . . . . .	346
Moores, Harry C., Foundation (The) . . . . .	346
Morris Animal Foundation . . . . .	126
Morris, Mark L., Animal Foundation in the College of Veterinary Medicine . . . . .	126
Motor Vehicle, Traffic, Parking and Watercraft Regulations Affecting the Columbus and Branch Campuses . . . . .	5, 150
Murphy, Fred A. (Gift) . . . . .	171
Murphy, Maxine Harlan (Mrs. Fred A.) (Gift) . . . . .	171

N

Named Chairs . . . . .	412, 443
Named Professorships . . . . .	291, 520
Naming of Buildings . . . . .	3, 206, 292, 331, 446
National Academy of Sciences, National Academy of Engineering, Washington, D. C. . . . .	156
National Aeronautics and Space Administration, Washington, D. C. 12, 14, 111, 213, 415, 416 . . . . .	12, 14, 111, 213, 415, 416
National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California . . . . .	453
National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Huntsville, Alabama . . . . .	186, 187, 414
National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland . . . . .	527
National Aeronautics and Space Administration, Headquarters Contracts Division, Washington, D. C. . . . .	296
National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia . . . . .	189, 214, 299, 456, 527
National Aeronautics and Space Administration, Langley Research Center, Langley Station, Hampton, Virginia . . . . .	9
National Aeronautics and Space Administration, Manned Spacecraft Center, Facility and Laboratory Support Branch, Houston, Texas . . . . .	336
National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio . . . . .	117
National Machinery Foundation, Tiffin, Ohio . . . . .	346
National Machinery Foundation, Inc. . . . .	126
National Machinery Foundation Fund for Mechanical Engineering . . . . .	126
National/Ohio 4-H Foundation . . . . .	307
National Science Foundation, Washington, D. C. (Grants) 122, 123, 217, 302, 303, 304, 419, 460 . . . . .	122, 123, 217, 302, 303, 304, 419, 460
National Science Foundation, Washington, D. C. (Research Foundation Grants) . . . . .	12-15, 111-113, 158, 160-162, 189-190, 214, 299-300, 340-342, 417, 454-456, 526-529
Nationwide Communications, Inc. . . . .	207
Naval Air Development Center, Naval Air Systems Command, Warminster, Pennsylvania . . . . .	414

Naval Regional Procurement Office, U. S. Navy Base, Philadelphia, Pennsylvania . . . . .	10
Naval Regional Procurement Office (ARPA), U. S. Navy Base, Philadelphia, Pennsylvania . . . . .	9, 107
Navy, Department of, Office of Naval Research, Arlington, Virginia (Research Foundation Contracts) . . . . .	156, 296, 336, 337, 524
Navy, Department of, Office of Naval Research, Arlington, Virginia (Research Foundation Grant) . . . . .	456
Navy, Department of, Office of Naval Research, Washington, D. C. (Research Foundation Contract) . . . . .	187, 210
Navy, Department of, Office of Naval Research, Procuring Contracting Officer, Arlington, Virginia . . . . .	296
Navy, Department of, U. S. Naval Weapons Laboratory, Dahlgren, Virginia . . . . .	524
Neurology Research Fund . . . . .	129
Newark Campus . . . . .	222, 320
Newark Campus Scholarship Fund . . . . .	168
Newark O. S. U. Development Fund . . . . .	168
New Dimensions Program . . . . .	462
1932 Law Class Fund . . . . .	309
NOBA, Inc. . . . .	308
North American Rockwell Corporation, Columbus, Ohio . . . . .	117

O

O'Dair, Robert B. (Dr.) (Gift) . . . . .	21
Office of Civil Defense, Department of Army, Washington, D. C. . . . .	336
Office of Naval Research, Procuring Contracting Officer, Department of Navy, Washington, D. C. . . . .	156, 414
Ohio Agricultural Research and Development Center . . . . .	427
Ohio Arts Council, Columbus, Ohio . . . . .	216
Ohio Board of Regents . . . . .	19, 137, 177, 303, 431, 473, 542
Ohio Building Authority . . . . .	229
Ohio Contractors Association . . . . .	308
Ohio Dairy Products Research Fund . . . . .	129
Ohio Edison Company . . . . .	352
Ohio Electric Utility Institute (The) . . . . .	219, 346, 462
Ohio Florists Association, Columbus, Ohio . . . . .	421
Ohio Florists Association Fellowship Fund . . . . .	421
Ohio 4-H Foundation, Columbus, Ohio . . . . .	535
Ohio Historical Society . . . . .	202, 206
Ohio Law Enforcement Planning Agency, Department of Urban Affairs, Columbus, Ohio (Grant) . . . . .	118
Ohio Law Enforcement Planning Agency, Department of Urban Affairs, Columbus, Ohio (Research Foundation Grant) . . . . .	530
Ohio Lions Club Blindness Research Fund . . . . .	305
Ohio Lions Eye Research Foundation . . . . .	305
Ohio Lions Research Foundation . . . . .	195
Ohio Power Company . . . . .	320
Ohio Society of Certified Public Accountants Foundation . . . . .	169
Ohio Society of Certified Public Accountants Foundation Scholarship Fund . . . . .	169
Ohio Stadium - Artificial Turf . . . . .	28
Ohio Stadium - Artificial Turf 1971 . . . . .	465
Ohio - State of . . . . .	222
Ohio - State of, Department of Commerce, Columbus, Ohio . . . . .	531
Ohio - State of, Department of Education, Columbus, Ohio (Engineering Experiment Station Contract) . . . . .	193

Ohio - State of, Department of Education, Columbus, Ohio (Grants)	18, 121, 122
Ohio - State of, Department of Education, Division of Vocational Education	117, 533
Ohio - State of, Department of Health, Columbus, Ohio (Grant)	121
Ohio - State of, Department of Health, Columbus, Ohio (Research Foundation Grant)	113
Ohio - State of, Department of Highways	222, 223, 319
Ohio - State of, Department of Highways, Columbus, Ohio (Engineering Experiment Station Contracts)	115, 116, 163, 215, 457
Ohio - State of, Department of Mental Hygiene and Correction, Columbus, Ohio	461
Ohio - State of, Department of Natural Resources, Columbus, Ohio	164, 344
Ohio - State of, Department of Urban Affairs	304, 461
Ohio - State of, Ohio Youth Commission, Columbus, Ohio	531
Ohio State Museum Building	202, 206
Ohio State University Development Fund (The)	21, 131, 172, 197, 221, 312, 348, 424, 463, 537
Ohio State University Scholarship Fund (The)	169
Ohio State University YMCA-YWCA Scholarship (The)	125
Ohio Synod New Dimensions Program Fund	126
Ohio Tuberculosis and Health Association, Columbus, Ohio	168
Ohio Turfgrass Foundation	124
Ohio Union - Revision of Dishwashing System	537
Olentangy Freeway	223
Olentangy Main Trunk Sanitary Sewer (Part III), City of Columbus	200
Oman, Galen F. (Gift)	310
Oman, Galen F., Architecture Scholarship Fund	310
Operation Eye Research Fund	126, 129
Ophthalmologic Center Fund	21, 126, 170
Ophthalmology Teaching Fund	126, 169
Optometry, College of	2
Orton, Edward, Jr., Ceramic Foundation	127
Orton Hall - Exterior Restoration and Waterproofing	199, 351

P

Pace, William Greenville, Fund (The)	171
Page Southerland Page	541
Parke-Davis and Company	124
Parke-Davis and Company Fellowship	124
Parke-Davis Rotary Research Fund	124
Parking Lot West of Pedestrian Bridge	221
Parking Revenue System Notes, Series 1970	31
Payne Fund, Inc.	219, 535
Pedestrian Bridge Over Olentangy River	132
Penta-County Technical Institute	28
Petroleum Research Fund (The), American Chemical Society, Washington, D. C.	193
Pfizer, Charles, and Company, Inc.	20, 126, 169, 421
Pharmacia Laboratories, Inc.	219
Picker, James, Foundation, c/o National Research Council, National Academy of Sciences, Washington, D. C.	162
Pittsburgh Public Schools, Division of Occupational, Vocational and Technical Education, Pittsburgh, Pennsylvania	157
Plans and Specifications	27, 172, 198, 199, 314, 315, 349, 350, 465, 466, 538

Plastic Surgery Fund . . . . .	129
Platt, Joseph S. . . . .	206
Policy for Handling Disruption, Report on . . . . .	138
Polymer Engineering Research in Chemical Engineering Program . . . . .	168
Pooled Income Trust Fund . . . . .	206, 235, 241
Pooled Income Trust Fund - Trust Agreement . . . . .	235
Porthouse, C. R., Charitable Trust . . . . .	168, 306
President, Committee for Selection of a . . . . .	501, 515
Preston, E. S., Associates, Inc. . . . .	319
Prince William County School Board (The), Manassas, Virginia . . . . .	212
Procter and Gamble Company . . . . .	126, 463
Procter and Gamble Fellowship in Chemical Engineering . . . . .	126

R

Railroad Siding Removal and Site Restoration . . . . .	313
Ramseyer Hall - Renovation and Air Conditioning . . . . .	350
Ramseyer Hall - Renovation, Phase II . . . . .	540, 541
Ramseyer Hall - Renovation (University School Renovation) . . . . .	425
Reco Electric, Inc. . . . .	28
Reese, Everett D. (Gift) . . . . .	21
Refractories Institute, Pittsburgh, Pennsylvania . . . . .	126, 421
Refractories Institute Research Fund . . . . .	126, 421
Refractories Institute Research Fund - Ceramic Engineering . . . . .	126
Regents of the University of Wisconsin (The), Madison, Wisconsin . . . . .	113, 190, 300, 342, 530
Reorganization and Realignment of Central Administrative Structure of The Ohio State University . . . . .	88, 89, 91
Report on University's Investment Portfolio . . . . .	35, 139, 177, 202, 230, 322, 358, 434, 500, 543
Research Corporation, New York, New York . . . . .	342, 456
Research for Better Schools, Inc., Philadelphia, Pennsylvania . . . . .	187
Residency Rule, Modified Interpretation of . . . . .	519
Resolution Providing for the Authorization, Issuance and Sale of \$4,500,000 General Receipts Bonds, Series 1971, of The Ohio State University, Dated as of June 1, 1971, Pursuant to Trust Agreement Dated as of June 1, 1971 . . . . .	494
Resolution Providing for the Issuance of Not Exceeding \$4,500,000 Parking System Revenue Notes, Series 1970 . . . . .	31
Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment . . . . .	474
Richards, Robert K., Memorial Scholarship Fund . . . . .	128
Riklis, M., Fund for Study and Research in Business Administration (Mr. and Mrs.) . . . . .	169
Riklis, Meshulam, Chair in Business and Its Environment . . . . .	412
Riley, James R., Professorship of Marketing and Logistics . . . . .	307
Risley, Doris M. and Clifford A., Scholarship (The) . . . . .	218, 307
Risley, Doris M., Estate of . . . . .	218, 307
River Pump House - Electrical Feeders . . . . .	315, 426
River Union . . . . .	446
Robins, A. H., Company, Inc. . . . .	196, 297

Roessler, Anna, Trust under the Will of . . . . .	20, 124, 168, 219, 307, 345
Roessler, Samuel J., Memorial Medical Fund . . . . .	20, 124, 168, 307
Rohm and Haas Chemical Engineering Fund . . . . .	20
Rohm and Haas Company, Philadelphia, Pennsylvania . . . . .	20
Rohm and Haas Company Fund in Chemistry . . . . .	20
Rome Air Development Center, Griffiss Air Force Base, New York . . . . .	107, 524
Ross, Ed, Construction Co. . . . .	133
Ross Laboratories, Columbus, Ohio . . . . .	126
Ross Laboratories Graduate Research Fund - Dairy Food Chemistry . . . . .	126
Ross, Richard M. (Gift) . . . . .	129
Roth, George F., and Partners . . . . .	134
Roth, George F., and Partners, Inc. . . . .	134
<u>Rules for the University Faculty</u> . . . . .	87, 91, 93, 95, 96, 97, 98, 290, 325, 326, 327, 330, 363, 364, 365, 410, 437, 439, 440, 445, 519
Runyon, Damon, Memorial Fund, New York, New York . . . . .	114
Rusoff Foundation . . . . .	129
Rusoff, Maurice B., Award Fund . . . . .	129
Rutherford, William P. (Gift) . . . . .	129

S

S & S Electric Co., Inc. . . . .	315
Sale of Land . . . . .	229
Sandoz-Wander, Incorporated . . . . .	126
Sawtell, Elizabeth C., Fund for Natural Resources . . . . .	422
Sawtell, Elizabeth C. (Miss) (Gift) . . . . .	422
School District of the City of Pontiac, Michigan (The), East Pontiac, Michigan . . . . .	157
Schumacher Foundation . . . . .	308
Scott, Walter, Estate of . . . . .	20
Scott, Walter, Memorial Scholarship Fund . . . . .	20
Searle, G. D., & Company . . . . .	124
Searle, G. D., & Company Research in Medicine Fund . . . . .	124
Sears-Roebuck Foundation . . . . .	168
Selection of a President, Committee for . . . . .	501, 515
Series 1971 Resolution . . . . .	494
Serling, Carolyn Kramer, and Rod Serling (Gift) . . . . .	171
Setterlin, R. W., and Sons Co. . . . .	466
Seven-Up Bottling Company . . . . .	127
Shawnee Mission Public Schools, Shawnee Mission, Kansas . . . . .	157
Shell Companies Foundation, Inc. . . . .	219
Sisson Hall - Air Condition Animal Rooms 133 and 141 . . . . .	350
Sisson Hall - Remodeling for Office and Laboratories . . . . .	314
Sloan, Alfred P., Foundation, New York, New York . . . . .	421
Sloan, Alfred P., Foundation Scholarship Fund . . . . .	421
Sloan, Alfred P., Research Foundation, New York, New York . . . . .	15
Smith and Schaefer, Lakewood, Ohio . . . . .	319, 540
South Bass Island . . . . .	352
Speech Communication, Department of . . . . .	444
Speech, Department of . . . . .	444
Speer, Julian, Company . . . . .	133, 318
Sport Fishery Research Foundation, Washington, D. C. . . . .	343
Standard Oil (Indiana) Foundation, Inc. . . . .	308
State Library of Ohio (The), Columbus, Ohio . . . . .	19, 114

<u>Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules for the University Faculty</u> . . . . .	331
Steel Founders' Society of America, Rocky River, Ohio . . . . .	108, 109
Stephenson, Edward C. & Hazel L., Foundation (The) . . . . .	307
Stephenson, Hazel L., Estate of . . . . .	168
Sterling Electric Co. . . . .	133
Stoiber, Rena M., Estate of . . . . .	305
Strunk Maintenance Co. . . . .	199
Stryker Corporation . . . . .	129
Stryker Corporation Bioceramic Research Fund . . . . .	129
Student Athlete Grant-in-Aid Fund . . . . .	127, 128, 129, 171
Student Health Facility . . . . .	314
Student Health Insurance . . . . .	468
Suburban Motor Freight, Inc. . . . .	307
Sullivan, Joseph, Hall . . . . .	206
Sullivan, Joseph, Medal Award . . . . .	86
Swagler's, Inc. . . . .	539, 540
Synod of Ohio . . . . .	126
Systems Engineering Building . . . . .	3

T

Taft, Robert A., Water Research Center, Water Quality Office, Environmental Protection Agency, Cincinnati, Ohio . . . . .	530
Techology, Inc., Columbus, Ohio . . . . .	216
Telephone Duct System Expansion . . . . .	198
Theatre, Department of . . . . .	411
Thomas, Dodie, Estate of (Dora Jean Benjamin Thomas) . . . . .	195
Thomas, Dodie, Memorial Scholarship (The) . . . . .	195
Thoracic Surgery Support Fund . . . . .	21
Tilton, Earl M., Professorship in Mechanical Metallurgy . . . . .	128
Timken Roller Bearing Company, Canton, Ohio . . . . .	16, 193
Timmons, George W. (Gift) . . . . .	306
Tipton, Russell D. (Gift) . . . . .	308
Topper, Isadore, Estate of . . . . .	129
Topper, Isadore and Ida, Fund . . . . .	129
Transfer of Earned Indirect Costs . . . . .	22
Transfer of Lands . . . . .	222, 223
Transfers to Plant Funds . . . . .	25
Transportation, Department of, Federal Highway Administration, Washington, D. C. . . . .	9, 452
Transportation, Department of, National Highway Traffic Safety Administration, Office of Contracts and Procurement, Washington, D. C. . . . .	533
Transportation and Logistics Research Fund (The) . . . . .	461
Transportation Research Foundation, Washington, D. C. . . . .	461
Triangle Electric Co., Canton, Ohio . . . . .	540
2750th ABW, PMB, Base Procurement Branch, Building 120, Area C, Wright-Patterson Air Force Base, Ohio . . . . .	194

U

Union Carbide Corporation, Marietta, Ohio . . . . .	20
Union Carbide Corporation Fellowship and Grant-in-Aid for Chemistry . . . . .	20
Union Carbide Corporation Fund for Metallurgical Engineering . . . . .	20

Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee . . . . .	297
United Fund Health Foundation, Canton, Ohio . . . . .	457
U. S. Agency for International Development Mission to Venezuela . . . . .	156
U. S. Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright Patterson Air Force Base, Ohio . . . . .	9, 107
U. S. Army, Harry Diamond Laboratories, Washington, D. C. . . . .	8
U. S. Army Mobility Equipment Research and Development Center, Research and Development Procurement Office, Fort Belvoir, Virginia . . . . .	106, 156, 296, 451
U. S. Army Research Office-Durham, Durham, North Carolina . . . . .	168
U. S. Atomic Energy Commission, Washington, D. C. . . . .	460
U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois . . . . .	9, 106, 107, 186, 210, 211, 295, 335, 336, 451, 523, 524
U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. . . . .	217
U. S. Department of Interior, Washington, D. C. . . . .	116, 301
U. S. Department of Interior, Bureau of Mines, Denver, Colorado . . . . .	338
U. S. Department of Interior, Bureau of Mines, Advanced Research Projects Agency, Denver, Colorado . . . . .	414
U. S. Department of Interior, Federal Water Quality Administration, Office of Research and Development, Washington, D. C. . . . .	111
U. S. Department of Interior, Fish & Wildlife Service, Bureau of Sport Fisheries & Wildlife, Washington, D. C. . . . .	337
U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C. . . . .	122, 304
U. S. Department of Labor, Washington, D. C. . . . .	121, 167
U. S. Department of Labor, Manpower Administration, Washington, D. C. (Grant) . . . . .	532
U. S. Department of Labor, Manpower Administration, Washington, D. C. (Research Foundation Contract) . . . . .	107
U. S. Department of Labor, Manpower Administration, Washington, D. C. (Research Foundation Grant) . . . . .	15, 456
U. S. Department of Labor, Office of Administrative Services, Division of Procurement, Washington, D. C. . . . .	338
U. S. Department of Transportation, Federal Highway Administration, National Highway Safety Bureau, Washington, D. C. . . . .	119
U. S. Navy Purchasing Office, Washington Navy Yard, Washington, D. C. . . . .	337
University College - Building 13 . . . . .	173
University College (General College) - Building No. 2 . . . . .	349
University of Dayton, Research Institute, Dayton, Ohio (Research Foundation Contract) . . . . .	339
University of Dayton, Research Institute, Dayton, Ohio (Research Foundation Grant) . . . . .	162
University Discipline Officer . . . . .	151
University Hall . . . . .	34, 35, 140, 184, 207, 332, 351, 538
University Hall, Report on . . . . .	34, 35
University Hospital - Chilled Water Systems Additions . . . . .	33, 316
University Hospital - Improvements to Selected Patient Areas . . . . .	198
University Hospital - Improvements to Ventilating of 6th Floor and 8 East Nursing Stations . . . . .	537
University Hospital - Renovation of Mechanical System in Central Service Areas . . . . .	313

University Hospital - Replacement of Main House Pump System . . . . .	200
University of Michigan (The), Sponsored Research Purchasing, Ann Arbor, Michigan . . . . .	109
University Women's Club . . . . .	347
Upjohn Company (The) . . . . .	124, 346
Utilities and Renovation . . . . .	28, 200, 467

V

Van Buren and Firestone . . . . .	29
Vice President for Medical Affairs . . . . .	97
Vice President for Regional Campuses . . . . .	98
Vice President for Student Affairs . . . . .	151
Vlack, Frank, Co., Inc. . . . .	316

W

Waitzman, Daniel, and Milton Goldberg (Gift) . . . . .	308
Waitzman, Leo C., Memorial Scholarship Fund . . . . .	308
Waller & Lund . . . . .	316, 540
Washburn, Grace High, Trust (The) . . . . .	196, 346, 462
Washoe County School District, Reno, Nevada . . . . .	212
Welding Engineering, Department of . . . . .	171, 424, 535
Weyrich, Harry R. (Gift) . . . . .	308
Whitaker, Elliot L., Traveling Fellowship . . . . .	130
Wilson, Florence O. (Gift) . . . . .	536
Wing, Lucius A., Chair of Cancer Research and Therapy . . . . .	443
Wiseman, Adah V., Estate of . . . . .	305, 347
Wiseman, Kenneth, Scholarship in Medicine . . . . .	347
Withdrawal from Dividend Reserve on Group Life Insurance . . . . .	320
Worthington Board of Education, Worthington, Ohio . . . . .	109

X

Xerox Corporation, Stamford, Connecticut . . . . .	164
--	-----

Y

Yashon, David (Dr.) (Gift) . . . . .	21
YMCA and YWCA Advisory Board . . . . .	125
Young, Arthur, Foundation . . . . .	124
Young, Arthur, Professorship of Accounting . . . . .	124

Z

Zollinger Research Fund . . . . .	306
Zoology, Academic Faculty . . . . .	445
Zoology, Department of . . . . .	445

I	Degrees Conferred at The Ohio State University Commencement Convocation - September 4, 1970 . . . . .	39
II	Establishment of New Rules 11.12 and 29.2731 and Revision of Rules 11.11, 11.13, 29.25, 29.2701, and 29.2707 of <u>Rules for the University Faculty</u> . . . . .	141
III	Pooled Income Fund Trust Agreement and Instrument of Transfer . . . . .	233
IV	Degrees Conferred at The Ohio State University Commencement Convocation - December 18, 1970 . . . . .	243
V	Revisions of Rules 27.0703, 29.01, 29.03, 29.2711, and 53.0705 of <u>Rules for the University Faculty</u> . . . . .	323
VI	Revisions of Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and Deletion of Rule 27.11 of <u>Rules for the University Faculty</u> . . . . .	363
VII	Degrees Conferred at The Ohio State University Commencement Convocation - March 19, 1971 . . . . .	369
VIII	Revisions of Rules 13.0501, 27.0701, 27.09, 53.0705, and the Addition of Rule 13.17 to <u>Rules for the University Faculty</u> . . . . .	435
IX	Revisions of Rules 11.1305, 29.2705, and 35.07 of <u>Rules for the University Faculty</u> . . . . .	509
X	Revisions of Rules 35.07 and 49.03 of <u>Rules for the University Faculty</u> . . . . .	545
XI	Degrees Conferred at The Ohio State University Commencement Convocation - June 11, 1971 . . . . .	549

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

COLUMBUS

July 1, 1971 to June 30, 1972

1971-1972

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
ROBERT S. DORSEY, Cincinnati <sup>1</sup>	December 11, 1970	May 13, 1972
FREDERICK R. ECKLEY, Cleveland <sup>2</sup>	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
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

OFFICERS

JAMES W. SHOCKNESSY, *Chairman*

EDWARD Q. MOULTON, *Secretary*

ERNEST W. LEGGETT, *Treasurer*

<sup>1</sup> Appointed to fill unexpired term of Frederick E. Jones; resigned June 22, 1970.

<sup>2</sup> Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 2, 1971

The Board of Trustees met at its regular monthly meeting on Friday, July 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard R. Sirak.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

The Chairman, Mr. Shocknessy, introduced the new member of the Board of Trustees of The Ohio State University:

Dr. Howard D. Sirak, who was appointed by Governor John J. Gilligan to succeed Mr. John G. Ketterer, for the term beginning May 14, 1971 and ending May 13, 1980, with appointee taking office May 19, 1971.

\* \* \*

July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

Mr. Shocknessy presented the following statements:

A. Introduction of New Member of Board of Trustees

Dr. Howard D. Sirak has been selected by Governor Gilligan as his first appointment to our Board. And if this appointment is representative of what the Governor is likely to do in the future, the augurs for the future are good. I have known Dr. Sirak for a number of years as a physician, as a skilled and compassionate surgeon, as a professor, and as a connoisseur of painting and a renowned patron of the arts. Dr. Sirak as a member of the faculty of this University resigned this position to qualify as a member of this Board, since under State law a member of the faculty of this University may not be appointed to the Board. It is a compliment to our faculty that the Governor has taken someone from the faculty to serve on this Board. Dr. Sirak's service and experience however are not limited to his service and experience as a faculty member. His broad experience is hardly limited at all for a man of his years. But Dr. Sirak does have the kind of experience that we can well use. So, Dr. Sirak, we welcome you to the Board and we hope that you will make all the contributions to the Board which you are very well provided to make and that you will have noble service.

B. Death of Mrs. Robert Lazarus

I want to extend to you Dr. Sirak on behalf of our Board, and to your wife, our sympathy in the loss of her mother, Mrs. Robert Lazarus, whom we have known for many years as a great and gracious lady who lived her life in a large measure for her community. Her memory will be fresh in this community and long respected at this University for her many contributions. Please extend to Mrs. Sirak and Mr. Robert Lazarus, the sympathy of this Board.

C. Resignation of Gordon B. Carson

A man who has given a great service to this University has announced his intention to leave us and take a position of responsibility and honor at a college in another state. I am speaking, of course, of Gordon Carson. We shall miss Gordon Carson for all the things that he has done over the years, including making quicker trips to campus fires than Mayor LaGuardia. Anytime a fire bell has rung on this campus Gordon Carson was there before anyone else. Gordon Carson has looked out for temporalities at this University in a very

July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Shocknessy's statements (continued)

C. Resignation of Gordon B. Carson (continued)

faithful and very effective way. He has handled our finances in such a manner that we consider our finances to be in extraordinarily fine condition. Gordon, you probably will not be with us at the regular meeting in September so I want to extend to you at this time, on behalf of the Board, our best wishes for the future. It is always a bitter-sweet experience to bid somebody goodbye who is going to take another job--bitter for us to lose you--but it is sweet that it is something that you want. We wish you a happy tenure. We ask that you tell your wife that we will miss her, too. Both of you will be missed at the skating rink and I am sure that I will not enjoy the basketball games nearly as much without both of you there.

D. The Ohio State Lantern

As you know I, as well as many of the activities with which I have been associated over the years, have been the beneficiary of support from the press. The press has not always been wholeheartedly in support but almost. At this time I would like to do something that I have not had occasion to do before. I want to commend The Ohio State Lantern for making a correction in the latest issue of an article which the Lantern had written about me in the previous issue. The Lantern serves a very useful purpose to this University and to the community-wide audience. Also I want to commend the Editorial Board and I want to commend the Director because without the Director's good advice the Editorial Board is not likely to have the courage and integrity that an Editorial Board must have. The correction was very satisfactory to me although it did not mention, as the first article had, that I am still a member of the Wilberforce Board nor did it mention that I am presently Chairman of the Board at Mt. Carmel Hospital. It said that I am Chairman of the Nursing School Board of Mt. Carmel Hospital. I don't know whether I am or not but I rather think that as Chairman of the general Board of the Hospital that I am also connected with the Nursing School. Anyhow, I want to make the point that I learned very long ago that public figures should not run for editor, but public figures can be respectful and mindful of the contribution that news media make and I include the Lantern especially at this time.

July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

E. Appointment to Committees for 1971-1972

Retirement and Insurance Committee

Howard D. Sirak

Development Fund Board of Directors (one-year term)

Howard D. Sirak

The Development Fund Board By-laws require an election.

The Board of Trustees by unanimous voice vote approved the appointments pursuant to the By-laws of the Development Fund Board, which action constituted an election.

F. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that the membership on this important committee is now complete with the election of the following members:

Faculty Advisory Committee to the President  
and the Board of Trustees

Margaret A. Mordy  
Herbert S. Parnes

Chairman of The Ohio State University  
Development Fund Board

William S. Guthrie

G. Recognition of Speakers

Mr. Shocknessy made the following statement:

At the last meeting I stated that if anyone wished to appear before this Board that a request for such appearance, if it were presented within 48 hours before the meeting, would be entertained. Four such requests have been received prior to this meeting and all four have been granted the opportunity of appearing before this Board. The topics to be discussed by the persons requesting time to speak are: Black Students, Black Studies, and Mr. Charles Ross. We will allow five minutes without interruption to each speaker. If we have any questions, we will ask them of the speaker at the completion of his statement. We

July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Shocknessy's statements (continued)

G. Recognition of Speakers (continued)

are allowing the time prior to the agenda item on personnel matters since the topics indicated by the speakers relate primarily to this item. The four speakers will be called upon at the proper time by the Secretary, Mr. Michael White, Mr. Thomas Johnson, Mr. Bernard Donanberg, and Mr. Marty Cummins. When we come to the appropriate place in the agenda the Secretary will call upon the speakers and will advise each speaker when his allotted time is up.

H. Budget for 1971-1972

Ordinarily at this meeting we vote on a budget. Today we do not have a budget to vote upon but rather we have proposed an action which will carry us over until our appropriation is voted upon by the General Assembly. I mention this fact because it will probably be necessary for the Board to meet later in the month at the call of the Chairman since the Board ordinarily does not meet in August. July 30 is being held tentatively for the special meeting of the Board. The Board will plan to meet on this date if we can be in a position to take action on the budget, but if we cannot adopt a firm budget at that time the Board will have to adopt a provisional budget which will enable the University to carry on its affairs until such a time as an annual budget may be provided.

- o -

July 2, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the Taine G. McDougal  
Professorship in Engineering

Pursuant to an action of the Board of Trustees on January 14, 1965, setting forth conditions for the establishment of a "Named Professorship," President Fawcett recommended that the Taine G. McDougal Professorship in Engineering be established.

This professorship will be supported from income on the Taine G. McDougal Endowment Fund which was provided by a gift from Mr. McDougal. The area in which the appointment of the professor is to be made is left to the discretion of the Dean of the College of Engineering.

Upon motion of Mr. Eckley, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Distinguished Service Awards

Serving as a Committee on Distinguished Service Awards, the President's Cabinet has nominated and recommends, for approval by the Board of Trustees, the following-named persons to receive the Distinguished Service Award at the September 3, 1971 Commencement. 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.

Ralph L. Boyer  
Grace Fern Heck  
Virgil Overholt

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing nominations by unanimous voice vote.

C. Creation of Pooled Income Trust Fund  
for The Ohio State University

President Fawcett recommended that the Pooled Income Fund Trust Agreement and Instrument of Transfer (Appendix I, page 101) be substituted for the Pooled Income Fund Trust Agreement and Instrument of Transfer approved by the Board of Trustees on December 4, 1970.

The Pooled Income Fund Trust Agreement and Instrument of Transfer (Appendix I, page 101) creating a Pooled Income Fund for the University are hereby approved and submitted for the instruments previously approved by the Board of Trustees.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Creation of Pooled Income Trust Fund  
for The Ohio State University (continued)

The original Trustees of the Pooled Income Fund are authorized to submit the Pooled Income Fund to the Internal Revenue Service for approval, to make such changes in the Pooled Income Fund Trust Agreement and Instrument of Transfer as may in the opinion of the University Counsel be necessary or appropriate to satisfy the requirements of the regulations published by the United States Treasury Department, and to make such modifications of the Instrument of Transfer as may be appropriate to fit particular circumstances.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Interim Financing for the Lima Campus  
Technical Education Program

President Fawcett recommended that authorization be provided for The Ohio State University to act as the interim agent and to make the necessary expenditures from funds made available for this purpose from the Ohio Board of Regents to support the technical education program for the Lima Regional Campus for the period July 1, 1971 until the Allen County Technical Institute Board of Trustees fully assumes its administrative responsibility for the Autumn Quarter 1971.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Motor Vehicle, Traffic, Parking,  
Watercraft, and Bicycle Regulations

President Fawcett recommended that the previous actions by the Board relating to the "Motor Vehicle, Traffic, Parking, and Watercraft Regulations" be amended, effective September 1, 1971, so as to provide for:

1. Establishment of a Board of Appeals.
2. Incorporation of regulations relating to the use of bicycles on campus.
3. Modifications in the schedule of parking fees and fines to support the increased costs in operating the program.
4. Revisions in a number of the regulations to reflect organizational changes, clarity, and consistency.

The specific amendments are to be incorporated by reference in Exhibit A and on file with the official records of the Board of Trustees.

Upon motion of Mr. Dorsey, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous roll call vote.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 3, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix II, page 111.)

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

G. Funding for the Meshulam Riklis Chair in Business and Its Environment

The Foundation for Endowment of a Chair at Ohio State University, Inc., (the "Foundation") has resolved to contribute the net income from corporate bonds having a face value of \$500,000 to the University, through the Development Fund, for the endowment of the Meshulam Riklis Chair in Business and Its Environment. Income to support the Chair will come from the Foundation which now holds bonds with a face value of \$500,000, bearing interest at the rate of 6% per annum.

At the request of the Foundation, and upon recommendation of the Board of Directors of The Ohio State University Development Fund, it is requested that this Board of Trustees approve the appointment of a committee, working with the Dean of the College of Administrative Science and the Provost, to establish the guidelines for the Riklis Chair and begin the search for the first occupant, to be appointed beginning in the fall of 1972 or as soon thereafter as possible.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

H. Appointment to Board of Overseers for The Academy for Contemporary Problems

As a condition of the Agreement with Battelle Memorial Institute for the operation of The Academy for Contemporary Problems, President Fawcett recommended the appointment of Albert J. Kuhn to fill the vacancy on the Board of Overseers for the operation of the Academy which will be created by the resignation of Provost and Vice President James A. Robinson, effective August 1, 1971.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Interim Expenditure Authorization

President Fawcett made the following statement:

I had hoped to present a proposed budget for the fiscal year 1971-1972 to the Board at this meeting for its consideration. I regret however that I am unable to do so since the level of support to this University has not as yet been established by the 109th General Assembly. Hopefully before the end of this month the Assembly will be able to establish this level of support. Therefore, I am recommending that a special meeting of this Board be called for the purpose of reviewing and approving a University budget for this coming year as soon as the General Assembly has acted on this matter. If, however, this action has not been taken by the Assembly before the end of this month it may be necessary to request your support of a provisional budget prior to the legislative action and at the same time adjust student fee levels since such adjustments very probably will be mandated by the Assembly.

In the meantime I am requesting the requisite authority from the Board to make the necessary interim expenditures within the resources available in support of the continuing activities of this University.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

J. Insurance and Retirement Program for University Employees

Mr. Gushman presented the following recommendation on behalf of the Retirement and Insurance Committee:

The Retirement and Insurance Committee of the Board of Trustees has consulted with members of the University administration in an effort to improve the post-retirement death benefits with no additional out-of-pocket cost to the University, the faculty or administrative staff, and, furthermore to extend the post-retirement option to continue Life, AD & D, and Major Medical to all qualified employees. As a result of these deliberations and with the agreement of the insurance carrier, it was recommended that the following resolution be adopted:

BE IT RESOLVED, THEREFORE, by the Board of Trustees of The Ohio State University that the self-insured plan of post-retirement benefits for eligible employees of The Ohio State University be revised as follows and as further described in detail in the amended plan as filed with the official records of the Board of Trustees.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

J. Insurance and Retirement Program for University Employees (continued)

All faculty, unclassified nonteaching staff employees, classified Civil Service employees and regular permanent hourly employees retiring after October 1, 1971, with a minimum of 10 years of O.S.U. service, and eligible for retirement benefits under any retirement program administered by the State of Ohio, be eligible for the following schedule of post-retirement death benefits.

<u>Full Years of O.S.U. Service at Retirement</u>	<u>Schedule of Post-Retirement Death Benefits</u>
Less than 10 years	0
10 years but less than 15 years	\$1,000
15 years but less than 20 years	1,500
20 years but less than 25 years	2,000
25 years or more	2,500 maximum

A retired employee electing to continue Life and AD & D coverage to age 70 is not eligible for the post-retirement death benefit until age 70 and thereafter.

A retired employee electing not to continue Life and AD & D coverage would be eligible for the post-retirement death benefit if otherwise qualified.

BE IT FURTHER RESOLVED, THEREFORE, by the Board of Trustees of The Ohio State University that the following improvements in the University's insurance program under the John Hancock Mutual Life Insurance Company Contract Number GTC-58175-100 be further amended to include the following benefits:

The current post-retirement option to continue Life, AD & D, and Major Medical to age 70 applicable to faculty and unclassified nonteaching staff employees be extended to include classified Civil Service employees and regular permanent hourly employees.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the foregoing resolution was adopted by unanimous roll call vote.

\*

\*

\*

Prior to consideration of the Personnel Changes, the following speakers were heard by the Board:

Mr. Michael White, Student, Coordinator of Afro-Am, indicated that the students fully support Charles Ross and called for a full investigation into the procedure of Mr. Ross' dismissal.

Mr. Thomas Johnson, Student, President of the Student Council, College of Humanities, called for a more complete disclosure of the facts surrounding the Charles Ross case.

July 2, 1971 meeting, Board of Trustees

Speakers (continued)

Mr. Bernard Donanberg, Student, Executive Assistant to President of Undergraduate Student Government, presented letters from campus organizations protesting Charles Ross' dismissal.

Mr. Marty Cummins, Student, President Protem of Student Assembly, charged that Charles Ross was inept, incompetent, belligerent, and ineffective and urged the Trustees to support President Fawcett's recommendation.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the June 4, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Retirement, Resignation, Appointments, Changes of Status, Change of Responsibility, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Retirement

Dr. John C. Ullery retires as Chairman and Professor of Obstetrics and Gynecology, effective September 30, 1971. Upon the recommendation of Dean Prior, Dr. Ullery assumes the title Professor Emeritus upon his retirement.

B. Resignation

Gordon B. Carson will resign his position as Vice President for Business and Finance so that he might accept the Executive Vice Presidency of Albion College, Albion, Michigan, effective September 1, 1971.

President Fawcett made the following statement:

Since I was notified of Mr. Carson's decision only this past Wednesday, I have not had sufficient opportunity to determine how I should like to have his responsibilities fulfilled. Because of the important nature of these responsibilities, I believe that it is imperative that a decision be made at an early date. Because the Board will not meet again until September, I am asking that I be delegated the authority to make the necessary realignments and appointments appropriate to the fulfillment of Mr. Carson's current administrative assignments, subject to ratification by the Board at the next regular meeting.

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Appointments

Robert G. Arns, Vice Provost for Arts and Sciences, effective August 1, 1971, at a salary of \$28,448.00 per annum.

Russel C. Jones, Professor in and Chairman of the Department of Civil Engineering, effective July 1, 1971, at a salary of \$27,048.00 per annum.

D. Changes of Status

John B. Gabel from Professor in the Department of English to Acting Chairman of the Department of English, effective October 1, 1971, at a salary of \$20,088.00 per annum.

John D. Kraus from Professor in the Department of Electrical Engineering to Taine G. McDougal Professor in Engineering, effective July 1, 1971, at a salary of \$29,892.00 per annum.

E. Change of Responsibility

President Fawcett made the following recommendation in relation to the employment of Mr. Charles Ross:

I am following the administrative judgments of Dean Adams and Provost and Vice President Robinson and am not recommending the reappointment of Mr. Charles O. Ross for the Chairmanship of the Black Studies division for the academic year 1971-72, and I have so informed Mr. Ross June 30. Mr. Ross will continue as Associate Professor in the School of Social Work, effective Autumn Quarter, 1971. I have asked Dean Adams to appoint an Acting Chairman as soon as possible and at the same time to initiate a search for a Chairman. It is my sincere hope that I will be able to recommend an appointment for this position by no later than the beginning of Autumn Quarter, 1971.

While this action does not require a special motion, I am asking that a separate vote be taken by the Board in support of my decision on this matter.

Following the presentation of President Fawcett, Mr. Shocknessy indicated that he would entertain a motion applicable only to Item E under Personnel Changes pertaining to the action taken by the President on June 30 with respect to Mr. Charles Ross.

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Change of Responsibility (continued)

In making the motion, Mr. Dunlap said, "I made the motion that Mr. Ross be hired on the recommendation of the administration one year ago and while I remain in favor of and support the Black Studies division, I have weighed the evidence presented to us and would like now to move to support the President in his action to remove Mr. Ross." The motion was seconded by Mr. Eckley.

Mr. Hilliker was then recognized by the Chairman and made the following statement,

I have been greatly concerned for some time about the lack of progress of our Black Studies program. In my opinion, this is due solely to the lack of ability and the lack of true dedication to this University on the part of Charles Ross. I realize that what I am saying is not popular to some people in this room. I seriously question the advisability of retaining Charles Ross as an Associate Professor on this campus.

Mr. Hilliker then moved to amend Mr. Dunlap's motion and asked that all contractual agreements between The Ohio State University and Charles Ross be severed at the conclusion of his present one-year contract and that he not be employed as an Associate Professor in the School of Social Work. Mr. Harrod seconded the motion.

Mr. Shocknessy said "We now have before us a motion by Mr. Dunlap seconded by Mr. Eckley to ratify the President's action in not recommending Mr. Charles Ross for Director for the ensuing year. We have also before us an amendment to Mr. Dunlap's motion by Mr. Hilliker to separate Mr. Ross from the University at the conclusion of his present one-year contract."

The Chairman queried the mover of the original motion, Mr. Dunlap, as to whether or not he would accept the amendment and Mr. Dunlap indicated that he would not.

In the absence of discussion, the vote on the amendment was taken. Mr. Hilliker and Mr. Harrod cast affirmative votes and Dr. Sirak, Mr. Gushman, Mr. Dorsey, Mr. Eckley, Mr. Dunlap, Mr. Safford, and Mr. Shocknessy cast negative votes. The Chairman declared the amendment lost with seven negative votes and two affirmative votes.

The call was then made for discussion on the original motion. By a roll call vote the original motion was unanimously approved. In casting his affirmative vote, Mr. Dorsey said

This has been a very difficult personal decision to make as you well know since I am the only Black member on the Board and this issue does directly concern a Black faculty member. I have pored over the evidence including the charges and counter-charges that have been raised in this case and I have come to the conclusion that the hearing

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Change of Responsibility (continued)

Mr. Dorsey's statement (continued)

requested by Mr. Ross was conducted fairly. I am also fully satisfied that the administration is dedicated to creating a viable Black Studies program. At this time I want to go on record as saying that I have been fully informed of the facts in this case and that I am in support of the President's recommendation.

F. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Clair W. Young, Assistant Professor (Assistant State Leader, 4-H), effective July 1, 1971 through August 31, 1971, to participate in a program of professional improvement at The Ohio State University.

G. Leaves of Absence Without Salary

Nicholas Holowaychuk, Professor, Department of Agronomy, effective July 16, 1971 through September 16, 1971, to conduct a soil survey in an area in the Congo, Africa.

Reinhart F. H. Butter, Associate Professor, Division of Design, effective October 1, 1971 through September 30, 1972, for a visiting lectureship in Germany.

Arnold Shapiro, Associate Professor, Department of English, effective October 1, 1971 through September 30, 1972, for a Fulbright Lectureship at the University of Helsinki, Finland.

David Earl Lindsey, Assistant Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a Visiting Assistant Professorship at Macalester College, St. Paul, Minnesota.

Ana R. Llorens, Assistant Professor, University Library, effective July 1, 1971 through September 30, 1971, to serve as Secondary School Library Consultant in Colombia, South America.

Richard Douglas Porter, Assistant Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a position with the Board of Governors of the Federal Reserve Bank, Washington, D. C.

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Leaves of Absence Without Salary (continued)

Gregory A. Briggs, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective June 16, 1971 through August 31, 1971, to participate in a program of professional improvement at The Ohio State University.

Lee Chadeayne, Instructor, Department of German, effective October 1, 1971 through September 30, 1972, to accept a one-year guest professorship in Germany.

Shashikala A. Gogate, Instructor, Department of Pathology, effective June 14, 1971 through June 18, 1971, for personal reasons.

Jack E. Hathaway, Instructor, Department of Veterinary Clinical Sciences, effective July 1, 1971 through June 30, 1972, to continue work on his Ph. D. degree.

Jack Henry Kunin, Instructor, Division of the History of Art, effective October 1, 1971 through September 30, 1972, to complete dissertation for Ph. D. degree.

Geraldine Olson, Instructor (Extension Specialist, Family Development), Cooperative Extension Service, effective July 1, 1971 through September 15, 1971, to participate in a program of professional improvement at The Ohio State University.

H. Emeritus Titles

Ralph H. Davidson, Department of Entomology, with the title Professor Emeritus, effective July 1, 1971.

Bernard S. Meyer, Department of Botany, with the title Professor Emeritus, effective September 1, 1971.

Consuelo Wise, College of Dentistry, with the title Professor Emeritus, effective July 1, 1971.

Mr. Shocknessy asked what privileges were granted a member of the faculty in the College of Medicine who is retiring with the title of Professor Emeritus, and specifically whether such a person retains the privilege of practicing within the University Hospitals.

At the President's request, Dr. Meiling responded to this question stating

The constitution and bylaws of the Hospital provide for positions as honorary staff members. The honorary staff are appointed each

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

Dr. Meiling's statement (continued)

year the same as the attending staff, the courtesy staff, and the limited staff upon the recommendation of the Chief of the Clinical Division in which they are extended these privileges, which includes the admission and attending of patients. At the present time we have extended this to members of the faculty who hold emeritus professorships; we have extended it to members of the faculty who have national, state, or local reputations professionally, and they are granted the privilege of admitting patients the same as other members of the staff. The attending staff, however, have priority on admitting and attending of patients because they also have a teaching responsibility.

Mr. Shocknessy then asked whether Dr. Ullery, as a Professor Emeritus, would be permitted to admit and to attend patients in University Hospital or whether he would have to be named to honorary staff membership.

Dr. Meiling responded that Dr. Ullery would have to be named to the honorary staff in order to admit and to attend patients.

Mr. Shocknessy also inquired as to whether Emeriti receive office space.

Dr. Meiling stated that office space is provided to Emeriti on an availability basis which is usually shared space. Further, he stated that presently no Emeriti are assigned office space in the University Hospitals but some office space is available in other facilities including the Basic Medical Science Building, Starling-Loving Hall, and Hamilton Hall.

President Fawcett recommended that the Retirement, Resignation, Appointments, Changes of Status, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University be approved.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
May 15, 1971 - June 11, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 704,198.00
Industrial and Other Research	4	22,851.00
<u>Grants</u>		
Government Research - Federal	27	1,025,267.00
Industrial and Other Research	4	<u>66,215.76</u>
Totals	45	\$1,818,531.76

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #1 - Department of Veterinary Pathology).  
Gross Value - \$25,370.00.
- b. Department of Air Force, Air Force Systems Command, Air Force Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Project No. 2726 - Mod. #P00005 - Department of Metallurgical Engineering).  
Gross Value - \$865.00.
- c. U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior of National Samples of Men (45-59), Women (30-44), and Male and Female Youth (14-24) (to be known as Project No. 3038-A1 - Mod. #2 - Department of Economics).  
Gross Value - \$407,698.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Physical Fitness Training (to be known as Project No. 3039-A1 - Mod. #2 - School of Health, Physical Education and Recreation).  
Gross Value - \$20,336.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- e. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Program to Apply the Gas Diagnostics in the AFFDL (Air Force Flight Dynamics Laboratory) (to be known as Project No. 3040-A1 - Mod. #P00004 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$25,602.00.
- f. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,604.00.
- g. Department of Army, New York Procurement Agency, New York, New York, Low-Resolution Small-Unit Model (LORSUM) (to be known as Project No. 3217-A1 - New - Department of Industrial Engineering).  
Gross Value - \$75,075.00.
- h. Department of Navy, Naval Air Systems Command, Washington, D. C., Adaptive Antenna Arrays for Aircraft Communications (to be known as Project No. 3234-A1 - New - Department of Electrical Engineering).  
Gross Value - \$49,987.00.
- i. Department of Health, Education and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., Problems in Financing Inner City Schools (to be known as Project No. 3237-A1 - New - College of Education).  
Gross Value - \$19,323.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies on the Ability of Stored Blood to Transport Oxygen In Vivo (to be known as Project No. 3244-A1 - New - Department of Medicine).  
Gross Value - \$78,338.00.

TOTAL - Government Research Contracts - Federal \$704,198.00

2. Industrial and Other Research Contracts

- a. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Rudolph Edse (to be known as Project No. 3017-A1 - Sponsor Telegram Dated 5/4/71 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,000.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- b. The Boeing Company, Wichita Division, Wichita, Kansas, Study of Induced Transient Current Distributions (to be known as Project No. 3226-A1 - New - Department of Electrical Engineering).  
Gross Value - \$10,000.00.
- c. The Columbus Dental Manufacturing Co., Columbus, Ohio, Clinical Studies on Utilization of Dental Materials and Devices (to be known as Project No. 3249-A1 - New - College of Dentistry).  
Gross Value - \$9,451.00.
- d. Pfizer Agricultural Division, Development Research Department, Terre Haute, Indiana, Broiler Feeding - Terramycin Experiment (to be known as Project No. 3250-A1 - New - Department of Poultry Science).  
Gross Value - \$2,400.00.

TOTAL - Industrial and Other Research Contracts \$22,851.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-2K - Rev. Award Dated 4/29/71 - Department of Medicine).  
Gross Value - \$2,341.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-3K - Rev. Award Dated 4/29/71 - Department of Medicine).  
Gross Value - \$2,270.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Center for Air Pollution Control, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-K - Rev. Award Dated 5/19/71 - Department of Chemistry).  
Gross Value - \$8,568.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-H - Ext. #8 - Department of Biochemistry).  
Gross Value - \$52,174.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-G - Ext. #7 - College of Pharmacy).  
Gross Value - \$18,803.00.
- f. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Hydrophilic Colloid Interactions in Foods (to be known as Project No. 2037-F - Ext. #6 - Department of Food Science and Nutrition).  
Gross Value - \$26,710.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain Tumors (to be known as Project No. 2069-F - Ext. #6 - Department of Medicine).  
Gross Value - \$35,239.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as Project No. 2379-B - NIH Notice Dated 4/23/71 - Department of Chemistry).  
Gross Value - \$9,640.00.
- i. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #5 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-C - Rev. Award Dated 5/14/71 - Department of Medicine).  
Gross Value - \$3,523.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Taxonomic Study of Cariogenic Bacteria (to be known as Project No. 2625-B - Ext. #2 - College of Dentistry).  
Gross Value - \$80,795.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Psychophysiology and Psychosomatic Medicine in the USSR (to be known as Project No. 2670-B - Sup. #11 - Department of Psychiatry).  
Gross Value - \$4,554.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Neurophysiology of Corneal Receptive Fields (to be known as Project No. 2774-B - Ext. #2 - College of Optometry).  
Gross Value - \$16,091.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Advisory Council on Education for Health Professions, Bethesda, Maryland, Computer-Assisted Independent Study: A Pilot Program (to be known as Project No. 2835-B - Ext. #2 - Department of Medicine).  
Gross Value - \$254,105.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Interactions of Tetracyclines Using Optical Probes (to be known as Project No. 2843-B - Ext. #2 - College of Pharmacy).  
Gross Value - \$17,664.00.
- p. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Antimicrobial Properties of Bovine Milk Serum (to be known as Project No. 2877-B - Ext. #2 - Department of Food Science and Nutrition).  
Gross Value - \$18,347.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosemiasis (to be known as Project No. 3042-A2 - Ext. #1 - Department of Veterinary Pathology).  
Gross Value - \$26,982.00.
- r. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as Project No. 3058-A2 - Ext. #1 - Department of Psychology).  
Gross Value - \$7,225.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Blood Estradiol Levels for Assessment of Fetal Status (to be known as Project No. 3073-A2 - Ext. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$28,315.00.
- t. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Chronic Chlorpromazine Administration to Macacus Rhesus (to be known as Project No. 3075-A2 - Ext. #1 - Department of Medicine).  
Gross Value - \$28,168.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A2 - Ext. #1 - Department of Food Science and Nutrition).  
Gross Value - \$38,343.00.
- v. National Science Foundation, Washington, D. C., Transition Probabilities and Other Parameters for Atoms and Molecules of Astrophysical Interest (to be known as Project No. 3245-A1 - New - Department of Astronomy).  
Gross Value - \$25,500.00.
- w. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Disability in the United States (to be known as Project No. 3246-A1 - New - College of Law).  
Gross Value - \$42,439.00.
- x. Department of Health, Education and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - New - College of Education).  
Gross Value - \$124,596.00.
- y. National Science Foundation, Washington, D. C., Development of a New Geochronometer Based on the Decay of Lu<sup>176</sup> to Hf<sup>176</sup> in Rocks and Minerals (to be known as Project No. 3254-A1 - New - Department of Geology).  
Gross Value - \$15,700.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

z. National Science Foundation, Washington, D. C., Metallic Implant Materials (to be known as Project No. 3255-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$100,000.00.

aa. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Variations in Prescription Markups-on-Retail (to be known as Project No. 3257-A1 - New - College of Pharmacy).  
Gross Value - \$7,175.00.

TOTAL - Government Research Grants - Federal \$1,025,267.00

4. Industrial and Other Research Grants

a. National Tuberculosis and Respiratory Disease Association, New York, New York, Lipids of Mycobacteriophages: Separation and Identification (to be known as Project No. 3010-A1 - Sponsor Letter Dated 3/3/71 - Department of Medical Microbiology).  
Gross Value - \$28,315.00.

b. American Heart Association, Inc., New York, New York, Blood Oxygen Transport in Hemoglobinopathies (to be known as Project No. 3243-A1 - New - Department of Medicine).  
Gross Value - \$13,970.00.

c. American Cancer Society - Milwaukee Division, Milwaukee, Wisconsin, The Biochemical Genetics of Morphogenesis and Birth Defects (to be known as Project No. 3251-A1 - New - Department of Biochemistry).  
Gross Value - \$499.76.

d. Environmental Protection Agency, Water Quality Office, Washington, D. C., Pesticide Movement from Cropland Into Lake Erie (to be known as Project No. 3256-A1 - New - Department of Entomology).  
Gross Value - \$23,431.00.

TOTAL - Industrial and Other Research Grants \$66,215.76

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$12,416.00

During the period from May 15, 1971 through June 14, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 388X      Field Testing of Pavement Thickness Gage, Ohio  
Department of Highways, Columbus, Ohio.  
Gross Value - \$12,416.00.

C. Authorization to Execute Agreement Between The Ohio State University  
and the Marion County Technical Institute at Marion

In response to a clearly identified need for technical education programs in the Marion, Ohio, area, the Ohio Board of Regents has authorized the creation of the Marion County Technical Institute District. The authorization for state universities to establish technical education programs in cooperation with technical institutes organized under the laws of Ohio, is in harmony with action taken by the 107th General Assembly, Section 3357.09 of the Ohio Revised Code.

President Fawcett recommended therefore that the President of the University be authorized to sign an agreement between The Ohio State University and the Marion County Technical Institute to provide for technical education programs on the Marion Campus of the University, to begin with the Autumn Quarter, 1971.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.

\*

\*

\*

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 4, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance	\$4,140,976.93
Received Through The Ohio State University Development Fund	87,886.11

A. Administered Through the Office of Business and Finance

1. \$1,988,004.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Comprehensive Career Education Model - The Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period June 15, 1971 through June 30, 1972. (Grant No. OEG-3-7-000158-2037, Revision No. 15)
2. \$653,400.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the NDEA Title IV Graduate Fellowship Program, for the period September 1, 1971 through August 31, 1972. (Award No. 437-003090)
3. \$353,137.00 granted by U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. 20250, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period July 1, 1971 through June 30, 1972. (Contract No. 12-25-400-64)
4. \$240,086.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Graduate School, for the period extending through August 31, 1972. (Grant No. OEG-0-70-4214, Revision No. 3)
5. \$92,718.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08458-08)

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

6. \$91,440.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Parasitology and Medical Entomology," under the direction of the Department of Entomology - Acarology Laboratory, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 A100216-11)
7. \$89,616.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Administration," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 D04 AH 0111-01)
8. \$72,466.33 granted by U. S. Department of the Interior, Environmental Protection Agency, Washington, D. C. 20242, to the University for "Multidisciplinary Training in Water Pollution Control," under the direction of the Water Resources Center, for the period July 1, 1971 through June 30, 1972. (Grant No. 5P1-WP-219-03)
9. \$65,813.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for "Mental Retardation Training Program - Core Group," under the direction of the College of Medicine, for the period August 1, 1971 through July 31, 1972. (Grant No. 55-P-25013/5-05)
10. \$52,228.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Preparation for Leadership Positions in Child Health Services," under the direction of the School of Nursing, for the period June 1, 1971 through May 31, 1972. (Grant No. 5 D10 NU 00429-02)
11. \$45,971.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 D06 DH05044-10)
12. \$45,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Expanded Auxiliary Management," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D11 DH08008-01)
13. \$44,920.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 AN05118-15)

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

14. \$43,701.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. T02 MH05924-21)
15. \$41,239.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry Child - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH11296-04)
16. \$40,124.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08254-09)
17. \$36,525.60 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "EPDA Program - Industrial Arts Education," for the Summer 1971.
18. \$32,834.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Psychology," under the direction of the Department of Psychology, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 T01 MH12349-01)
19. \$30,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "In-Service Program in Reading/Language Arts," under the direction of the College of Education, for the period extending through December 31, 1972. (Grant No. OEG-0-70-2057, Revision No. 3)
20. \$27,713.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," for a Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 GM21946-08)
21. \$16,776.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 MH10778-05)

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

22. \$15,188.00 granted by Ohio Nursing Home Association, Columbus, Ohio, to the University for "Education Program for Ohio Provisionally Licensed Nursing Home Administrators," under the direction of the College of Administrative Science - Division of Continuing Education, for the Summer 1971.
23. \$11,999.00 granted by State of Ohio, Department of Education, Columbus, Ohio to the University for "1971 Advanced Workshop in Drivers Education," under the direction of the College of Education, for the Summer 1971.
24. \$5,540.00 granted by The Ford Foundation, New York, New York, 10017, to the University for "Black Student Doctoral Fellowship," under the direction of the Graduate School, for the year 1971-1972. (Project No. 719-0021)
25. \$2,951.00 additional grant by the National Science Foundation, Washington, D. C. 20550, to the University for the Graduate Traineeship Program under the direction of the Graduate School. (Grant No. GZ-1288, Amendment No. 1)
26. \$1,000.00 granted by The Supreme Council 33<sup>o</sup> A. A. Scottish Rite, Lexington, Massachusetts 02173, to the University for the renewal of the Leon M. Abbott scholarship in the Ohio State's School of Journalism for the 1971-1972 academic year.
27. \$587.00 additional grant by National Endowment for the Humanities, Washington, D. C. 20506, to the University for support of the Latin Institute to Prepare The Columbus Latin Reader for publication and implementation in the schools, under the direction of the Department of Classics, for the period March 1, 1970 through May 31, 1971. (Grant No. EO-119-70-4160)

TOTAL - Administered Through the Office of Business and Finance  
\$4,140,976.93

B. Received Through The Ohio State University Development Fund

1. \$15,000.00 from Leo Yassenoff, Columbus, Ohio, as an undesignated gift to the University.
2. \$13,886.11 from The Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
3. \$12,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for research.

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for its research fund.
5. \$7,000.00 from Lybrand Foundation, Columbus, Ohio--\$5,000.00 to support one or more Ph. D. candidates in the field of Accounting and \$2,000.00 as an unrestricted gift to the College of Administrative Science - Academic Faculty of Accounting or the Chairman of the Accounting Academic Faculty.
6. \$5,000.00 from A. Earl Cullum, Jr., & Associates, Dallas, Texas, for the ElectroScience Laboratory Director's Fund.
7. \$5,000.00 from The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.
8. \$5,000.00 from Mrs. Alfred J. Kobachker, Los Angeles, California, to establish a loan fund with preference for students in the College of Arts.
9. \$5,000.00 from Pharmacia Laboratories, Inc., Piscataway, New Jersey, for gastroenterology research.
10. \$5,000.00 from Union Carbide Corporation, New York, New York, for its fellowship in Welding Engineering.
11. \$5,000.00 from Union Carbide Corporation, South Charleston, West Virginia, for its fellowship in Chemical Engineering.

TOTAL - Received Through The Ohio State University Development Fund  
\$87,886.11

Upon motion of Mr. Safford, seconded by Mr. Eckley, the acceptance of the foregoing grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In May, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,408	\$120,057.24
Individuals Other than Alumni	143	57,763.59
Business Concerns	62	65,155.50
Foundations and Nonprofit Organizations	<u>40</u>	<u>40,487.87</u>
	4,653	\$283,464.20

\*

\*

\*

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

President Fawcett reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 149999, University Treasurer General Fund.

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1970-71.

National Science Foundation

310059	Geology	Sweet and Bates	\$ 6,822.86
310093	Education	Schlessinger	5,467.76
310101	Education	Mayer	701.96
310105	Pharmacy	Malspies	83.14
310106	Physics	Riley	561.55
310107	Geology	Mayer	314.14
310113	Geography	King	736.85
310114	Computer and Information Science	Kerr	1,255.82
310115	Education	Mayer	2,150.50
310116	Mathematics	Riner	4,336.60
310117	Geology	Spieker	1,773.28
310118	Mathematics	Brown	3,304.00
310119	Engineering	Yarrington	1,675.73
310122	Chemistry	Ouellette	926.66
310124	Pharmacy	Malspies	1,174.00
310125	Physics	Riley	<u>225.65</u>
Total National Science Foundation			<u>\$ 31,510.50</u>

U. S. Department of Health, Education and Welfare

320258	NIH - Pharmacy - LaPibus	\$ 1,442.34
320260	NIH - Physics - Nelson	1,640.68
320261	NIH - Psychiatry - Gregory	3,217.29
320262	NIH - Psychiatry - Gregory	6,800.00
320263	NIH - School of Nursing - King	2,443.63
320265	NIH - School of Social Work - Medhurst	1,486.19
320266	NIH - Dentistry - Davalaris	2,000.16
320267	NIH - School of Social Work - Medhurst	2,620.72
320269	NIH - Veterinary Pathology - Cole	9,580.42
320270	NIH - Medicine - Warren	5,154.85
320271	NIH - Medicine - Balcerzak	2,518.81
320272	NIH - Medicine - Weissler	3,940.33
320274	NIH - Obstetrics and Gynecology - Ullery	3,945.75
320275	NIH - Entomology - Wharton	3,641.46
320276	NIH - Psychology - Wickens	2,016.80

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

320277	NIH - Pathology - Cerilli	\$ 3,658.20
320278	NIH - Dentistry - Rosen	1,745.71
320279	NIH - Pharmacology - Hollander	1,500.27
320280	NIH - Physiology - Little	1,286.90
320281	NIH - Ophthalmology - Makley	3,974.86
320283	NIH - Surgery - Zollinger	7,010.38
320284	NIH - Otolaryngology - Saunders	8,284.96
320285	NIH - Medicine - Allen	3,832.62
320286	NIH - Medicine - Wooley	2,182.59
320287	NIH - Dentistry - Trippy	4,638.16
320288	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,367.70
320289	NIH - Industrial Engineering - Rockwell	2,916.55
320290	NIH - Psychiatry - Marks	897.16
320292	NIH - Medicine - George	2,026.88
320293	NIH - Pathology - Gruemer	723.87
320294	NIH - School of Social Work - Medhurst	2,201.11
320295	NIH - Preventive Medicine - Shillito	4,378.59
320296	NIH - Psychology - Meyer	1,656.11
320297	NIH - Psychology - Siegel	4,478.82
320298	NIH - Psychiatry - Coddington	2,572.86
320299	NIH - Surgery - Hunt	4,089.80
320300	NIH - Psychiatry - Gregory	4,400.00
320301	NIH - Medicine - Skillman	3,392.25
320302	NIH - School of Social Work - Medhurst	629.68
320305	NIH - Psychology - Meyer	1,334.20
320314	NIH - Medical Microbiology - Bowman	1,640.94
320317	NIH - Medicine - Warren	1,633.47
320318	NIH - Veterinary Physiology and Pharmacology - Hamlin	2,136.20
330057	Children's Bureau - Mental Retardation Program - Gibson	28,372.08
330066	PHS - Preventive Medicine - Keller	3,500.00
330082	PHS - Dentistry - Zacherl	3,685.23
330084	Children's Bureau - School of Social Work - Medhurst	6,265.45
330085	PHS - College of Medicine - Andrews	170,209.52
330086	PHS - Medicine - Balcerzak	840.00
330089	PHS - Mental Retardation Program - Gibson	4,621.69
330092	PHS - Preventive Medicine - Keller	3,840.00
330093	PHS - Surgery - Vasko	5,414.09
330095	RSA - Sociology - Nagi	1,361.10
330096	RSA - Speech - Black	590.88
330097	PHS - School of Nursing - King	3,063.69
330098	RSA - Physical Medicine - Nagi	11,823.81
330099	RSA - School of Allied Medical Professions - Locher	1,087.59
330100	RSA - Physical Medicine - Johnson	7,126.92

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

330101	RSA - School of Allied Medical Professions - Woods	\$ 108.97
330103	PHS - Dentistry - Zacherl	5,962.69
330107	PHS - School of Nursing - Hickey	3,289.35
340065	OE - Center for Vocational and Technical Education - Taylor	215,182.41
340105	OE - Education - Stufflebeam	1,556.00
340106	OE - Slavic Languages - Twarog	7,650.31
340109	OE - Education - Dowling	5,782.08
340110	OE - Main Library - Branscomb	10.00
340111	OE - Center for Vocational and Technical Education - Miller	1,554.87
340118	OE - Center for Vocational and Technical Education - Taylor	33,872.73
340120	OE - Slavic Languages - Twarog	<u>3,288.32</u>
Total U. S. Department of Health, Education and Welfare		<u>\$663,100.05</u>

U. S. Government - Other

340066	HUD - School of Architecture - Stollman	\$ 4.04
390014	AID - India - Engineering	1,885.39
390020	AID - Brazil - Agriculture	5,249.58
390028	AID - India - Education (Prior Years)	(510.50)
390034	AID - India - Agriculture	11,161.74
390035	AID - India - Agriculture	12,644.32
390041	AID - Africa - Agriculture	454.59
390044	AID - Administrative Science - Hurley (Prior Years)	(3,524.26)
390052	AID - Administrative Science - Hurley	1,038.14
390059	HUD - School of Architecture - Gerckens	27.12
390063	USDA - Veterinary Medicine	10,863.93
390069	WPCA - School of Natural Resources - Dambach	1,840.16
390070	NASA - Administrative Science - Hurley	904.11
390071	Wright-Patterson Graduate Center	10,221.04
390073	DOT - Industrial Engineering - Rockwell	4,548.39
390075	NEH - Classics - Cleary	899.18
390077	DOT - Center for Vocational and Technical Education - Miller	<u>6,874.70</u>
Total U. S. Government - Other		<u>\$ 64,581.67</u>

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

Miscellaneous

410003	State Department of Health - Medicine	\$ 1,169.81
410074	State Department of Education - Dowling	15,701.01
410079	State Department of Education - Jenkens	2,419.30
410096	State Department of Education - Lux	5,057.60
410097	State Department of Education - Dowling	1,034.00
410099	State Library Board - Sisson	401.07
531095	Ford Foundation - Nelson	780.00
531134	Sloan Foundation - Chemistry - Gassman	39.13
531163	P.A.S. Malaysia - Agriculture	2,890.16
531170	University of Alabama - Hurley	<u>4,352.27</u>

Total Miscellaneous \$ 33,844.35

Grand Total \$793,036.57

B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1970-71, the following transfers were made from current funds to plant funds:

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Residence Halls - North	801037	998295	\$ 53,976.00
Ohio Union - South Wing	801039	149993	(344.58)
Sisson Hall Repairs	801061	149993	(119.60)
Curl Drive	801062	921300	(1,490.80)
Student Health Center	801066	149999	(1,370.15)
Service Center - Print Shop	801074	149999	(30,863.66)
Graduate Swimming Pool	801080	998295	200,000.00
Undergraduate Library	801095	149999	(111,000.00)
University College - Bldg. No. 3	801145	126036	(188,000.00)
Van de Graaff Laboratory	801148	149999	(163.71)
Power Plant - Boiler No. 3	801149	149999	(11,205.52)
Marion Library	801151	149999	(.22)
Main Library Elevator	801152	149999	(2,360.64)
Agricultural Administration Bldg.	801153	149999	(1,274.19)
Power Plant Elevator	801155	149999	(2,278.16)
Derby Hall - Computer Facility	801158	126033	8,804.00
Horticulture Greenhouse Utilities	801159	149999	(929.85)
Plastic Greenhouses	801160	522459	(230.64)

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Physical Education Building - Remodeling	801161	149997	\$ 16,000.00
Garage and Laundry Remodeling	801163	149999	(3.29)
Brown Hall Remodeling	801165	149997	35,520.00
Lord Hall Remodeling	801166	149993	484.52
Denney Hall Remodeling	801167	149999	(377.78)
Haskett Hall Remodeling	801168	149999	(3,724.98)
Mendenhall Remodeling	801169	149999	(9,777.00)
Welding Engineering Building Remodeling	801170	149999	(7,950.00)
Systems Engineering Building Remodeling	801172	149999	(692.65)
School of Allied Medical Professions Building	801173	149993	(37,500.00)
River Union and Drama Facility	801176	149998	404,000.00
McPherson Laboratory Remodeling	801177	149999	(12,637.62)
Power Plant - Boiler No. 9	801178	149999	(15,716.20)
Administration Building - Remodeling	801180	149999	(2,282.39)
Cockins Hall Remodeling	801181	149997	44,899.00
Neil-17th Building Remodeling	801182	149993	(108.00)
Goss Laboratory Remodeling	801183	125908	98,190.00
Main Library Remodeling	801187	149999	(200.00)
Hamilton Hall Remodeling	801189	149999	(200.00)
Hospital Air Conditioning - Phase III	801190	960200	449.80
Administration Building - Remodeling	801191	149993	(8,000.00)
Veterinary Clinic and Animal Hospital	801192	122999	8,000.00
		129290	29,000.00
		149997	32,338.00
		522404	5,000.00
		531041	36,878.00
Means Hall Remodeling	801193	960200	(56.00)
Lima Entranceway	801194	149994	(3,504.06)
Pedestrian Bridge	801197	921300	(473.23)
Hospital Air Conditioning - South Corridor	801198	960200	3,252.46
Starling Loving Remodeling	801199	960200	10,724.71
South Dormitories - Telephone Ducts	801201	124358	(4,586.45)
Newark Parking Lot	801204	149994	(7,979.48)
Caldwell Laboratory Remodeling	801206	131400	1,346.21

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Civil and Aeronautical Engineering Building Remodeling	801209	149999	\$ (2,330.00)
Sisson Hall Remodeling	801212	129290	74,047.00
		149996	46,638.00
Hospital Chilled Water System	801228	960200	1,056,514.00
Optometry Building Addition	801230	156400	100,000.00
		212982	374.00
		213654	859.00
		216846	2,316.00
		525260	21,451.00
Derby Hall Remodeling	801231	129050	(2,000.00)
		149997	21,468.00
Alumni House Remodeling	801232	149997	38,718.00
Student Services Building Remodeling	801233	149997	37,751.00
Lord Hall Remodeling	801234	129050	(1,500.00)
		149997	28,753.00
Page Hall Remodeling	801235	130700	5,960.00
		149997	22,500.00
Main Library Air Conditioning	801236	134400	5,000.00
		149996	20,000.00
Arps Hall Remodeling	801237	149997	744.00
		152400	700.00
Security Improvements	801238	124358	23,975.70
		129430	7,500.00
WOSU-TV Expansion	801239	134400	20,000.00
		149997	180,000.00
Lima Parking Improvement	801242	921353	40,498.00
Brown Hall Remodeling	801243	149996	27,000.00
Optometry Building Air Conditioning	801244	156400	30,261.00
		330026	50,000.00
Systems Engineering Building Remodeling	801245	149996	22,564.00
Lima Multi-Use Recreation Court	801246	149994	<u>26,000.00</u>
Total			<u>\$2,427,223.55</u>

July 2, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Pomerene Hall Women's Swimming Pool - Remodeling of Roof and Ceiling and Lighting Improvements

This project consists of removing the skylight; installing a roof with insulation, new ceiling, improved lights and new ventilating fan in Women's Swimming Pool area.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Ohio Stadium - Artificial Turf 1971

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Artificial Turf Contract</u>		
(2 bids received 6-9-71)		
Monsanto Company (St. Louis, Mo.)		
Base bid	\$ 220,365.00	\$ 274,000.00
Alt. T-2 Practice field turf with one-year warranty	135,179.00	239,400.00
Total Contract	<u>\$ 355,544.00</u>	<u>\$ 513,400.00</u>
 <u>Base Contract</u>		
(2 bids received 6-9-71)		
Farley Paving (Columbus)		
Base bid	\$ 95,000.00	\$ 97,000.00
Alt. G-1 Practice field base with five-year warranty	83,000.00	117,000.00
Total Contract	<u>\$ 178,000.00</u>	<u>\$ 214,000.00</u>
 <u>Total Contracts</u>	 <u>\$ 533,544.00</u>	 <u>\$ 727,400.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Ohio Stadium - Artificial Turf 1971 (continued)

It is anticipated that because of conditions discovered at the time of excavation it will be necessary to add extra stone in the base to correct sponginess in the subsoil. Unit prices were established in the contract to cover this contingency.

Funds for this project have been provided from Gifts, Interest on Gifts, and Athletic Reserves.

B. Sisson Hall - Remodeling for Offices and Laboratories

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 6-11-71)		
Ed Ross Construction Co. (Westerville, Ohio)	\$ 26,375.00	\$ 30,949.00
<u>Electrical Contract</u>		
(6 bids received 5-28-71)		
Reco Electric, Inc. (Columbus)	7,560.00	11,500.00
<u>Plumbing Contract</u>		
(2 bids received 5-28-71)		
Farber Corporation (Columbus)	9,200.00	10,620.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(4 bids received 5-28-71)		
Farber Corporation (Columbus)	<u>23,800.00</u>	<u>26,200.00</u>
<u>Total Contracts</u>	<u>\$ 66,935.00</u>	<u>\$ 79,269.00</u>

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

C. Animal Science Livestock Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Sawmill Road Complex</u>		
<u>General Contract</u>		
(4 bids received 6-11-71)		
Trapp Construction Co. (Columbus)		
Base bid	\$ 516,800.00	\$ 531,200.00
Alt. BC-1 Delete range shelters	- 17,500.00	- 9,000.00
Total Contract	\$ 499,300.00	\$ 522,200.00

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

Sawmill Road Complex (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (7 bids received 6-11-71)		
Limbach Company (Columbus)	\$ 159,500.00*	\$ 146,200.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (8 bids received 6-11-71)		
Duckworth Plumbing Co. (Columbus)	68,000.00*	56,300.00
<u>Electrical Contract</u> (8 bids received 6-11-71)		
S & S Electric Co. (Columbus)	93,660.00	110,400.00
<u>Sanitary and Storm Sewer Contract</u> (3 bids received 6-11-71)		
Smith & Bruce Co. (Columbus)	26,000.00	36,300.00
<u>Site Improvement Contract</u> (2 bids received 6-11-71)		
George J. Igel Co. (Columbus)	<u>69,610.00*</u>	<u>56,000.00</u>
<u>Total Sawmill Road Complex</u>	<u>\$ 916,070.00</u>	<u>\$ 927,400.00</u>

Case Road Complex

<u>General Contract</u> (4 bids received 6-14-71)		
Umbaugh Pole Buildings Co. (Delaware, Ohio)	\$ 247,752.00	\$ 281,500.00
<u>Plumbing Contract</u> (3 bids received 6-14-71)		
The Gesling Co. (Lancaster, Ohio)	57,700.00*	48,600.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (6 bids received 6-14-71)		
Duckworth Plumbing Co. (Columbus)	41,800.00	61,500.00
<u>Electrical Contract</u> (7 bids received 6-14-71)		
Reco Electric Co. (Columbus)	53,300.00	83,800.00

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

Case Road Complex (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Sanitary and Storm Sewer Contract</u> (2 bids received 6-14-71)		
George J. Igel Co. (Columbus)	\$ 33,300.00*	\$ 22,400.00
<u>Site Improvement Contract</u> (2 bids received 6-14-71)		
Farley Paving, Inc. (Columbus)	<u>28,000.00*</u>	<u>19,000.00</u>
<u>Total Case Road Complex</u>	<u>\$ 461,852.00</u>	<u>\$ 516,800.00</u>
<u>Waterman Farm Complex</u>		
<u>General Contract</u> (5 bids received 6-16-71)		
Central Ohio Construction Co. (Columbus)	\$ 239,169.00	\$ 274,450.00
<u>Plumbing Contract</u> (4 bids received 6-16-71)		
Duckworth Plumbing Co. (Columbus)	46,000.00*	44,950.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (6 bids received 6-16-71)		
Duckworth Plumbing Co. (Columbus)	46,000.00*	34,900.00
<u>Electrical Contract</u> (6 bids received 6-16-71)		
Pence Electric Co. (Columbus)	47,498.00	64,450.00
<u>Sanitary and Storm Sewer Contract</u> (2 bids received 6-16-71)		
Utilicon Co. (Hilliard, Ohio)	37,698.00*	12,350.00
<u>Site Improvement Contract</u> (2 bids received 6-16-71)		
George J. Igel Co. (Columbus)	<u>17,200.00*</u>	<u>11,000.00</u>
<u>Total Waterman Farm Complex</u>	<u>\$ 433,565.00</u>	<u>\$ 442,100.00</u>
<u>Total Contracts for All Complexes</u>	<u>\$1,811,487.00</u>	<u>\$1,886,300.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

\*All bids on the Plumbing, Heating, Ventilating and Air Conditioning, and Site Improvement Contracts for the Sawmill Road Complex; the Plumbing, Sanitary and Storm Sewer, and Site Improvement Contracts for the Case Road Complex; and the Plumbing, Heating, Ventilating and Air Conditioning, Sanitary and Storm Sewer, and Site Improvement Contracts for the Waterman Farm Complex were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidder is recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 235-010 (Board of Regents Architectural Planning) and Item 315-068 (College of Agriculture), H. B. 531.

D. Cockins Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 6-10-71)		
Waller & Lund, Inc. (Columbus)		
Base bid	\$ 168,680.00	\$ 167,900.00
Alt. G-2 Additional work for HVAC equipment to be added later	3,340.00	6,500.00
Total Contract	<u>\$ 172,020.00</u>	<u>\$ 174,400.00</u>
<u>Plumbing Contract</u>		
(5 bids received 6-10-71)		
R. H. Reeb Plumbing and Piping Co. (Columbus)		
Base bid	\$ 19,270.00*	\$ 10,000.00
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 6-10-71)		
Julian Speer Company (Columbus)		
Base bid	\$ 8,200.00	\$ 8,300.00
Alt. HVAC-3 Air Condition Room 004	1,750.00	1,000.00
Total Contract	<u>9,950.00*</u>	<u>9,300.00</u>
<u>Electrical Contract</u>		
(7 bids received 6-10-71)		
Mid-City Electric Co. (Columbus)		
Base bid	\$ 114,193.00	\$ 135,800.00
Alt. E-3 Air condition Room 004	269.00	1,000.00
Total Contract	<u>\$ 114,462.00</u>	<u>\$ 136,200.00</u>
<u>Total Contracts</u>	<u>\$ 315,702.00</u>	<u>\$ 329,900.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Cockins Hall Remodeling (continued)

\*All bids on the Plumbing and Heating, Ventilating and Air Conditioning Contracts were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidder is recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801181 (Cockins Hall).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

\*

\*

\*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

- 35 Approves the transfer of \$4,166,611 from Item 315-016 "Medical Complex Phase III," H. B. 531, to Item 315-076 "Ambulatory Patient Teaching Facility," H. B. 531, and releases this amount for expenditure.
- 36 Approves the award of contracts for the General and Laboratory Equipment work on the project "Agricultural Technical Institute, Wooster" notwithstanding the fact that the low bids were over the estimate of cost and the release of \$2,880,000 from Item 366-001 so that these contracts may be awarded.
- 37 Approves the release of \$289,800 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Renovation and Air Conditioning University School."
- 38 Approves the release of \$443.68 from Item 315-064 "Journalism Building Expansion," H. B. 531, to provide for consulting engineer's fees on this project.

\*

\*

\*

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Clinical Medical Sciences Education Facility -  
Employment of Associate Architect

On June 4, 1971, the Board of Trustees approved the employment of Page Southerland Page as the principal architects on this project.

July 2, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Clinical Medical Sciences Education Facility -  
Employment of Associate Architect (continued)

President Fawcett recommended that the architectural firm of Dan A. Carmichael, Columbus, Ohio, be employed as Associate Architect to Page Southerland Page to supplement local representation of that firm.

The fee for this service will be part of the overall architectural fee being negotiated by the Department of Public Works with Page Southerland Page.

Funds for this project have been provided from Item 315-016 Medical Complex, H. B. 531, a Public Health Service Grant, and local Hospital funding.

Upon motion of Mr. Dorsey, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edison L. Bowers, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics; Frank A. Hartman, Professor Emeritus in the Department of Physiology; and Harvey Walker, Professor Emeritus in the Department of Political Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edison L. Bowers

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 11, 1971, of Edison L. Bowers, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics.

Professor Bowers was born in Massillon, Ohio, on May 24, 1898. He received the A. B. degree from Heidelberg College in 1922. Coming to The Ohio State University for graduate work, he received the M. A. degree in 1923, and the Ph. D. degree in 1928. Simultaneously, he was advancing as a faculty member at the University from Teaching Assistant in 1923 to Professor in 1941. In 1941, he was also appointed as Chairman of the Department of Economics, a position he held until 1963. In 1950, he was awarded the L. H. D. degree by Heidelberg College.

From Professor Bowers' first association with the Department of Economics of the University, he was influenced in his choice of professional field by Mathew B. Hammond, the first Chairman of the Department in the College of Commerce and Journalism, as it was then named. Dr. Hammond was recognized as an authority in the fields of labor relations and social insurance,

July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Edison L. Bowers (continued)

both in Ohio and nationally. Edison Bowers followed in this path, and promptly achieved state and national recognition in these fields in his own right. He was a member of the Ohio Advisory Council on Unemployment Compensation from its founding in 1937 until March 1971. Throughout his active career, he was continuously involved in such educational and public service organizations as the National War Labor Board (World War II), Ohio Disability Insurance Commission, American Institute for Property and Liability Underwriters, The S. S. Huebner Foundation for Insurance Education, and the American College of Life Underwriters. In addition, he was a member of several honorary, academic fraternities and national learned societies.

Upon such an extensive participation in the extracurricular counterparts of his academic interests, Professor Bowers also built a full career in University teaching and administration. In addition to the Chairmanship of the Department of Economics, he was called upon for extensive service on University wide councils and committees too numerous to mention. Yet, he continued classroom teaching in the various branches of insurance, at both undergraduate and graduate levels as his own schedule permitted. Thus, he never became separated from the students of the Department. In addition to all of these activities, he was joint author for two different texts for use in his chosen fields.

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.

B. Frank A. Hartman

The Board of Trustees expresses its sorrow at the death on March 21, 1971, of Frank A. Hartman, Professor Emeritus in the Department of Physiology.

Dr. Hartman was born in Gibbon, Nebraska, on December 4, 1883. He attended the University of Kansas where his outstanding scholastic abilities led to his election to Phi Beta Kappa. Following graduation in 1905, he taught high school biology and coached the track team for one year in Illinois. He then returned to Kansas as a part-time student and school teacher and received his M. A. degree from the University of Kansas in 1909. He then moved to the northwest and taught in the Seattle school system while working toward his Ph. D. degree in Chemistry. This was received in 1914 from the University of Washington.

Dr. Hartman was appointed the Austin Teaching Fellow in Physiology at Harvard University and the following year moved to the University of Toronto. At that institution he was successively Lecturer, Assistant and then Associate Professor of Physiology. He was appointed Professor of Physiology and Chairman of the Department of Physiology at the University of Buffalo in 1919 and came to Ohio State in 1934 as Professor and Chairman of the Department of Physiology. He had, by that time, a considerable reputation as an

July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Frank A. Hartman (continued)

authority on the function of the adrenal gland and was the first to prepare a physiologically active extract of that gland. His work provided much of the basis for our present knowledge of the adrenal steroids. He became a Research Professor in 1947 and attained Emeritus status in 1954. He continued an active research program up to the time of his death.

Dr. Hartman was the author or co-author of 174 scientific papers. In 1949, with Dr. Katharine Brownell, he wrote the first definitive textbook on the adrenal gland. Dr. Hartman received many honors during his long and active career. Among them were The Chancellor's Medal of the University of Buffalo, The Gold Medal of the American Medical Association, and The Schoellkoff Medal of the American Chemical Society. He was a member of many professional and scientific societies and in 1935 served as President of the Endocrine Society, then known as the Association for Study of Internal Secretions.

Dr. Hartman was a scientist's scientist, a dedicated investigator, and an outstanding individual. He served as a model and inspiration for many students, colleagues, and friends.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and 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 of Dr. Hartman as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Harvey Walker

The Board of Trustees expresses its sorrow at the death on May 22, 1971, of Harvey Walker, Professor Emeritus in the Department of Political Science.

Professor Walker was born on February 24, 1900, in Des Moines, Iowa. He received his A. B. degree from the University of Kansas, his M. A. and Ph. D. degrees from the University of Minnesota, and his LL. B. degree from The Ohio State University.

Dr. Walker joined the faculty of The Ohio State University in 1928 and rose to the rank of Professor in 1935. He served that post with distinction until his retirement in 1967, at which time he was named Professor Emeritus.

During his long career, Professor Walker became known throughout the world as a teacher, scholar, and government consultant. He served as Visiting Professor at the American University, the University of Idaho, and (immediately after retirement at Ohio State) at the University of Kansas.

His government and civic appointments were numerous and significant. He was Superintendent of the Budget for the State of Ohio from 1929-1931, and Secretary of the Ohio Municipal League during those same years. In 1951-1952 he served as United Nations Professor, Brazilian School of Public

July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Harvey Walker (continued)

Administration, Rio de Janeiro. He was Consultant to charter and constitutional revision committees in Kansas, Minnesota, Ohio, and West Virginia, and to governmental units abroad. And at the time of his death, was Associate Director of an important task force of the Adult Parole Authority of the Ohio Division of Corrections.

During the Second World War, Professor Walker saw service with the U. S. Army fiscal department and rose to the rank of Lieutenant Colonel. Following his return to University life, he attended The Ohio State University College of Law and was subsequently admitted to the Ohio State and American Bar Associations and to the practice of law before Ohio Courts and the U. S. Supreme Court.

Throughout his career, Professor Walker set as his high task the bringing of scholarly knowledge and wisdom to the practical affairs of government. He was a dedicated teacher, and many of his former students occupy positions of importance in governments throughout the world. His list of publications is long, and the international recognition which he achieved is represented in his having been awarded the Commander's Cross of the Order of Merit of West German Republic and the Commander's Cross of the Order of the Southern Cross of Brazil. He was a scholar, active to the last, who will be missed.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding of 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 of Harvey Walker as a humble expression of the Board's heartfelt sympathy in its bereavement.

\*

\*

\*

XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Resolution Ratifying and Confirming Approval of Trust Agreement and First Supplemental Trust Agreement Pertaining to the University's General Receipts Bonds

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. William Safford, presented the following resolution:

WHEREAS, by resolutions duly adopted by this Board of Trustees on May 7, 1971, the University authorized the issuance from time to time of General Receipts Bonds and as a first thereof \$4,500,000 General Receipts Bonds, Series 1971, which resolutions authorized the execution and delivery of forms of Trust Agreement (see page 49) and First Supplemental Trust Agreement (see page 83) pertaining to such Bonds; and

July 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Resolution Ratifying and Confirming Approval of Trust Agreement and First Supplemental Trust Agreement Pertaining to the University's General Receipts Bonds (continued)

WHEREAS, the forms of such Trust Agreement and First Supplemental Trust Agreement have been finalized and have been submitted to this Board in such form for approval;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University that:

Section 1. The Trust Agreement which has been submitted to this meeting by and between the University and The Huntington National Bank of Columbus, Trustee, dated as of June 1, 1971, referred to in the General Bond Resolution adopted by this Board on May 7, 1971, is hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 16 of the General Bond Resolution are hereby ratified and confirmed.

Section 2. The First Supplemental Trust Agreement which has been submitted to this meeting by and between the University and The Huntington National Bank of Columbus, Trustee, dated as of June 1, 1971, referred to in the Series 1971 Resolution adopted by this Board on May 7, 1971, is hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 9 of the Series 1971 Resolution are hereby ratified and confirmed.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

2. Resolution - Amendment to an Action of Board of Trustees Taken May 7, 1971

Mr. Safford, Chairman of the Finance and Investment Committee, presented the following resolution:

BE IT RESOLVED by the Board of Trustees of The Ohio State University that the Trust Agreement and First Supplemental Trust Agreement, both of which have been submitted to this meeting, by and between the University and The Huntington National Bank of Columbus, Trustee, both dated as of June 1, 1971, referred to, respectively, in the General Bond Resolution and the Series 1971 Resolution both adopted by this Board on May 7, 1971, are hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 16 of the General Bond Resolution and in Section 9 of the Series 1971 Resolution are hereby ratified and confirmed; that the award of the \$4,500,000 General Receipts Bonds, Series 1971 pursuant to the Certificate of Award submitted to this

July 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

2. Resolution - Amendment to an Action of Board of Trustees Taken May 7, 1971 (continued)

meeting, is hereby approved and confirmed; and that Section 5(b) of the Series 1971 Resolution, adopted by this Board on May 7, 1971, be amended by deleting the second sentence of such section.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated July 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\* \* \*

Mr. Shocknessy concluded the meeting with the following statement:

We will have an effective Black Studies division. We are committed to that--we committed ourselves to that last year when we appointed the first Chairman. It is hoped that the President will come to this Board with a recommendation for a successor to the Chairmanship of this division promptly. I should like to note that before this meeting the members of this Board were served with summons and a petition in an action filed on behalf of Mr. Charles Ross. I told Mr. Johnson, who has apparently left the room, that I might have something to say with respect to his request that we release all the information that we have relating to our decision on Mr. Ross. I said that, however, before we heard Mr. Cummins. It would seem to me that Mr. Cummins had access to a great deal of information which was also available to Mr. Johnson and others. But with the case now pending in the United States District Court, there is not a great deal we will be able to say in addition to what has already been said. Since filing and service have been accomplished, the case will undoubtedly come before the District Court and the whole matter will be portrayed there. Meanwhile, it is my personal belief that an adequate amount of information not only has been provided to us but has also been put into the public domain.

\* \* \*

Thereupon the Board adjourned to meet Thursday, September 2, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

Page 48 Blank

**TRUST AGREEMENT**

**between**

**THE OHIO STATE UNIVERSITY**

**and**

**THE HUNTINGTON NATIONAL BANK OF COLUMBUS,**

**Trustee**

**Dated**

**as of**

**June 1, 1971**

-----

**Securing**

**THE OHIO STATE UNIVERSITY**

**GENERAL RECEIPTS BONDS**

Page 50 Blank

## TRUST AGREEMENT

THIS TRUST AGREEMENT (hereinafter called the "Agreement") dated as of the first day of June, 1971, by and between The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, and The Huntington National Bank of Columbus, a bank organized and existing under and by virtue of the laws of the United States of America and duly authorized to exercise corporate trust powers in the State of Ohio, with its principal place of business located in Columbus, Ohio (hereinafter, with any successors, called the "Trustee"), as Trustee.

### W I T N E S S E T H:

WHEREAS, by the Constitution and laws of the State of Ohio, and particularly Sections 3345.11 and 3345.12 of the Ohio Revised Code, and pursuant to the General Bond Resolution referred to below and constituting a part hereof, the University is authorized and empowered to, among other things, enter into this Agreement and to do or cause to be done all the acts and things herein provided or required to be done, and to issue the General Receipts Bonds of the University as hereinafter provided for; and

WHEREAS, the University has determined to sell an initial issue of General Receipts Bonds of the University and to enter into this Agreement to secure said initial issue of Bonds and additional Bonds issuable hereunder as set forth and declared in this Agreement; and

WHEREAS, the said General Bond Resolution is incorporated herein, constitutes an integral part of this Agreement, and provides, in its entirety, as follows:

(See May 7, 1971 Minutes, pages 474-493)

WHEREAS, all acts, conditions and things required to happen, exist and be performed precedent to and in the execution and delivery of this Agreement have happened, exist and been performed in order to make the Bonds, when authorized and issued in accordance with this Agreement, valid obligations of the University in accordance with the terms thereof and hereof, and in order to make this Agreement a valid, binding and legal trust agreement for the security of the Bonds in accordance with its terms; and

WHEREAS, the Trustee has accepted the trusts created by this Agreement, and in evidence thereof has joined in the execution hereof;

NOW THEREFORE, THIS TRUST AGREEMENT WITNESSETH, that in order to secure the payment of the Bond service charges on the Bonds according to their true intent and meaning, and to secure the performance and observance of all the covenants, agreement and conditions therein and herein contained and to declare the terms and conditions upon and subject to which the Bonds are and are intended to be issued, authenticated, delivered, accepted, held, secured, and

enforced, the University, in consideration of the premises and the acceptance by the Trustee of the trusts hereby created and for other good and valuable considerations, the receipt of which is hereby acknowledged, has executed and delivered this Trust Agreement and has pledged, and by these presents does hereby pledge, the General Receipts of the University, the General Receipts Bond Pledge Fund and the General Receipts Bond Service Fund unto The Huntington National Bank of Columbus, Columbus, Ohio, as Trustee, and to its successors in said trust and to it and its assigns, and does hereby covenant and agree to apply the General Receipts and Bond Pledge Fund to the extent and in the manner in this Agreement provided.

Bonds or of maturity, or otherwise, to the extent provided in and except as otherwise permitted by this Agreement, it being intended that the security of this Agreement shall take effect from the date hereof without regard to the date of actual issue, sale or disposition of the Bonds as though upon such date all the Bonds were actually issued, sold and delivered to purchasers for value; provided, however, that if all Bond service charges on the Bonds and coupons are paid or caused to be paid in accordance with Sections 9.01 and 9.02 of this Agreement, and the University shall well and truly keep, perform and observe all the covenants and conditions pursuant to the terms of this Agreement to be kept, performed and observed by it, and shall pay or cause to be paid to the Trustee and Paying Agents all sums of money due or to become due to them in accordance with the terms and provisions hereof, then this Agreement and the rights hereby granted shall cease, determine and be void; otherwise this Agreement shall bbe and remain in full force and effect.

And it is expressly declared that all Bonds issued and secured hereunder are to be issued, authenticated and delivered and all General Receipts and the Bond Pledge Fund are to be dealt with, disposed of, and applied, under, upon and subject to the terms, conditions, stipulations, covenants, agreements, trusts, uses and purposes provided in this Agreement and the University has agreed and covenanted, and does hereby further agree and covenant, with the Trustee and with the respective holders from time to time of the Bonds or coupons, or any part thereof, as follows:

#### ARTICLE I DEFINITIONS

Section 1.01. **Definitions.** In addition to the words and terms elsewhere defined in this Agreement, including in the General Bond Resolution, and unless the context otherwise indicates, the terms "hereof", "herein", "hereby", "hereto", "hereunder", and similar terms, mean and refer to this Agreement; the term "office of" the Trustee, Paying Agent or Bond Registrar means the principal corporate trust office thereof; the term "Authorized Officer" means any officer or employee of the University or the Board authorized by or pursuant to law or action of the Board to perform the act or sign the document in question, and if there is no such authorization means the Chairman or Secretary of the Board, or the President or the Fiscal Officer of the University; and the term "Bond Registrar" means the keeper of the registrations books for the registration of the Bonds or a series of Bonds, as the case may be, which in each case shall be the Trustee except as may otherwise be provided pursuant to the Trust Agreement.

ARTICLE II  
FORM, AUTHENTICATION, REGISTRATION  
AND EXCHANGE OF BONDS

Section 2.01. **Form of Bonds.** The Bonds and coupons shall be substantially in the forms set forth in the respective Supplemental Trust Agreements entered into in connection therewith, all consistent with this Agreement.

Section 2.02. **Authentication and Delivery of Bonds.** Neither any Bond nor any coupon appertaining thereto shall be valid or become obligatory for any purpose or shall be entitled to any security or benefit under this Agreement unless and until an authentication certificate, substantially in the form set forth below, shall have been duly endorsed upon such Bond. Such certificate of the Trustee may be executed by any person duly authorized by the Trustee, but it shall not be necessary that the same person sign the authentication certificate on all of the Bonds. Said authentication certificate shall be substantially in the following form:

“This Bond is one of the Bonds issued under the provisions of the  
within mentioned Agreement and the Supplemental Trust  
Agreement thereto.”

The Trustee shall not authenticate or deliver any coupon Bonds unless all coupons annexed thereto and then matured shall have been detached and cancelled, except as may be permitted under Section 2.04 and Section 2.05 hereof.

Before the first issue of Bonds, and before any additional Bonds, are authenticated and delivered by the Trustee, there shall have been filed with the Trustee the following:

1. A copy, duly certified by an Authorized Officer, of a Series Resolution authorizing the issuance and delivery of the Bonds to be authenticated and delivered, adopted in conformity with Section 3 of the General Bond Resolution.

2. An original executed counterpart of the Supplemental Trust Agreement entered into connection with the issuance of such Bonds.

3. A request and authorization to the Trustee on behalf of the University, signed by an Authorized Officer, to authenticate and deliver the Bonds to, or on the order of, the Original Purchaser thereof who is therein identified, upon payment of a sum specified in such request and authorization.

4. A certificate of the Authorized Officers as provided for in the last paragraph of Section 13 of the General Bond Resolution.

5. The written opinion of counsel for the University, or other counsel satisfactory to the Trustee, to the effect that documents submitted to the Trustee in connection with the application then being made comply with the requirements of the Trust Agreement, and that in his opinion all conditions precedent to the issuance of such Bonds as provided in the Trust Agreement have been complied with; and a written opinion of bond counsel to the University, who may also be the counsel referred to above in this paragraph 5, that the Bonds the authentication of which is then

applied for, when duly executed and authenticated and delivered by the Trustee, will be valid and legal obligations of the University in accordance with their terms and will be secured by this Agreement with all Bonds at the time outstanding hereunder.

When the foregoing documents have been filed with the Trustee and the Bonds have been executed and authenticated, the Trustee shall deliver such Bonds to or on the order of the Original Purchaser thereof identified in the request and authorization referred to in numbered paragraph 3 of this Section, but only upon payment of the specified sum set forth in said request and authorization.

**Section 2.03. Fully Registered Bonds.** Fully registered Bonds shall be in the same denominations as authorized for coupon Bonds of the same series, and any multiple thereof. Unless otherwise provided in the applicable Series Resolution, each fully registered Bond shall be of a single maturity of the same series. Except as may be otherwise provided in the applicable Series Resolution, each fully registered Bond shall bear interest from its date and shall be dated as of the date of the coupon Bonds of the applicable series if authenticated prior to the first interest payment date for such series, and otherwise shall be dated as of the interest payment date next preceding the date of authentication, unless authenticated on an interest payment date in which case it shall be dated as of the date of its authentication; provided, however, that if at the time of authentication of any fully registered Bond interest thereon is in default, such Bond shall be dated as of the date to which interest has been paid.

**Section 2.04. Transfer, Exchange and Registration of Bonds.** Coupon Bonds, upon surrender thereof at the office of the Bond Registrar, with all unmatured coupons and all matured coupons in default, if any, appertaining thereto may, at the option of the holder thereof, be exchanged for an equal aggregate principal amount of fully registered Bonds of the same series and of any denomination or denominations authorized by the applicable Series Resolution, and bearing interest at the same rate and maturing on the same date or dates.

Fully registered Bonds, upon surrender thereof at the office of the Bond Registrar, together with an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar, may, at the option of the registered holder thereof, be exchanged for coupon Bonds of authorized denomination of the same series in the aggregate principal amount not exceeding the unmatured and unredeemed principal amount of such fully registered Bonds, bearing interest at the same rate and maturing on the same date or dates, with coupons attached representing all unpaid interest due or to become due thereon, or for fully registered Bonds of the same series of any denomination or denominations authorized by the applicable Series Resolution, in the aggregate principal amount not exceeding the unmatured and unredeemed principal amount of such fully registered Bonds, and bearing interest at the same rate and maturing on the same date or dates, or any combination of the foregoing.

Unless otherwise provided in the applicable Series Resolution the principal of and redemption premium, if any, on all registered Bonds (except coupon Bonds registered as to

principal to bearer) shall be payable at the office of the Trustee, and payment of the interest on fully registered Bonds shall be made on each interest payment date to the person appearing on the registration books hereinafter provided for as the registered holder thereof, by check or draft mailed by the Trustee to such registered holder at his address as it appears on such registration books.

Title to any coupon Bond, unless such Bond is registered as to principal (except to bearer), and to any coupon shall pass by delivery. Unless otherwise provided in the applicable Series Resolution, at the option of the holder any coupon Bond may be registered as to principal on registration books kept for that purpose at the office of the Bond Registrar, upon presentation thereof to the Bond Registrar which shall make notation of such registration thereon. Any such Bond registered as to principal (except to bearer) may thereafter be transferred only upon an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar, such transfer to be made on such books and endorsed on the Bond by the Bond Registrar. Such transfer may be to bearer and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before.

Any fully registered Bond may be transferred only upon the books for the registration and transfer of Bonds, upon surrender thereof at the office of the Bond Registrar together with an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar. Upon the transfer of any such fully registered Bond and on request of the Bond Registrar, the University shall execute in the name of the transferee a new fully registered Bond or Bonds of the same series, of any denomination or denominations permitted by the applicable Series Resolution, or coupon Bonds of the same series with coupons attached representing all unpaid interest due or to become due thereon, or a combination of the foregoing, in aggregate principal amount equal to the unmatured and unredeemed principal amount of such fully registered Bond, and bearing interest at the same rate and maturing on the same date or dates.

In all cases in which Bonds shall be exchanged or fully registered Bonds shall be transferred thereunder, the University shall execute and the Trustee shall authenticate and deliver Bonds in accordance with the provisions of this Agreement. Except as may otherwise be provided in an applicable Series Resolution as to the series of Bonds authorized by such resolution, the University, the Trustee and the Bond Registrar may make a charge for any such exchange or transfer of Bonds authorized by such Series Resolution sufficient to reimburse them for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer and sufficient to reimburse them for all other costs and expenses incurred in connection with such exchange or transfer, and any such charge shall be paid before any such new Bond shall be delivered. Neither the University, the Trustee nor the Bond Registrar shall be required to make any such exchange or transfer of any Bond during the ten days next preceding an interest payment date on the Bonds of the same series or next preceding any selection of Bonds of the same series to be redeemed, or after such Bond has been selected for redemption.

As to any coupon Bond registered as to principal or fully registered Bond, the person in whose name the same shall be registered shall be deemed and regarded as the absolute owner thereof for all purposes, and payment of or on account of the principal of and any premium on any such Bond and the interest on such fully registered Bond shall be made only to or upon the order of the registered holder thereof or his legal representative, and neither the University, Bond Registrar, Trustee nor any Paying Agent shall be affected by any notice to the contrary, but such registration may be changed as hereinabove provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bond, including the interest thereon, to the extent of the sum or sums so paid. The University, Bond Registrar, Trustee and any Paying Agent may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal or which shall be registered as to principal to bearer, and the bearer of any coupon appertaining to any coupon Bond whether such coupon Bond shall be registered as to principal or not, as the absolute owner of such Bond or coupon, as the case may be, whether such Bond or coupon shall be overdue or not, for the purpose of receiving payment thereof and for all other purposes whatsoever, and neither the University, Bond Registrar, Trustee nor any Paying Agent shall be affected by any notice to the contrary.

In case any fully registered Bond is redeemed in part only, on or after the redemption date and upon surrender of such Bond to the Trustee the University shall execute and the Trustee shall authenticate and deliver, without charge to the bondholder, a new Bond or Bonds in authorized denominations and in aggregate principal amount equal to the unredeemed portion of such Bond.

So long as any of the Bonds remain outstanding, the University will cause to be maintained and kept, at the Trustee as Bond Registrar, books for the aforesaid registration and transfer, except that as to any series of Bonds an additional or different Bond Registrar may be designated in the applicable Series Resolution.

**Section 2.05. Mutilated, Lost, Wrongfully Taken or Destroyed Bonds or Coupons.** In the event any Bond is mutilated, lost, wrongfully taken or destroyed, the University shall execute and the Trustee shall authenticate a new Bond of like date, maturity and denomination as that mutilated, lost, wrongfully taken or destroyed, which new Bond, if a coupon Bond, shall have attached thereto coupons corresponding in all respect to those (if any) on the Bond mutilated, lost, wrongfully taken or destroyed, provided that in the case of any mutilated Bond such mutilated Bond together with all coupons (if any) appertaining thereto shall first be surrendered to the Trustee, and in the case of any lost, wrongfully taken or destroyed Bond there shall be first furnished to the University and the Trustee evidence of such loss, wrongful taking or destruction satisfactory to the Authorized Officer of the University and to the Trustee, together with indemnity satisfactory to them. In the event any such lost, wrongfully taken or destroyed Bond (or any coupon or coupons appertaining thereto) shall have matured, instead of issuing a new Bond (or

coupon or coupons appertaining thereto representing coupon or coupons that has or have matured), the University, by its Authorized Officer, may direct the Trustee to pay the same without surrender thereof upon the furnishing of the evidence and satisfactory indemnity as in the case of issuance of a new Bond. The University and the Trustee may charge the holder of the applicable Bond with their reasonable fees and expenses in connection with their actions pursuant to this paragraph.

Every new Bond issued pursuant to this Section shall, with respect to such Bond and any coupons appertaining thereto, constitute an additional contractual obligation of the University, whether or not the lost, wrongfully taken or destroyed Bond or coupon appertaining thereto shall be found at any time, and shall be entitled to all the benefits of this Agreement equally and proportionately with any and all other Bonds of the same series, and coupons appertaining thereto, duly issued hereunder. Any new Bond issued pursuant to this Section, and any coupons appertaining thereto, may contain a statement to the effect that they are issued to replace a mutilated, lost, wrongfully taken or destroyed Bond and the coupons, if any, appertaining thereto.

All Bonds and coupons shall be held and owned on the express condition that the foregoing provisions of this Section are exclusive with respect to the replacement or payment of mutilated, lost, wrongfully taken or destroyed Bonds and coupons appertaining thereto and shall preclude any and all other rights or remedies, including payment or replacement of detached coupons separately lost, wrongfully taken or destroyed, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

The Trustee shall promptly advise in writing the Paying Agents of the applicable series of the issuance pursuant to this Section of new Bonds or coupons appertaining thereto and of the payment pursuant to this Section of any matured Bond or coupon.

**Section 2.06. Safekeeping and Cancellation of Bonds.** Any Bond or any coupon surrendered for the purpose of payment or retirement, or for exchange, or for replacement or payment pursuant to Section 2.05, shall be cancelled upon surrender thereof to the Trustee or Paying Agents, provided, however, that any coupon Bond surrendered for exchange may, at the option of the Trustee, instead of being cancelled as provided above, be held in safekeeping by the Trustee for re-issuance and may be reissued in an exchange pursuant to Section 2.04 hereof, and any such Bond and coupons appertaining thereto shall, if not so reissued, be cancelled by the Trustee immediately after maturity and certification of such cancellation shall be made to the University as provided in this Section. Any such Bonds and coupons cancelled by a Paying Agent other than the Trustee shall be promptly transmitted by such Paying Agent to the Trustee. Certification of such surrender and cancellation, and of any coupon Bonds held in safekeeping by the Trustee for re-issuance pursuant to this section, shall be made to the University by the Trustee at least twice each fiscal year. Cancelled Bonds and coupons shall promptly be cremated by the Trustee, and certificates of such cremation provided by the Trustee to the University.

ARTICLE III  
REDEMPTION OF BONDS

Section 3.01. **Privilege of Redemption.** The Bonds shall be subject to redemption prior to maturity to the extent, at such times and in the manner provided in the General Bond Resolution and in the applicable Series Resolution, all subject to this Agreement.

Section 3.02. **University's Election to Redeem.** The University, except in the case of redemption pursuant to any mandatory sinking fund requirements provided for in any Series Resolution, shall give written notice to the Trustee of its election to so redeem in accordance with the applicable Series Resolution or Resolutions, of the places where the amounts due upon such redemption are payable, of the redemption date, and of the principal amount of each maturity of each series of redeemable Bonds to be redeemed, which notice shall be given at least forty-five days prior to the redemption date or within such shorter period as shall be acceptable to the Trustee.

If less than all of the Bonds of a series of any one maturity shall be called for redemption, the particular Bonds to be redeemed in whole or in part shall, unless other provision for such selection be made in the applicable Series Resolution, be selected by lot by the Trustee in such manner as the Trustee in its discretion may determine.

Section 3.03. **Notice of Call for Redemption.** When the Trustee shall receive notice from the University of its election to redeem Bonds, or in order to carry out any mandatory sinking fund requirements of a Series Resolution, the Trustee shall give notice of call for redemption as provided for in Section 4 of the General Bond Resolution, and also shall mail a copy of such notice to all registered holders of Bonds to be redeemed in whole or in part at their addresses as they appear on the registration books provided for in Section 2.04 hereof and to holders of all other Bonds to be redeemed who have their names and addresses on the list of bondholders provided for in Section 6.10 hereof; provided that failure to mail such notice shall not affect in any respect the validity of the proceedings for such redemption.

Section 3.04. **Payment of Redeemed Bonds.** In the event notice of call for redemption shall have been given as in Section 3.03 hereof provided, the Trustee, if it holds the moneys to be applied to the payment of the redemption price and accrued interest, or otherwise the University, shall not less than one business day prior to the redemption date pay to the appropriate Paying Agents identified in such notice an amount in cash which, in addition to other moneys, if any, available therefor held by the Paying Agents, will be sufficient to redeem at the redemption price thereof plus interest accrued to the redemption date all of the Bonds (and portions of fully registered Bonds) which the University has so elected to redeem; provided that to the extent that the amount needed by a Paying Agent for such purpose is not sufficiently predictable, the Trustee may make such credit arrangements with such Paying Agent as to permit meeting such payments. The University shall promptly notify the Trustee in writing of any payments made by the University to a Paying Agent pursuant to this paragraph.

Notice having been given in the manner provided in Section 3.03 hereof, the Bonds (and portions of fully registered Bonds) so called for redemption shall become due and payable on the redemption date so designated at the redemption price, plus interest accrued to the redemption date, upon presentation and surrender thereof together with all appurtenant coupons maturing subsequent to the redemption date at the place or places specified in such notice, and such Bonds (and portions of fully registered Bonds) shall be paid at the redemption price plus interest accrued to the redemption date. All interest installments represented by coupons which shall have matured on or prior to the redemption date shall continue to be payable to the bearers of such coupons.

If, on the redemption date, moneys for the redemption of all such Bonds (and portions of fully registered Bonds) to be redeemed, together with interest to the redemption date, are held as provided in Section 4 of the General Bond Resolution, then from and after the redemption date such Bonds and portions of fully registered Bonds so called for redemption, and all appurtenant coupons maturing subsequent to the redemption date, shall no longer be considered as outstanding hereunder.

All moneys held by the Trustee or Paying Agents for the redemption of particular Bonds shall be held in trust for the account of the holders thereof and shall be paid to them respectively upon presentation and surrender of such Bonds.

#### ARTICLE IV

##### FURTHER PROVISIONS AS TO FUNDS AND PAYMENTS

**Section 4.01. Non-presentment of Bonds or Coupons; Unclaimed Moneys.** In the event any Bonds shall not be presented for payment when the principal thereof becomes due, either at maturity, at the date fixed for redemption thereof, or otherwise, or in the event any coupon shall not be presented for payment at the due date thereof, if moneys for the purpose of paying, and sufficient to pay, such Bond or coupon shall have been made available to the Paying Agents therefor, it shall be the duty of the Paying Agents to hold such moneys in trust, without liability to the University or the Trustee or the bondholder for interest thereon, for the benefit of the holder of such Bond or coupon, who shall, subject to the provisions of this section, thereafter be restricted exclusively to such moneys for any claim of whatever nature on his part under this Agreement or on, or with respect to, said Bond or coupon. Any moneys which shall be so held by the Paying Agents, and which remain unclaimed by the holder of the Bond or coupon not presented for payment, for a period of three years after the date on which such Bond or coupon shall have become payable as provided above shall upon request in writing by the University be paid to the University and thereafter the holder of such Bond or coupon shall look only to said University for payment and then only to the amounts, or to the extent of amounts, so received by it without any interest thereon, and the Paying Agents and Trustee shall have no further responsibility with respect to such moneys.

The moneys paid to the University pursuant to this Section 4.01 shall be credited by it to a special fund of the University, as a trust fund separate and apart from other funds of the

University, to be maintained in an account or accounts with a bank or banks that are members of the Federal Deposit Insurance Corporation, or invested in eligible investments. The University shall keep a record of the amounts with respect to each series of Bonds, and to Bonds and coupons of such series, so deposited in said special fund, and moneys in such fund shall be applied to payment of Bond service charges on the Bonds with respect to which such money is transferred to the University. Investment income from any investments of moneys in such special fund may be credited to the general funds of the University. Moneys in such special fund unclaimed for fifteen years after such moneys are paid to the University shall become the absolute property of the University free from trust.

**Section 4.02. Moneys to be Held in Trust.** All moneys required or permitted to be deposited with or paid to the Trustee or any Paying Agent under any provision of the Trust Agreement, and any investments thereof, shall be held by the Trustee or such Paying Agent in trust for the purposes intended and shall, while so held, be subject to the lien hereof.

Moneys and investments in the custody of the University in the Bond Pledge Fund and any other special fund or account created under or pursuant to this Agreement as a trust fund shall constitute trust funds for the purposes intended and shall while so held be subject to the lien hereof, and the University covenants that it may be held accountable as the trustee of an express trust for the application and disposition thereof solely to the respective uses and purposes in this Agreement provided.

The pledge and lien created by the Agreement shall be valid and binding from and after the time made against all parties having claims of any kind against the University.

**Section 4.03. Reports by Trustee to the University.** The Trustee shall, at least once a month, submit to the University a report of moneys and investments held by it pursuant to this Agreement, and of any transactions involving such moneys and investments, including any sales of investments and reinvestments thereof, and any transfers as between special funds and accounts. The Trustee shall immediately advise the University of any failure timely to receive payments to the Bond Service Fund pursuant to Section 7 of the General Bond Resolution, and of any transfer by the Trustee from the Bond Service Reserve Account to the Bond Service Account pursuant to the second paragraph of Section 9 of the General Bond Resolution.

## ARTICLE V

### ADDITIONAL COVENANTS OF THE UNIVERSITY

**Section 5.01. Extension of Payment of Bonds and Coupons.** The University shall not directly or indirectly extend or assent to the extension of the maturity of any of the Bonds or the time of payment of any of the coupons or claims for interest, by the purchase or funding of such Bonds, coupons or claims for interest or by any other arrangement and in case the maturity of any of the Bonds or the time for payment of any such coupons or claims for interest shall be extended, such Bonds, coupons or claims for interest shall not be entitled in case of any event of default under

this Agreement to the benefit of this Agreement or to any payment out of the funds (except funds held for the payment of particular Bonds, coupons or claims for interest pursuant to this Agreement) held by the Trustee or any Paying Agent except subject to the prior payment of the principal of all Bonds issued and outstanding the maturity of which has not been extended and of such portion of the accrued interest on the Bonds as shall not be represented by such extended coupons or claims for interest. Nothing herein shall be deemed to limit the right of the University to issue any duly authorized refunding Bonds and such issuance shall not be deemed to constitute an extension of maturity of Bonds.

**Section 5.02. Power to Issue Bonds and Make Pledges.** The University is duly authorized pursuant to law to create and issue the Bonds and coupons and enter into this Agreement and to pledge the General Receipts, the Bond Pledge Fund and the Bond Service Fund and other special funds and accounts purported to be pledged in the manner and to the extent provided in this Agreement. The Bonds and coupons are and will be the valid and legally enforceable obligations of the University and the provisions of this Agreement are and will be the valid and legally enforceable obligations of the University, all in accordance with their terms and the terms of this Agreement. The University shall at all times, to the extent permitted by law, defend, preserve and protect the pledge of the General Receipts, the Bond Pledge Fund and the Bond Service Fund and other special funds and account under this Agreement and all the rights of the bondholders under this Agreement against all claims and demands of all persons whomsoever.

**Section 5.03. Accounts and Reports.** The University shall keep or cause to be kept proper books of record and account in which complete and correct entries shall be made of its transactions relating to the Trust Agreement and special funds and accounts, which records shall be subject to inspection and audit in accordance with Section 15(f) of the General Bond Resolution.

## ARTICLE VI

### THE TRUSTEE AND PAYING AGENTS

**Section 6.01. Trustee's Acceptance and Responsibilities.** The Trustee hereby accepts the trust imposed upon it by this Agreement, and agrees to perform said trusts as an ordinarily prudent trustee under a trust agreement, but only upon and subject to the following express terms and conditions:

- (a) The Trustee may execute any of the trusts or powers hereof and perform any of its duties by or through attorneys, agents, receivers or employees but shall be answerable for the conduct of the same in accordance with the standard specified above, and shall be entitled to advice of counsel concerning all matters of trusts hereof and duties hereunder, and may in all cases pay such reasonable compensation to all such attorneys, agents, receivers and employees as may reasonably be employed in connection with the trusts hereof. The Trustee may act upon the opinion or advice of any attorney (who

may be the attorney or attorneys for the University), approved by the Trustee in the exercise of reasonable care. The Trustee shall not be responsible for any loss or damage resulting from any action or non-action in good faith in reliance upon such opinion or advice.

(b) Except for its certificate of authentication on the Bonds, the Trustee shall not be responsible for any recital herein or in the Bonds (which recital shall be deemed to be made solely by the University), or for the validity or priority of this agreement or for the validity of the execution by the University of this Agreement or of any Supplemental Trust Agreements or instruments of further assurance, or for the sufficiency of the security for the Bonds issued hereunder or intended to be secured hereby, and, except as provided in the Trust Agreement, the Trustee shall not be responsible for the deposit, application or expenditure of the proceeds of the Bonds, for the construction, maintenance or operation of the University Facilities financed in whole or in part from the proceeds of Bonds, or for the deposit of General Receipts into the Bond Pledge Fund, all of which shall be deemed covenants and responsibilities of the University, and the Trustee shall not be bound to ascertain or inquire as to the correctness of any information, statements, reports, or certificates furnished or to be furnished it by the University or as to the performance or observance of any covenants, conditions or agreements on the part of the University under the Trust Agreement, but the Trustee may require of the University full information and advice as to the performance of the covenants, conditions and agreements aforesaid.

(c) The Trustee shall be protected in acting upon any notice, request, consent, certificate, report, order, budget, affidavit, letter, telegram, or other paper or document believed to be genuine and correct and to have been signed or sent by the proper person or persons, provided, however, that in the case of any such item which by any provision of the Trust Agreement is required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not it conforms to the requirements of this Agreement. Any action taken by the Trustee pursuant to the Trust Agreement upon the request or authority or consent of any person who at the time of making such request or giving such authority or consent is the holder of any Bond, shall be conclusive and binding upon all future holders of the same Bond and upon Bonds issued in exchange therefor or in place thereof.

(d) As to the existence or non-existence of any fact or as to the sufficiency or validity of any instrument, report, paper or proceedings, the Trustee shall be entitled to rely upon a certificate signed on behalf of the

University or the Board by an Authorized Officer thereof, or on behalf of any governmental agency by the officer, or an assistant thereto, having charge of the appropriate records, as sufficient evidence of the facts therein contained: and prior to the occurrence of an event of default of which the Trustee has notice the Trustee shall also be at liberty to accept a similar certificate to the effect that any particular dealing, transaction or action is necessary or expedient, but may at its discretion obtain such further evidence deemed necessary or advisable, but shall in no case be bound to secure the same. The Trustee may accept a certificate of the officer, or an assistant thereto, having charge of the appropriate records to the effect that legislation in the form therein set forth has been enacted by the University, the Board or any governmental agency as conclusive evidence that such legislation has been duly adopted and is in full force and effect.

(e) The permissive right of the Trustee to do things enumerated in this Agreement shall not be construed as a duty and the Trustee, subject to the above provisions of this Article, shall not be answerable for other than its negligence, bad faith or willful default.

(f) Except as may be expressly required by law or the Trust Agreement, the Trustee shall not be required to give any bond or surety in respect of the execution of the said trusts and powers or otherwise in respect of the premises.

(g) Notwithstanding anything elsewhere in this Agreement contained, the Trustee shall have the right, but shall not be required, to demand, in respect of the authentication of any Bonds, or any action whatsoever within the purview of the Trust Agreement, any showings, certificates, reports, opinions, or other information, or corporate action or evidence thereof, in addition to that by the terms hereof required as a condition of such action by the Trustee, deemed by it desirable for the purpose of establishing the right of the University to the authentication of any Bonds, or the taking of any other action by the Trustee.

(h) Before taking action under Section 6.03 of Article VII hereof, the Trustee may require that a satisfactory indemnity bond be furnished for the reimbursement of all expenses to which it may be put and to protect it against all liability, except liability which is adjudicated to have resulted from its negligence, bad faith or willful default by reason of any action so taken. The Trustee may, however, take such action without such indemnity, and in such case the University shall reimburse the Trustee for all such expense to which it may be put, from General Receipts available therefor.

(i) Unless otherwise provided in the Trust Agreement, all moneys received by the Trustee under the Trust Agreement shall, until used or applied as therein provided, be held in trust for the purpose for which they were received but need not be segregated from other funds except to the extent required by the Trust Agreement or by law. The Trustee shall not be under any liability for interest on any moneys received by it under the Trust Agreement except such as may be provided in the Trust Agreement or otherwise agreed upon with the University, and except to the extent that such interest, if any, is paid on similar deposits.

Section 6.02. **Fees, Charges and Expenses of Trustee and Paying Agents.** Subject to any contract with the University, the Trustee shall be entitled to payment and/or reimbursement for reasonable fees for its services as Trustee rendered hereunder and also all its reasonable expenses, charges and other disbursements and those of its attorneys, agents and employees incurred in and about the administration and execution of the trusts hereby created and the performance of its powers and duties hereunder as Trustee. The Trustee and any Paying Agent shall be entitled to payment and reimbursement for the reasonable fees and charges as, respectively, Paying Agent and Bond Registrar, and Paying Agent, for the Bonds and coupons as hereinabove provided. Payment or reimbursement under this Section shall be from General Receipts available therefor.

Section 6.03. **Intervention by Trustee.** In any judicial proceeding to which the University or any governmental agency is a party and which in the opinion of the Trustee and its attorney has a substantial bearing on the interests of holders of the Bonds, the Trustee may intervene on behalf of bondholders and shall do so if requested in writing by the holders of at least twenty-five percent of the aggregate principal amount of Bonds then outstanding. The rights and obligations of the Trustee under this Section are subject to the approval of such intervention by a court of competent jurisdiction.

Section 6.04. **Successor Trustee.** Any corporation into which the Trustee may be converted or merged, or with which it or any successor to it may be consolidated, or to which it may sell or transfer its assets and trust business as a whole or substantially as a whole, or any corporation resulting from any such conversion, sale, merge, consolidation or transfer to which it is a party, *ipso facto*, shall be and become successor Trustee hereunder and vested with all the trusts, powers, duties, discretions, immunities, privileges and all other matters as was its predecessor, without the execution or filing of any instrument or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding; provided, however, that any such successor Trustee shall be a corporate trustee which may be a trust company or a bank having the powers of a trust company within or without the State of Ohio but authorized to exercise trust powers within Ohio.

**Section 6.05. Resignation of the Trustee.** The Trustee may at any time resign from the trusts hereby created by giving written notice to the University and to the Original Purchasers of each series of Bonds not less than sixty days before such resignation is to take effect, and by publishing such notice at least once, in the same manner as provided for in Section 4 of the General Bond Resolution for publication of notice of call for redemption, not less than forty-five days before such resignation is to take effect, but such resignation shall take effect immediately upon the appointment pursuant to Section 6.07 hereof of a successor Trustee if such successor Trustee shall be appointed before the time stated in such notice and shall then accept the trusts hereof.

**Section 6.06. Removal of the Trustee.** The Trustee may be removed at any time by an instrument or concurrent instrument in writing delivered to the Trustee and to the University and signed by or on behalf of the holders of not less than a majority in aggregate principal amount of Bonds then outstanding.

**Section 6.07. Appointment of Successor Trustee.** In case the Trustee shall resign or be removed, or be dissolved, or otherwise become incapable of acting hereunder, or in case it shall be taken under the control of any public officer or officers, or of a receiver appointed by a court, a successor shall be appointed by the University; provided that following ten days after the notice of resignation or instrument of removal is delivered as provided in Sections 6.05 and 6.06, respectively, or the Trustee is dissolved, taken under control or otherwise incapable of action as above provided, then the holders of a majority in aggregate principal amount of Bonds then outstanding, by an instrument or concurrent instruments in writing signed by or on behalf of such holders, may designate a successor Trustee unless prior to the filing of such instrument so signed with the University a successor Trustee shall have been appointed by the University. Every such successor Trustee appointed pursuant to the provisions of this Section shall have the same qualifications as provided for a successor Trustee in Section 6.04 hereof and, in addition, shall have a reported capital and surplus of not less than \$10,000,000 and shall be willing to accept the trusteeship under the terms and conditions of the Trust Agreement.

**Section 6.08. Concerning any Successor Trustee.** Every successor Trustee appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University, with a copy to the Original Purchasers of each series of the Bonds, an instrument in writing accepting such appointment hereunder, and thereupon such successor without any further act shall become fully vested with all the rights, powers, trusts, duties and obligations of its predecessor; but such predecessor shall, nevertheless, on the written request of its successor or of the University, execute and deliver an instrument transferring to such successor Trustee all the rights, powers and trusts of such predecessor hereunder. Should any instrument in writing from the University be required by any successor Trustee for more fully and certainly vesting in such successor the rights, powers and duties hereby vested or intended to be vested in the predecessor any and all such instruments in writing shall, on request, be executed, acknowledged, and delivered by the University.

**Section 6.09. Trustee Protected in Relying Upon Resolutions, etc.** The resolutions, opinions, reports, certificates and other instruments provided for in the Trust Agreement may be accepted by the Trustee as conclusive evidence of the facts and conclusions stated therein and shall be full warrant, protection and authority to the Trustee for its actions taken hereunder.

**Section 6.10. Trustee as Paying Agent and Bond Registrar; Bondholder List.** The Trustee is hereby designated and agrees to act as Bond Registrar for and in respect to the Bonds to the extent provided in the Trust Agreement, and as Paying Agent for any series of Bonds for which it is designated Paying Agent pursuant to the Trust Agreement or the applicable Series Resolution.

To the extent that such information shall be made known to the Trustee or the University under the terms of this paragraph, the University will keep on file at the Trustee's office a list of names and addresses of the last known holders of all Bonds payable to bearer and believed to be held by each of such last known holders. Any bondholder may request that his name and address be placed on said list by filing a written request with the Trustee or the University, which request shall include a statement of the principal amount, series designation and the identifying numbers of such Bonds. The University and the Trustee shall be under no responsibility with regard to the accuracy of said list. At reasonable times and under reasonable regulations established by the Trustee, said list may be inspected and copied by the University or by holders (or a designated representative thereof) of twenty-five percent or more in principal amount of Bonds then outstanding.

**Section 6.11. Successor Trustee as Custodian of Funds, Bond Registrar and Paying Agent.** In the event of a change in the office of Trustee, the predecessor Trustee which has resigned or been removed shall cease to be custodian of any funds it may hold pursuant to this Agreement, and cease, to the extent that it was such, to be Bond Registrar and Paying Agent for any of the Bonds and the successor Trustee shall become such custodian, Bond Registrar and Paying Agent.

**Section 6.12. Adoption of Authentication.** In case any of the Bonds contemplated to be issued hereunder shall have been authenticated but not delivered, any successor Trustee may adopt the certificate of authentication of the predecessor and deliver the said Bonds so authenticated as hereinabove provided; and in case any of such Bonds shall not have been authenticated, any successor Trustee may authenticate such Bonds either in the name of any predecessor or in its own name. In all such cases such certificate of authentication shall have the same force and effect as provided in the Bonds or in this Agreement with respect to the certificate of authentication of the Trustee.

**Section 6.13. Designation, Resignation, Removal and Succession of Paying Agents.** The Trustee and the other banks or trust companies, if any, designated as Paying Agent or Paying Agents in a Series Resolution shall be the Paying Agents for the applicable series of Bonds, and in the absence of such designation in a Series Resolution the Trustee shall be the sole Paying Agent for

Bonds authorized by such Series Resolution. A copy of the Agreement and of the Supplemental Trust Agreement relating to the applicable series of Bonds shall be filed with each Paying Agent therefor, and the terms and provisions of such agreements shall, to the extent they refer to powers, duties and responsibilities of Paying Agents, be deemed to be part of the paying agency Agreement.

Any bank or trust company with or into which any Paying Agent, except the Trustee, may be merged or consolidated, or to which the assets and business of such Paying Agent may be sold, shall be deemed the successor of such Paying Agent for the purposes of this Agreement.

Any Paying Agent, except the Trustee, may resign, and be discharged of its duties and obligations created by the Agreement by giving at least 120 days notice to the University, the Trustee, and the Original Purchasers of each series of Bonds for which it is the Paying Agent. Any Paying Agent may be removed at any time by an instrument, signed on behalf of the University and approved by the Trustee, filed with such Paying Agent, the Trustee, and the Original Purchasers of the Bonds for which such Paying Agent is the Paying Agent, or by an instrument in writing signed by the owners of at least a majority in principal amount of the outstanding Bonds for which such Paying Agent is the Paying Agent and filed with the University, the Trustee, and the Original Purchasers of each such series of Bonds.

If the position of Paying Agent shall become vacant for any reason, the University shall, within thirty days thereafter, appoint a bank or trust company located in the same city as such Paying Agent to fill such vacancy; provided, however, that if the University shall fail to appoint such Paying Agent within said period, the Trustee shall make such appointment. Notice of the appointment of such Paying Agent shall be given by the Trustee to the Original Purchasers of the series of Bonds affected thereby and to the holders of coupon Bonds of such series as their names appear on the list of bondholders provided for in Section 6.10 hereof.

The Paying Agents shall enjoy the same protection provisions in the performance of their duties hereunder as are specified in Section 6.01 with respect to the Trustee, insofar as such provisions may be applicable.

Section 6.14. **Trustee and Paying Agents May Deal in Bonds.** The Trustee and Paying Agents, and any of their directors, officers, employees, or agents, may in good faith become the owner of Bonds and coupons secured hereby with the same rights which it or they would have hereunder if the Trustee or Paying Agent were not such.

## ARTICLE VII

### DEFAULT PROVISIONS AND REMEDIES OF TRUSTEE AND BONDHOLDERS

Section 7.01. **Events of Default.** The following events shall be events of default under this Agreement:

- (a) Failure to pay interest on any Bond, when and as the same shall have become due and payable, and such failure shall have continued for a period of thirty days;

(b) Failure to pay the principal (and redemption premium, if any) of any Bond, when and as the same shall have become due and payable, whether at maturity or by acceleration by call for redemption, and such failure shall have continued for a period of thirty days;

(c) Failure to perform or observe duly or punctually any other covenant, condition or agreement contained in the Bonds or the Trust Agreement and to be performed by the University, which failure shall have continued for a period of ninety days after the notice described below.

The notice referred to in this Section 7.01 is written notice specifying the default and requiring same to be remedied, given to the University by the Trustee, which may give such notice in its discretion and shall give such notice at the written request of the holders of not less than ten per centum of the Bonds then outstanding.

**Section 7.02. Acceleration.** In case an event of default shall have occurred and at any time during the continuance of such event of default, the Trustee may, and upon the written request of the holders of at least twenty-five per centum in principal amount of the Bonds then outstanding shall, by notice in writing to the University, declare the principal of all the Bonds then outstanding (if not then due and payable) and the interest accrued thereon to be due and payable immediately, and, upon such declaration, such principal and interest shall become and be immediately due and payable.

The provisions of the above paragraph are subject, however, to the condition that if at any time after such principal and interest shall have been so declared due and payable and prior to the entry of judgment in a court of law or equity for enforcement hereunder or the appointment of a receiver hereunder, all sums payable under the Trust Agreement except the principal of, and interest accrued after the next preceding interest payment date on, the Bonds which have not reached their stated maturity dates and which are due and payable solely by reason of such declaration, plus interest (to the extent permitted by law) on any overdue installments of interest at the rate borne by the Bonds in respect of which such event of default shall have occurred, shall have been duly paid or provided for by deposit with the Trustee or Paying Agents and all existing defaults shall have been made good, then and in every such case such payment or provisions for payment shall *ipso facto* constitute a waiver of such event of default and its consequences and an automatic rescission and annulment of such declaration under the above paragraph, but no such waiver and rescission shall extend to or affect any such subsequent event of default or impair any rights consequent thereon.

**Section 7.03. Enforcement of Rights Under Agreement.** Upon the happening and continuance of any event of default specified in Section 7.01 of this Agreement, then and in every such case the Trustee may proceed, and upon the written request of the holders of not less than ten per centum in principal amount of the Bonds then outstanding hereunder shall proceed, subject to the provisions of Section 6.01 of this Agreement, to protect and enforce its rights and the rights of

the bondholders under this Agreement by such suits, actions or special proceedings in equity or at law, either for the specific performance of any covenant or agreement contained herein or in aid or execution of any power herein granted or for the enforcement of any proper legal or equitable remedy, as the Trustee, being advised by counsel, shall deem most effective to protect and enforce such rights.

In the enforcement of any remedy under this Agreement the Trustee shall be entitled to sue for, enforce payment of and receive any and all amounts then or during any default becoming due, and at any time remaining unpaid, on account of principal, interest or otherwise under any of the provisions of this Agreement or of the Bonds, with interest on overdue payments at the rate or rates of interest specified in such Bonds, together with any and all costs and expenses of collection and of all proceedings hereunder and under such Bonds, without prejudice to any other right or remedy of the Trustee or of the bondholders, and to recover and enforce judgment or decree against the University, but solely as provided herein and in such Bonds, for any portion of such amounts remaining unpaid, with interest, costs and expenses, and to collect (but solely from the General Receipts and the special funds and accounts from which the Bonds are payable) in any manner provided by law, the moneys adjudged or decreed to be payable.

In the event of the occurrence of an event of default as defined in subparagraphs (a) or (b) of Section 7.01 hereof, the Trustee may apply to a court having jurisdiction of the cause to appoint a receiver, who may be the Trustee, to receive and administer the General Receipts and the Bond Pledge Fund, with full power to pay and to provide for payment of Bond service charges, and with such powers, subject to the discretion of the court, as are accorded receivers in general equity cases, excluding any power to pledge additional revenues or receipts or other income or moneys of the University to the payment of such Bond service charges, and excluding the power to take possession of, mortgage or cause the sale or otherwise dispose of any University Facilities or other capital facilities of the University.

The holders of not less than two-thirds in principal amount of the Bonds then outstanding hereunder shall have the right at any time, by an instrument in writing executed and delivered to the Trustee, to direct the method and place of conducting any and all remedial proceedings under this Agreement; provided that such direction shall not be otherwise than in accordance with the provisions of law or of this Agreement, and provided that the Trustee shall be indemnified to its satisfaction; and the Trustee shall be fully protected in acting upon and in accordance with any instrument or instruments in writing as executed by the holders of not less than two-thirds in principal amount of the Bonds at the time outstanding.

No remedy by the terms of this Agreement conferred upon or reserved to the Trustee (or to the holders of the Bonds or coupons) is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to any other remedy given to the Trustee or to the holders of the Bonds hereunder or now or hereafter existing.

No delay or omission to exercise any right or power accruing upon any default or event of default shall impair any such right or power or shall be construed to be a waiver of any such default or event of default or acquiescence therein; and every such right and power may be exercised from time to time and as often as may be deemed expedient.

**Section 7.04. Effect of Abandonment of Any Proceeding or Recovery of Judgment.** In case any proceeding taken by the Trustee on account of any event of default shall have been discontinued or abandoned for any reason, then and in every such case the University, the Trustee and the bondholders shall be restored to their former positions and rights hereunder, respectively, and all rights, remedies, powers and duties of the Trustee shall continue as though no such proceeding had been taken.

No recovery of any judgment by the Trustee, and no levy of any execution under any judgment hereunder, shall affect in any manner or to any extent the rights and duties provided for in this Agreement or any part thereof, or any rights, powers or remedies of the Trustee hereunder, or any rights, powers or remedies of the holders of the Bonds, but such rights, powers and remedies of the Trustee and of the holders of the Bonds shall continue unimpaired as before.

**Section 7.05. Remedial Action in Name of Trustee Without Ownership of Bonds.** All rights of action under this Agreement and under any of the Bonds and coupons may be enforced by the Trustee without possession of any of the Bonds or coupons and without production thereof at any trial or other proceedings relative thereto. Any such suit or proceeding instituted by the Trustee shall be brought in its name as Trustee, and any recovery of judgment shall be for the benefit of the holders of the Bonds outstanding hereunder and the coupons thereto appertaining, subject, however, to the provisions of this Agreement, including Section 5.01 hereof.

**Section 7.06. Waivers of Events of Default.** At any time the Trustee may in its discretion waive any event of default hereunder and its consequences, and rescind any declaration of maturity of principal, and shall do so upon the written request of the holders of (1) at least a majority in aggregate principal amount of all the Bonds then outstanding in respect of which an event of default in the payment of Bond service charges exists, or (2) at least twenty-five percent in aggregate principal amount of all Bonds then outstanding in case of any other event of default. There shall not be so waived, however, any event of default described in subparagraphs (a) or (b) of Section 7.01 hereof, or any such declaration in connection therewith rescinded, unless at the time of such waiver or rescission payments of the amounts as provided in Section 7.02 hereof for waiver and automatic rescission in connection with acceleration of maturity have been made or provided for. In case of any such waiver or rescission, or in case any proceedings taken by the Trustee on account of any such event of default shall have been discontinued or abandoned or determined adversely, then and in every such case the University, the Trustee, and the bondholders shall be restored to their positions and rights hereunder respectively, but no such waiver or rescission shall extend to any subsequent or other event of default, or impair any right consequent thereon.

**Section 7.07. Remedial Action by Bondholders.** No holder of any Bond or coupon shall have any right to institute any suit, action or proceeding for the enforcement of this Trust Agreement or for the execution of any trust thereof or for the appointment of a receiver or any other remedy hereunder unless (a) an event of default has occurred, (b) such holder shall previously have given to the Trustee written notice of such event of default, (c) the holders of at least twenty-five percent in aggregate principal amount of Bonds then outstanding shall have made written request to the Trustee and shall have afforded the Trustee reasonable opportunity to proceed to exercise the powers hereinbefore granted or to institute such action, suit or proceeding in its own name and have also offered to the Trustee indemnity as provided in Section 6.01 hereof, and (d) the Trustee shall thereafter fail or refuse to exercise the powers hereinbefore granted, or to institute such action, suit or proceeding in its own name; and such notification, request and offer of indemnity are hereby declared in every case to be, at the option of the Trustee, conditions precedent to the execution of the powers and trusts of the Trust Agreement, and to any action or cause of action for the enforcement of the Trust Agreement, or for the appointment of a receiver or for any other remedy hereunder; it being understood and intended that no one or more holders of the Bonds or coupons shall have any right in any manner whatsoever to affect, disturb or prejudice the benefit of the Trust Agreement by its, his, or their action or to enforce any right hereunder except in the manner herein provided and that proceedings shall be instituted, had and maintained in the manner herein provided and for the benefit of the holders of all Bonds then outstanding. Subject to the foregoing, each bondholder shall have a right of action to enforce the payment of the principal of and interest on any Bond held or owned by him at and after the maturity thereof at the place, from the sources and in the manner in said Bond expressed.

**Section 7.08. Application of Moneys.** All moneys received by the Trustee or a receiver pursuant to any right given or action taken under the provisions of this Article shall, subject to any provisions made pursuant to Sections 10 or 11 of the General Bond Resolution or to Sections 3.04 or 4.01 hereof, after payment of the cost and expenses, liabilities and advances incurred or made by the Trustee or receiver, be applied as follows:

(a) Unless the principal of all the Bonds shall have become or have been declared due and payable pursuant to this Article, all such moneys shall be applied:

First: To the payment to the persons entitled thereto of all installments of interest then due on the Bonds, in the order of the maturity of the installments of such interest and beginning with the earliest such maturity, and, if the amount available shall not be sufficient to pay in full any particular installment, then to the payment thereof ratably, according to the amounts due on such installment, to the persons entitled thereto,

without any discrimination or privilege except as to any difference in the respective rates of interest specified in the Bonds; and

Second: To the payment to the persons entitled thereto of the unpaid principal of any of the Bonds which shall have become due (other than Bonds previously called for redemption for the payment of which moneys are held pursuant to the provisions of this Agreement), whether at maturity or by call for redemption, in order of their due dates and beginning with the earliest such due date, with interest on such Bonds from the respective dates upon which they became due and if the amount available shall not be sufficient to pay in full all Bonds due on any particular date, together with such interest, then to the payment thereof ratably, according to the amount of principal due on such date, to the persons entitled thereto without any discrimination or privilege.

(b) If the principal of all the Bonds shall have become due or shall have been declared due and payable pursuant to this Article, all such moneys shall be applied to the payment of the principal and interest then due and unpaid upon the Bonds, without preference or priority of principal over interest or of interest over principal, or of any installment of interest over any other installment of interest, or of any Bond over any other Bond, ratably, according to the amounts due respectively for principal and interest, to the persons entitled thereto without any discrimination or privilege except as to any difference in the respective rates of interest specified in the Bonds.

(c) If the principal of all the Bonds shall have been declared due and payable pursuant to this Article, and if such declaration shall thereafter have been rescinded and annulled under the provisions of Sections 7.02 or 7.06 hereof, then, subject to the provisions of subsection (b) of this Section in the event that the principal of all the Bonds shall later become due and payable, the moneys shall be applied in accordance with the provisions of subsection (a) of this Section.

Whenever moneys are to be applied pursuant to the provisions of this Section, such moneys shall be applied as provided in this Section at such times, and from time to time, as the Trustee shall determine, having due regard to the amount of such moneys available for application and the likelihood of additional moneys becoming available for such application in the future. Whenever the Trustee shall direct the application of such funds, it shall fix the date (which shall be

an interest payment date unless it shall deem another date more suitable) upon which such application is to be made and upon such date interest on the amounts of principal to be paid on such dates, and for which moneys are available, shall cease to accrue. The Trustee shall give such notice as it may deem appropriate of the deposit of any such moneys and of fixing of any such date, and the Trustee shall not be required to direct payment to the holder of any unpaid coupon or any Bond until such coupon or such Bond and all unmatured coupons, if any, appertaining to such Bond shall be presented to the Trustee for appropriate endorsement or for cancellation if fully paid.

The above subsections (a), (b) and (c) of this Section and the next preceding paragraph thereof, shall apply to the application of General Receipts received by any receiver appointed and acting pursuant to Section 7.03 hereof.

The provisions of this Section are in all respects subject to the provisions of Section 5.01 hereof.

Whenever all Bonds and interest thereon have been paid under the provisions of this Section, and all expenses and charges of the Trustee and Paying Agents and all other expenses payable under the Trust Agreement have been paid, any balance remaining in the Bond Service Fund or other special funds or accounts shall be paid to the University.

#### ARTICLE VIII

##### SUPPLEMENTAL TRUST AGREEMENTS

###### Section 8.01. Supplemental Trust Agreements Not Requiring Consent of Bondholders.

The University and the Trustee may without the consent of, or notice to, any of the bondholders enter into agreements supplemental to the Trust Agreement as shall not, in the opinion of the University and the Trustee, be inconsistent with the terms and provisions hereof for any one or more of the following purposes: (i) to cure any ambiguity, inconsistency or formal defect or omission in the Trust Agreement; (ii) to grant to or confer upon the Trustee for the benefit of the bondholders any additional rights, remedies, powers, or authority that may lawfully be granted to or conferred upon the bondholders or the Trustee; (iii) to subject additional revenues or receipts to the lien and pledge of the Trust Agreement; (iv) to add to the covenants and agreements of the University contained in the Trust Agreement other covenants and agreements thereafter to be observed for the protection of the bondholders, or to surrender or limit any right, power or authority reserved to or conferred upon the University in the Trust Agreement, including the limitation of rights of redemption so that in certain instances Bonds of different series will be redeemed in some prescribed relation to one another; (v) to evidence any succession to the University and the assumption by such successor of the covenants and agreements of the University contained in the Trust Agreement and the Bonds; and (vi) in connection with the issuance of Bonds in accordance with Section 3 of the General Bond Resolution and Section 2.02 of the Agreement.

###### Section 8.02. Supplemental Trust Agreements Requiring Consent of Bondholders.

Exclusive of Supplemental Trust Agreements referred to in Section 8.01 hereof and subject to the terms and provisions and limitations contained in this Section, and not otherwise, the holders of not

less than two-thirds in aggregate principal amount of the Bonds then outstanding shall have the right, from time to time, anything contained in the Trust Agreement to the contrary notwithstanding, to consent to and approve the execution by the University and the Trustee of such other agreement or agreements supplemental to the Trust Agreement as shall be deemed necessary and desirable by the University for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms or provisions contained in the Trust Agreement; provided, however, that nothing in this Section or elsewhere in the Trust Agreement shall permit, or be construed as permitting (i) an extension of the maturity of the principal of or the interest on any Bond, or a reduction in the principal amount of any Bond or the rate of interest or redemption premium thereon, or a reduction in the amount or extension of the time of any payment required by any mandatory sinking fund requirements, without the consent of the holder of each Bond so affected, or (ii) a reduction in the aggregate principal amount of the Bonds required for consent to such Supplemental Trust Agreement without the consent of the holders of all of the Bonds then outstanding.

Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of consent or other action or any calculation of outstanding Bonds provided for in this Section, and the University shall not be entitled with respect to such Bonds to give any consent or take any other action provided for in this Section. At the time of any consent or other action taken under this Section, the University shall furnish the Trustee a certificate of an Authorized Officer of the University, upon which the Trustee may rely, describing all Bonds so to be excluded.

If at any time the University shall request the Trustee to enter into any such Supplemental Trust Agreement for any of the purposes of this Section, the Trustee shall, upon being satisfactorily indemnified with respect to expenses, cause notice of the proposed execution of such Supplemental Trust Agreement to be published as shall be requested by the University and in any event at least one time in a newspaper or financial journal of national circulation published in the City and State of New York. If, because of temporary or permanent suspension of publication or circulation of newspapers or financial journals of national circulation published in the City and State of New York, or for any other reason it is impossible or impractical to publish such notice in the manner herein provided, then such publication in lieu thereof as shall be made with the approval of the Trustee shall constitute a sufficient publication of notice. On or before the date of the first publication of such notice, the Trustee shall also cause a similar notice to be mailed, postage prepaid, to the Original Purchasers of each series of Bonds, to all registered holders of Bonds then outstanding at their addresses as they appear on the registration books herein provided for, and to all other bondholders whose names and addresses appear on the list of bondholders provided for in Section 6.10 hereof. The Trustee shall not, however, be subject to any liability to any bondholder by reason of its failure to mail, or the failure of such bondholder to receive, the notice required by

**this Section, and any such failure shall not affect the validity of such Supplemental Trust Agreement when consented to and approved as provided in this Section. Such notice shall briefly set forth the nature of the proposed Supplemental Trust Agreement and shall state that copies thereof are on file at the office of the Trustee for inspection by all bondholders.**

**If within such period, not exceeding one year, as shall be prescribed by the University, following the first publication of such notice, the Trustee shall receive an instrument or instruments purporting to be executed by the holders of not less than two-thirds in aggregate principal amount of the Bonds then outstanding which instrument or instruments shall refer to the proposed Supplemental Trust Agreement described in such notice and shall specifically consent to and approve the execution thereof in substantially the form of the copy thereof referred to in such notice as on file with the Trustee, thereupon, but not otherwise, the Trustee shall execute such Supplemental Trust Agreement in substantially such form, without liability or responsibility to any holder of any Bond, whether or not such holder shall have consented thereto.**

**Any such consent shall be binding upon the holder of the Bond giving such consent and, anything in Section 10.01 to the contrary notwithstanding, upon any subsequent holder of such Bond and of any Bond issued in exchange thereof (whether or not such subsequent holder thereof has notice thereof), unless such consent is revoked in writing by the holder of such Bond giving such consent or by a subsequent holder thereof by filing with the Trustee, prior to the execution by the Trustee of such Supplemental Trust Agreement, such revocation and, if such Bond or Bonds are transferable by delivery, proof that such Bonds are held by the signer of such revocation in the manner permitted by Section 10.01. At any time after the holders of the required percentage of Bonds shall have filed their consents to the Supplemental Trust Agreement, the Trustee shall make and file with the University a written statement that the holders of such required percentage of Bonds have filed such consents. Such written statement shall be conclusive that such consents have been so filed.**

**If the holders of the required percentage in aggregate principal amount of the Bonds outstanding shall have consented to and approved the execution thereof as herein provided, no holder of any Bond shall have any right to object to the execution of such Supplemental Trust Agreement, or to object to any of the terms and provisions contained therein or the operation thereof, or in any manner to question the propriety of the execution thereof, or to enjoin or restrain the Trustee or the University from executing the same or from taking any action pursuant to the provisions thereof.**

**Section 8.03. Authorization to Trustee; Effect of Supplement.** The Trustee is authorized to join with the University in the execution of any such Supplemental Trust Agreement provided for in this Article and to make the further agreements and stipulations which may be contained therein. Any Supplemental Trust Agreement executed in accordance with the provisions of this Article shall thereafter form a part of the Trust Agreement; all the terms and conditions

contained in any such Supplemental Trust Agreement as to any provision authorized to be contained therein shall be and shall be deemed to be part of the terms and conditions of the Trust Agreement for any and all purposes; this Agreement shall be and be deemed to be modified and amended in accordance therewith; and the respective rights, duties and obligations under this Agreement of the University, the Trustee, Paying Agents and all holders of Bonds then outstanding shall thereafter be determined, exercised and enforced thereunder, subject in all respects to such modifications and amendments. Express reference to such executed Supplemental Trust Agreement may be made in the text of any Bonds issued thereafter, if deemed necessary or desirable by the Trustee or the University. A copy of any Supplemental Trust Agreement provided for in this Article, except such as may be entered into pursuant to clause (vi) of Section 8.01 hereof, shall be mailed by the Trustee to the Original Purchasers of each and every series of Bonds affected thereby.

**Section 8.04. Opinion of Counsel.** The Trustee shall be entitled to receive, and shall be fully protected in relying upon, the opinion of any counsel approved by it, who may be counsel for the University, as conclusive evidence that any such proposed Supplemental Trust Agreement complies with the provisions of this Agreement, and that it is proper for the Trustee, under the provisions of this Article, to join in the execution of such Supplemental Trust Agreement.

**Section 8.05. Modification by Unanimous Consent.** Notwithstanding anything contained elsewhere in this agreement, the rights and obligations of the University and of the holders of the Bonds and coupons, and the terms and provisions of the Bonds and coupons and this Agreement or any Supplemental Trust Agreement, may be modified or altered in any respect with the consent of the University and the consent of the holders of all of the Bonds then outstanding.

#### ARTICLE IX DEFEASANCE

**Section 9.01. Release of Agreement.** If the University shall pay or cause to be paid, or there shall otherwise be paid, to the holders of the outstanding Bonds and coupons all Bond service charges due or to become due thereon, and provision shall also be made for paying all other sums payable hereunder by the University, then and in that event the Trust Agreement shall cease, determine and become null and void, and the covenants, agreements and other obligations of the University hereunder shall be discharged and satisfied, and thereupon the Trustee shall execute and deliver to the University such instruments to evidence such release and discharge as may be reasonably required by the University, and the Trustee and Paying Agents shall assign and deliver to the University any funds at the time subject to the lien of the Trust Agreement which may then be in their possession except for such funds as are held by the Trustee and Paying Agents for the payment of Bond service charges on the Bonds, which funds shall be held and applied by the Trustee and the Paying Agents for the purposes as provided in this Agreement and which shall be transferred to the University at the times and with the effect as provided in Section 4.01 hereof.

**Section 9.02. Payment of Bond Service Charges.** All Bond service charges due or to become due on outstanding Bonds and coupons shall be deemed to have been paid or caused to be paid within the meaning of Section 9.01 hereof if:

(a) the Trustee and Paying Agents shall hold, in trust for and irrevocably committed thereto, sufficient moneys, or

(b) the Trustee shall hold, in trust for and irrevocably committed thereto, in the Bond Service Account, the Bond Service Reserve Account, the Bond Redemption and Purchase Account, or other accounts in the Bond Service Fund, direct obligations of the United States certified by an independent public accounting firm of national reputation to be of such maturities and interest payment dates and to bear such interest as will, without further investment or reinvestment of either the principal amount thereof or the interest earnings therefrom (likewise to be held in trust and committed, except as hereinafter provided), be sufficient together with moneys referred to in (a) above,

for the payment, at their maturity or redemption date, of all Bond service charges thereon to the date of maturity or redemption, as the case may be, or if default in such payment shall have occurred on such date then to the date of the tender of such payment; provided, that if any Bonds are to be redeemed prior to the maturity thereof, notice of such redemption shall have been duly given or irrevocable provision satisfactory to the Trustee shall have been duly made for the giving of such notice. Any moneys held by the Trustee in accordance with the provisions of this paragraph shall be invested only in direct obligations of the United States the maturities or redemption dates of which, at the option of the holder, shall coincide as nearly as practicable with, but not later than, the time or times at which said moneys will be required for the aforesaid purposes. Any income or interest earned by, or increment to, the investments held under this paragraph shall, to the extent not required for the purposes of this Section, be transferred to the University free of any trust or lien.

In the event that the Trust Agreement is satisfied and discharged in accordance with this Section and Section 9.01 hereof, all Bonds then outstanding and appurtenant coupons shall cease to be entitled to any lien, benefit or security of this Agreement except the right to receive the funds held by the Trustee and the Paying Agents pursuant to this Section or by the University pursuant to Section 4.01 hereof, and such Bonds and coupons shall be deemed not to be outstanding hereunder, and it shall be the duty of the Trustee and Paying Agents and the University to so hold such funds for the benefit of the holders of such Bonds and coupons.

Whenever moneys held to the credit of the Bond Service Fund shall be sufficient for the satisfaction and discharge of the Agreement in accordance with this Article, the Trustee shall, upon request of the University, but subject to any limitations on the use of such funds pursuant to Section 11 of the General Bond Resolution or any other provision of this Agreement, endeavor to purchase for retirement and cancellation Bonds or portions of Bonds, whether or not such Bonds shall then be subject to redemption, on the most advantageous terms obtainable with reasonable diligence, having regard to interest rate and price, such price not to exceed the principal amount

thereof and the interest accrued thereon to the date of payment therefor plus the amount of the redemption premium, if any, held with respect to such Bonds or portions of Bonds. No such purchase shall be made by the Trustee within the period of seventy days next preceding any interest payment date.

ARTICLE X  
MISCELLANEOUS

Section 10.01. **Instruments of Bondholders.** Any consent, request, direction, approval, objection or other instrument required by the Trust Agreement to be signed and executed by the bondholders may be in any number of concurrent writings of similar tenor and may be signed or executed by such bondholders in person or by agent appointed in writing. Proof of the execution of any such instrument or of the writing appointing any such agent and of the ownership of Bonds, if made in the following manner, shall be sufficient for any of the purposes of the Trust Agreement, and shall be conclusive in favor of the Trustee with regard to any action taken under such instrument, namely:

(a) The fact and date of the execution by any person of any such writing may be proved by the certificate of any officer in any jurisdiction who by law has power to take acknowledgments within such jurisdiction that the person signing such writing acknowledged before him the execution thereof, or by affidavit of any witness to such execution.

(b) The fact of the holding by any person of Bonds and/or coupons transferable by delivery and the amounts and numbers of such Bonds, and the date of the holding of the same, may be proved by a certificate executed on behalf of any trust company or bank, wherever situated, by an officer thereof, stating that at the date thereof the party named therein did exhibit to such officer of such trust company or bank as the property of such party, the Bonds and/or coupons therein mentioned, if such certificate shall be deemed by the Trustee to be satisfactory. In lieu of the foregoing the Trustee may accept other proofs of the foregoing it shall deem appropriate. For all purposes of this Agreement and of the proceedings for the enforcement hereof, such person shall be deemed to continue to be the holder of such Bond until the Trustee shall have received notice in writing to the contrary. The fact of ownership of Bonds registered as to principal (except to bearer) shall be proved by the registration books maintained by the Bond Registrar.

Nothing contained herein shall be construed as limiting the Trustee to such proof, it being intended that the Trustee may accept any other evidence of the matter herein stated which it deems to be sufficient. Any request or consent of the holder of any Bond shall bind every future holder of the same Bond, and any coupons appertaining thereto, in respect to anything done or suffered to be done by the University, the Trustee or any Paying Agent in pursuance of such request or consent.

**Section 10.02. Limitation of Rights.** With the exception of rights herein expressly conferred, nothing expressed or mentioned in or to be implied from the Trust Agreement or the Bonds is intended or shall be construed to give to any person other than the parties hereto and the holders of the Bonds and coupons any legal or equitable right, remedy or claim under or in respect to this Agreement or any covenants, conditions and provisions herein contained; this Agreement and all of the covenants, conditions and provisions hereof being intended to be and being for the sole and exclusive benefit of the parties hereto and the holders of the Bonds and coupons as herein provided.

**Section 10.03. Severability.** In case any section or provision of the Trust Agreement, or in case any covenant, stipulation, obligation, agreement, act, or action, or part thereof, made, assumed, entered into, or taken under the Trust Agreement, or any application thereof, is for any reason held to be illegal or invalid, such illegality or invalidity shall not affect the remainder thereof or any other section or provision of the Trust Agreement or any other covenant, stipulation, obligation, agreement, act, or action, or part thereof, made, assumed, entered into, or taken under the Trust Agreement, which shall be construed and enforced as if such illegal or invalid portion were not contained therein, nor shall such illegality or invalidity or any application thereof affect any legal and valid application thereof, and each such section, provision, covenant, stipulation, obligation, agreement, act, or action, or part thereof, shall be deemed to be effective, operative, made, entered into or taken in the manner and to the full extent permitted by law.

**Section 10.04. Notices.** It shall be sufficient service or giving of any notice, request, complaint, demand or other paper if the same shall be duly mailed by registered or certified mail addressed as follows: if to the University, addressed to the President or the Fiscal Officer of the University; if to the Trustee, to the Trustee at its principal office. The University and the Trustee may, by notice given hereunder, designate any further or different addresses to which subsequent notices, certificates or other communications shall be sent.

**Section 10.05. Payments Due on Holidays.** In any case where the date of maturity of interest on or principal of the Bonds or the date fixed for redemption of any Bonds shall be a Sunday, a holiday or any other day on which the Trustee or any other Paying Agent is authorized or not prohibited by law to close and is closed, then payment of such interest or principal and any redemption premium need not be made by such Paying Agent on such date but may be made on the next succeeding business day on which such Paying Agent is open for business with the same force and effect as if made on the date of maturity or the date fixed for redemption, and no interest shall accrue for the period after such date.

**Section 10.06. No Right to Levy of Excises or Taxes.** Nothing in the Trust Agreement shall be construed as giving the holders of the Bonds or coupons, or any of them, or the Trustee, the right, and they shall have no right, to have excises or taxes levied by the General Assembly of the State of Ohio for the payment of Bond service charges.

**Section 10.07. Extent of Covenants; No Personal Liability.** All covenants, stipulations, obligations and agreements of the University contained in the Trust Agreement shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by the Act and permitted by the Constitution of Ohio. No such covenant, stipulation, obligation or agreement shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future member, officer, agent or employee of the University or the Board in his individual capacity, and neither the members of the Board nor any official executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issuance thereof.

**Section 10.08. Binding Effect.** This instrument shall inure to the benefit of and shall be binding upon the University and the Trustee and their respective successors and assigns, subject, however, to the limitations contained in the Trust Agreement.

**Section 10.09. Counterparts.** This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

**Section 10.10. Captions.** The captions or headings in this Agreement are for convenience only and in no way define, limit or describe the scope or intent or any provisions or sections of this Agreement.

IN WITNESS WHEREOF, the University has caused this Agreement to be executed by its duly Authorized Officers, and the seal of the University to be hereunto affixed, and The Huntington National Bank of Columbus, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this Agreement to be executed in its name by its duly authorized officers and has caused its corporate seal to be hereunto affixed, all as of the day and year first above written, but actually on the dates of the respective acknowledgements.

THE OHIO STATE UNIVERSITY

(Seal)

By: \_\_\_\_\_  
Chairman, Board of Trustees

By: \_\_\_\_\_  
Secretary, Board of Trustees

THE HUNTINGTON NATIONAL BANK  
OF COLUMBUS, Trustee

(Seal)

By: \_\_\_\_\_  
Vice President

By: \_\_\_\_\_  
Assistant Secretary



Page 82 Blank

**\$4,500,000 General Receipts Bonds, Series 1971**

**FIRST SUPPLEMENTAL TRUST AGREEMENT**

**between**

**THE OHIO STATE UNIVERSITY**

**and**

**THE HUNTINGTON NATIONAL BANK OF COLUMBUS,**

**Trustee**

**Dated**

**as of**

**June 1, 1971**

-----  
**Supplementing Trust Agreement Dated June 1, 1971**

**Securing**

**THE OHIO STATE UNIVERSITY**

**GENERAL RECEIPTS BONDS**

Page 84 Blank

**FIRST SUPPLEMENTAL TRUST AGREEMENT**

**Pertaining to**

**The Ohio State University**

**\$4,500,000 GENERAL RECEIPTS BONDS, SERIES 1971**

This First Supplemental Trust Agreement, dated as of the first day of June, 1971 (hereinafter called the "Supplement"), by and between The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing under and by virtue of Chapter 3335 of the Ohio Revised Code, and The Huntington National Bank of Columbus, a bank organized and existing under and by virtue of the laws of the United States of America and duly authorized to exercise corporate trust powers in the State of Ohio, with its principal place of business located in Columbus, Ohio (hereinafter, with any successor, called the "Trustee"), as Trustee under the Trust Agreement hereinafter mentioned.

**W I T N E S S E T H:**

WHEREAS, the University, pursuant to the General Bond Resolution adopted by its Board of Trustees (hereinafter called the "Board") on May 7, 1971, has entered into a Trust Agreement dated as of June 1, 1971 (of which the General Bond Resolution constitutes a part) with the Trustee providing for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto, which Series Resolution shall authorize a Supplemental Trust Agreement, supplementing such Trust Agreement, pertaining to such issue of Bonds; and

WHEREAS, the Board adopted on May 7, 1971, the Series Resolution, designated and hereinafter referred to as the "Series 1971 Resolution", providing for the herein described Series 1971 Bonds and this Supplement, which Series 1971 Resolution is incorporated herein, constituting an integral part of this Supplement, and provides, in its entirety, as follows:

(See May 7, 1971 Minutes, pages 494-500)

WHEREAS, said Series 1971 Bonds were duly offered for public sale and on \_\_\_\_\_, 1971, the Fiscal Officer duly executed his certificate awarding the Series 1971 Bonds (hereinafter called the "Certificate of Award"), which Certificate of Award is incorporated herein, constituting an integral part of this Supplement, and provides, in its entirety, as follows:

\$4,500,000  
 THE OHIO STATE UNIVERSITY  
 GENERAL RECEIPTS BONDS, SERIES 1971  
 Dated June 1, 1971

**CERTIFICATE OF AWARD**

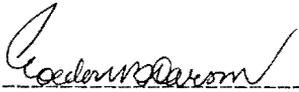
The undersigned, Fiscal Officer of The Ohio State University, as authorized by the Series 1971 Resolution duly adopted by the Board of Trustees of The Ohio State University on May 7, 1971, and providing for the issuance of \$4,500,000 General Receipts Bonds, Series 1971, has caused said Bonds to be advertised for sale in a manner and upon terms and conditions not inconsistent with said Resolution, received bids therefor on this date until 11 o'clock a.m. E.S.T., in Ohio (fast time) and did thereupon open and publicly read said bids, and does hereby award said Bonds in the sum of \$4,500,000 to the "Original Purchaser" below identified, whose bid for the Bonds at the price and interest rates below stated is hereby determined to be the highest bid based on the lowest interest cost and is hereby accepted:

**Original Purchaser:** MORGAN GUARANTY TRUST COMPANY, NEW YORK, NEW YORK

**Purchase Price:** \$4,501,652.00

<u>Principal Maturities</u>		<u>Interest Rate</u>	<u>Principal Maturities</u>		<u>Interest Rate</u>
1972	\$115,000	7.50 %	1982	\$220,000	5.60 %
1973	\$120,000	7.50	1983	\$230,000	5.70
1974	\$130,000	7.50	1984	\$245,000	5.80
1975	\$140,000	7.50	1985	\$265,000	5.90
1976	\$150,000	7.50	1986	\$280,000	6.00
1977	\$160,000	7.50	1987	\$300,000	6.00
1978	\$170,000	7.50	1988	\$320,000	6.00
1979	\$180,000	6.00	1989	\$340,000	6.00
1980	\$190,000	5.50	1990	\$360,000	6.00
1981	\$205,000	5.50	1991	\$380,000	6.00

**Dated:** June 24, 1971

  
 \_\_\_\_\_

Gordon B. Carson  
 Vice President, Business and Finance,  
 The Ohio State University

WHEREAS, the texts of the Series 1971 Bonds, the coupons to be attached thereto, the form of assignment of fully registered Bonds, the certificate of authentication of the Trustee to be endorsed thereon and other provisions to be included therein are to be substantially in the following forms with appropriate omissions, insertions and variations as in the Agreement provided or permitted:

**Coupon Bond Form**  
United States of America  
State of Ohio  
The Ohio State University  
General Receipts Bond, Series 1971

No. 71-

\$5,000

The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing pursuant to Chapter 3335 of the Ohio Revised Code, for value received, promises to pay to bearer, or, if this Bond be registered, to the registered holder hereof, from the sources and in the manner hereinafter referred to, the principal sum of

FIVE THOUSAND DOLLARS (\$5,000)

on June 1, 19  , and to pay from said sources interest thereon from the date hereof at the rate of  per centum (  %) per annum semi-annually on June 1 and December 1 of each year, commencing December 1, 1971, as evidenced by the coupons hereto attached, until payment of such principal sum has been made or duly provided for. Principal and interest are payable in lawful money of the United States of America, without deduction for the services of the Paying Agent, at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of the Chemical Bank, New York, New York, (such agents for payment including the Trustee being herein called the "Paying Agents"), upon presentation and surrender of this Bond and the coupons attached hereto as they respectively mature, provided that if this bond is registered as to principal other than to bearer then the principal hereof is payable only at said office of the Trustee.

This Bond is one of the General Receipts Bonds (hereinafter collectively called the "Bonds") authorized and from time to time to be authorized in various series under and pursuant to Section 2i of Article VIII, Ohio Constitution, Sections 3345.11 and 3345.12 of the Ohio Revised Code, the General Bond Resolution (hereinafter called the "General Bond Resolution") adopted by the Board of Trustees of the University (hereinafter called the "Board") on May 7, 1971, a Series Resolution authorizing each issue, and the Agreement described below, for the purpose of paying costs of University Facilities (as defined in the General Bond Resolution) and to refund, fund or retire obligations issued for such purpose. As provided in and subject to said Agreement, the Bonds

may be issued from time to time in one or more series, in various principal amounts, with different maturities and interest rates, and may otherwise vary. The aggregate principal amount of Bonds which may be issued is not limited except as provided in the Agreement or as may hereafter be provided by law, and all Bonds will be equally and ratably secured by the pledges and covenants made therein, except as otherwise expressly provided or permitted in the Agreement.

The Bonds are all to be issued under the Trust Agreement (of which the General Bond Resolution is a part) dated as of June 1, 1971, between the University and the above-named Trustee, as the same has been or may be supplemented or amended in accordance with its terms. Such Trust Agreement and amendments thereto and any applicable Supplemental Trust Agreement, including the Series Resolution constituting part thereof, are herein referred to collectively as the "Agreement". The term "Trustee" as used herein refers to said Trustee or any successor Trustee appointed pursuant to the Agreement. Reference is made to the Agreement for a more complete description of the provisions, among others, with respect to the nature and extent of the security, the rights, duties and obligations of the University, the Trustee and the holders of the Bonds and coupons, and the terms and conditions upon which the Bonds are issued and secured, to all of the provisions of which Agreement each holder, by the acceptance hereof, assents.

This Bond is one of a series of the Bonds, designated General Receipts Bonds, Series 1971 (hereinafter called the "Series 1971 Bonds"), in the aggregate principal amount of \$4,500,000, authorized by and issued pursuant to the Series 1971 Resolution adopted by the Board on May 7, 1971, and the Agreement, including the First Supplemental Trust Agreement thereto dated as of June 1, 1971, of which the Series 1971 Resolution is a part, for the purpose of paying part of the costs of certain University Facilities, consisting of certain motor vehicle parking facilities on the campus of the University, comprised of 3 multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking, with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and of refunding notes previously issued for such purpose.

The Series 1971 Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as fully registered bonds in denominations of \$5,000 and any authorized multiple thereof. Coupon Bonds and fully registered Bonds are interchangeable in equal aggregate principal amounts and in authorized denominations at the aforesaid office of the Trustee, in the manner and subject to the limitations provided in the Agreement.

This Bond and appurtenant coupons are negotiable instruments but this Bond may be registered as to principal in accordance with the provisions endorsed hereon and the terms and conditions provided in the Agreement.

The Series 1971 Bonds are not callable for redemption prior to December 1, 1981. Series 1971 Bonds maturing after June 1, 1981 are subject to redemption by the University prior to maturity on any interest payment date on or after December 1, 1981, in whole or in part and in

inverse order of their maturity (less than all of such Bonds of a single maturity to be selected by lot in such manner as may be determined by the Trustee), at a redemption price, expressed as a percentage of the principal amount redeemed, of 103% if redeemed on or before December 1, 1985, 102% if redeemed thereafter, but on or before December 1, 1988, and 101% if redeemed thereafter, plus in each case accrued interest. Such right of redemption shall be exercised by notice, specifying the Bonds or portions of fully registered Bonds to be called, the date fixed for redemption and the places where the amounts due upon such redemption are payable, which notice, subject to the provisions of the Agreement therefor, shall be published at least twice in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption thereof, together with interest thereon to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequently shall be void, and said Bonds, portions of fully registered Bonds, and coupons shall not be deemed to be outstanding under the Agreement.

Principal, interest, and any call premium on the Bonds (hereinafter collectively called the "Bond service charges") are payable solely from, and such payment is secured by a first pledge of and a lien on the gross amount of the General Receipts of the University and the Bond Pledge Fund and the Bond Service Fund, all as defined, and to the extent and in the manner provided, in the Agreement; provided, however, that nothing herein or in the Agreement shall be deemed to prohibit the University, of its own volition, from using to the extent lawfully authorized to do so any other resources for such payment. Such General Receipts are more particularly defined in the General Bond Resolution as all moneys received by the University including, among other receipts, all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, or other special purpose fees, or otherwise designated, and all gross income, revenues and receipts from University Facilities; and as excluding certain receipts as provided in the General Bond Resolution, among which are moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and provided for by Supplemental Trust Agreement approved by the Board, moneys received in connection with branch campus operations, and specified receipts pledged to secure other bonds of the University. The Bond Pledge Fund is a special trust fund held in the custody of the University into which the University shall pay at specified times in each fiscal year, as provided in the General Bond Resolution, from its collections of General Receipts moneys sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund. The Bond Service Fund, comprised in part of the Bond Service Account and the Bond Service Reserve Account, is

held in the custody of the Trustee, and is pledged to the payment of Bond service charges on all Bonds as provided in the Agreement. As required by the Agreement, the University shall make payments to the Bond Service Fund from the Bond Pledge Fund and, if necessary, from other General Receipts, of amounts sufficient to pay Bond service charges as they come due and to establish and maintain the Required Reserve in the Bond Service Reserve Account. The University has covenanted in the Agreement that so long as any Bonds are outstanding it will fix, make, adjust and collect items of General Receipts as will produce at all times General Receipts sufficient to pay Bond service charges when due, to establish and maintain the Required Reserve as provided in the Bond proceedings, and together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University. The holders or owners of the Bonds or appertaining interest coupons shall have no right to have excises or taxes levied by the General Assembly of Ohio for the payment of Bond service charges.

Except as provided in the Agreement, the holders or registered holders of the Bonds are not entitled to enforce the provisions of the Agreement or to institute, appear in or defend any suit, action or proceeding to enforce any provisions of the Agreement or to take any action with respect to any event of default under the Agreement.

In addition to the provisions contained in the Agreement authorizing the University and the Trustee, without the consent of or notice to any bondholder, to enter into Supplemental Trust Agreements not inconsistent with the Agreement and for certain purposes specified therein, the Agreement contains provisions authorizing such parties, with the consent of the holders of not less than 66-2/3% in aggregate principal of the Bonds at the time outstanding, exclusive of any Bonds then held or owned by the University, to enter into Supplemental Trust Agreements for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms and provisions of the Agreement; provided, however, that no such Supplemental Trust Agreement shall extend the maturity of the principal of or the interest on any Bond or reduce the principal amount of any Bond or the rate of interest or redemption premium thereon without the consent of the holder of each Bond so affected, or reduce the aggregate principal amount of the Bonds required for consent to such Supplemental Agreement without the consent of the holders of all Bonds then outstanding.

If an event of default in payment of Bond service charges or other default shall occur, as defined in the Agreement, the principal of Bonds then outstanding may be declared due and payable in the manner and with the effect provided by the Agreement, but subject to waiver of such event of default or rescission of such declaration as provided in the Agreement.

This Bond shall not constitute the personal obligation, either jointly or severally, of the members or officers of the Board or the officers of the University.

Neither this Bond nor any of the appertaining coupons shall be entitled to any security or benefit under the Agreement or become valid or obligatory for any purpose until the certificate of authentication hereon shall have been signed by the Trustee.

It is hereby certified and recited that all acts, conditions and things necessary to be done by the University precedent to and in the issuing of the Series 1971 Bonds in order to make them legal, valid and binding obligations of the University in accordance with their terms, have been done and performed and have happened in regular and due form as required by law; that payment in full for the Series 1971 Bonds has been received; and that the Series 1971 Bonds do not exceed or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, The Ohio State University has caused this Bond to be executed by the facsimile signature of the President of the University, and by the facsimile signature of the Secretary of the Board of Trustees of the University, and the facsimile seal of the University to be imprinted hereon, and the interest coupons attached hereto to be executed by the facsimile signature of the Vice President, Business and Finance of the University, all as of June 1, 1971.

THE OHIO STATE UNIVERSITY

----- [ facsimile signature ] -----

President

(Seal)

----- [ facsimile signature ] -----

Secretary of the Board of Trustees

#### PROVISIONS FOR REGISTRATION

This Bond may be registered as to principal alone on the registration books of the University kept by the Trustee as Bond Registrar, upon presentation hereof to the Trustee which shall make notation of such registration in the registration blank below, and this Bond may thereafter be transferred only upon an assignment duly executed by the registered holder or his attorney in such form as shall be satisfactory to the Bond Registrar, such transfer to be made on such books and endorsed hereon. Such transfer may be to bearer, and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before. The principal of this Bond, if registered, unless registered to bearer, shall be payable only to or on the order of the registered holder or his attorney. Notwithstanding the registration of this Bond as to principal alone as aforesaid, the coupons will remain payable to bearer and shall continue to be transferable by delivery.

<u>Date of Registration</u>	<u>Name of Registered Holder</u>	<u>Signature of Authorized Officer of Bond Registrar</u>
-----	-----	-----
-----	-----	-----
-----	-----	-----

**FORM OF INTEREST COUPON**

No.

§

[Unless the Bond described below shall have been duly called for previous redemption and payment of the redemption price duly made or provided for,] \* on June/December 1, The Ohio State University will pay to bearer, from the sources and in the manner provided in the Trust Agreement referred to in the Bond described below, on presentation and surrender of this coupon at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio, or of Chemical Bank, New York, New York,

dollars (\$) being interest then due on its General Receipt Bond Series 1971, dated June 1, 1971, No.

----- [facsimile signature] -----  
 Vice President, Business and Finance  
 The Ohio State University

**Single Maturity Fully Registered Bond Form**  
 United States of America  
 State of Ohio  
 The Ohio State University  
 General Receipts Bond, Series 1971

No. R71-

§

The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing pursuant to Chapter 3335 of the Ohio Revised Code, for value received, promises to pay to

, or registered assigns, from the sources and in the manner hereinafter referred to, the principal sum of

DOLLARS (\$) )

\* Bracketed clause appears on coupons maturing after the first call date shown on the Bond face.

on June 1, , and to pay from said sources interest thereon from the date hereof at the rate of per centum ( %) per annum semi-annually on June 1 and December 1 of each year, commencing December 1, 1971, until payment of such principal sum has been made or duly provided for. Principal and interest are payable in lawful money of the United States of America, without deduction for the services of the Trustee as Paying Agent. Principal is payable upon presentation and surrender of this Bond at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio. Interest on this Bond will be paid by check or draft mailed to the registered holder hereof at his address as it appears on the registration books of the University.

This Bond is one of the General Receipts Bonds (hereinafter collectively called the "Bonds") authorized and from time to time to be authorized in various series under and pursuant to Section 2i of Article VIII, Ohio Constitution, Sections 3345.11 and 3345.12 of the Ohio Revised Code, the General Bond Resolution (hereinafter called the "General Bond Resolution") adopted by the Board of Trustees of the University (hereinafter called the "Board") on May 7, 1971, a Series Resolution authorizing each issue, and the Agreement described below, for the purpose of paying costs of University Facilities (as defined in the General Bond Resolution) and to refund, fund or retire obligations issued for such purpose. As provided in and subject to said Agreement, the Bonds may be issued from time to time in one or more series, in various principal amounts, with different maturities and interest rates, and may otherwise vary. The aggregate principal amount of Bonds which may be issued is not limited except as provided in the Agreement or as may hereafter be provided by law, and all Bonds will be equally and ratably secured by the pledges and covenants made therein, except as otherwise expressly provided or permitted in the Agreement.

The Bonds are all to be issued under the Trust Agreement (of which the General Bond Resolution is a part) dated as of June 1, 1971, between the University and the above-named Trustee, as the same has been or may be supplemented or amended in accordance with its terms. Such Trust Agreement and amendments thereto and any applicable Supplemental Trust Agreement, including the Series Resolution constituting part thereof, are herein referred to collectively as the "Agreement". The term "Trustee" as used herein refers to said Trustee or any successor Trustee appointed pursuant to the Agreement. Reference is made to the Agreement for a more complete description of the provisions, among others, with respect to the nature and extent of the security, the rights, duties and obligations of the University, the Trustee and the holders of the Bonds and coupons, and the terms and conditions upon which the Bonds are issued and secured, to all of the provisions of which Agreement each holder, by the acceptance hereof, assents.

This Bond is one of a series of the Bonds, designated General Receipts Bonds, Series 1971 (hereinafter called the "Series 1971 Bonds"), in the aggregate principal amount of \$4,500,000, authorized by and issued pursuant to the Series 1971 Resolution adopted by the Board on May 7, 1971, and the Agreement, including the First Supplemental Trust Agreement thereto dated as of

June 1, 1971, of which the Series 1971 Resolution is a part, for the purpose of paying part of the costs of certain University Facilities, consisting of certain motor vehicle parking facilities on the campus of the University, comprised of three multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and of refunding notes previously issued for such purpose.

The Series 1971 Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as fully registered bonds in denominations of \$5,000 and any authorized multiple thereof. Coupon Bonds and fully registered Bonds are interchangeable in equal aggregate principal amounts and in authorized denominations at the aforesaid office of the Trustee, in the manner and subject to the limitations provided in the Agreement.

This Bond is transferable by the registered holder hereof in person or by his attorney duly authorized in writing at the principal corporate trust office of the Trustee as Bond Registrar, upon presentation hereof to the Trustee, all subject to the terms and conditions provided in the Agreement.

The Series 1971 Bonds are not callable for redemption prior to December 1, 1981. Series 1971 Bonds maturing after June 1, 1981 are subject to redemption by the University prior to maturity on any interest payment date on or after December 1, 1981, in whole or in part and in inverse order of their maturity (less than all of such Bonds of a single maturity to be selected by lot in such manner as may be determined by the Trustee), at a redemption price, expressed as a percentage of the principal amount redeemed, of 103% if redeemed on or before December 1, 1985, 102% if redeemed thereafter, but on or before December 1, 1988 and 101% if redeemed thereafter, plus in each case accrued interest. Such right of redemption shall be exercised by notice, specifying the Bonds or portions of fully registered Bonds to be called, the date fixed for redemption and the places where the amounts due upon such redemption are payable, which notice, subject to the provisions of the Agreement therefor, shall be published at least twice in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption thereof, together with interest thereon to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequently shall be void, and said Bonds, portions of fully registered Bonds, and coupons shall not be deemed to be outstanding under the Agreement.

Principal, interest, and any call premium on the Bonds (hereinafter collectively called the "Bond service charges") are payable solely from, and such payment is secured by a first pledge of and a lien on the gross amount of the General Receipts of the University and the Bond Pledge Fund

and the Bond Service Fund, all as defined, and to the extent and in the manner provided, in the Agreement; provided, however, that nothing herein or in the Agreement shall be deemed to prohibit the University, of its own volition, from using to the extent lawfully authorized to do so any other resources for such payment. Such General Receipts are more particularly defined in the General Bond Resolution as all moneys received by the University including, among other receipts, all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, or other special purpose fees, or otherwise designated, and all gross income, revenues and receipts from University Facilities; and as excluding certain receipts as provided and defined in the General Bond Resolution, among which are moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and provided for by Supplemental Trust Agreement approved by the Board, moneys received in connection with branch campus operations, and specified receipts pledged to secure other bonds of the University. The Bond Pledge Fund is a special trust fund held in the custody of the University into which the University shall pay at specified times in each fiscal year, as provided in the General Bond Resolution, from its collections of General Receipts moneys sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund. The Bond Service Fund, comprised in part of the Bond Service Account and the Bond Service Reserve Account, is held in the custody of the Trustee, and is pledged to the payment of Bond service charges on all Bonds as provided in the Agreement. As required by the Agreement, the University shall make payments to the Bond Service Fund from the Bond Pledge Fund and, if necessary, from other General Receipts, of amounts sufficient to pay Bond service charges as they come due and to establish and maintain the Required Reserve in the Bond Service Reserve Account. The University has covenanted in the Agreement that so long as any Bonds are outstanding it will fix, make, adjust and collect items of General Receipts as will produce at all times General Receipts sufficient to pay Bond service charges when due, to establish and maintain the Required Reserve as provided in the Bond proceedings, and together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University. The holders or owners of the Bonds or appertaining interest coupons shall have no right to have excises or taxes levied by the General Assembly of Ohio for the payment of Bond service charges.

Except as provided in the Agreement, the holders or registered holders of the Bonds are not entitled to enforce the provisions of the Agreement or to institute, appear in or defend any suit, action or proceeding to enforce any provisions of the Agreement or to take any action with respect to any event of default under the Agreement.

In addition to the provisions contained in the Agreement authorizing the University and the Trustee, without the consent of or notice to any bondholder, to enter into Supplemental Trust

Agreements not inconsistent with the Agreement and for certain purposes specified therein, the Agreement contains provisions authorizing such parties, with the consent of the holders of not less than 66-2/3% in aggregate principal of the Bonds at the time outstanding, exclusive of any Bonds then held or owned by the University, to enter into Supplemental Trust Agreements for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms and provisions of the Agreement; provided, however, that no such Supplemental Trust Agreement shall extend the maturity of the principal of or the interest on any Bond or reduce the principal amount of any Bond or the rate of interest or redemption premium thereon without the consent of the holder of each Bond so affected, or reduce the aggregate principal amount of the Bonds required for consent to such Supplemental Agreement without the consent of the holders of all Bonds then outstanding.

If an event of default in payment of Bond service charges or other default shall occur, as defined in the Agreement, the principal of Bonds then outstanding may be declared due and payable in the manner and with the effect provided by the Agreement, but subject to waiver of such event of default or rescission of such declaration as provided in the Agreement.

This Bond shall not constitute the personal obligation, either jointly or severally, of the members or officers of the Board or the officers of the University.

This Bond shall not be entitled to any security or benefit under the Agreement or become valid or obligatory for any purpose until the certificate of authentication hereon shall have been signed by the Trustee.

It is hereby certified and recited that all acts, conditions and things necessary to be done by the University precedent to and in the issuing of the Series 1971 Bonds in order to make them legal, valid and binding obligations of the University in accordance with their terms, have been done and performed and have happened in regular and due form as required by law; that payment in full for the Series 1971 Bonds has been received; and that the Series 1971 Bonds do not exceed or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, The Ohio State University has caused this Bond to be executed by the facsimile signature of the President of the University, and by the facsimile signature of the Secretary of the Board of Trustees of the University, and the facsimile seal of the University to be imprinted hereon all as of the first day of

THE OHIO STATE UNIVERSITY

----- [ facsimile signature ] -----

President

(Seal)

----- [ facsimile signature ] -----

Secretary of the Board of Trustees

**Form of Assignment to be Printed on Each  
Fully Registered Bond**

**ASSIGNMENT**

For value received, the undersigned hereby sells, assigns and transfers unto

-----  
the within Bond and does hereby irrevocably constitute and appoint

-----  
attorney to transfer the said Bond on the books kept for registration of the within Bond, with full power of substitution in the premises.

Dated: \_\_\_\_\_

In the presence of:  
  
-----

**Form of Trustee's Authentication  
Certificate to be Endorsed on all  
Series 1971 Bonds**

This Bond is one of the Bonds issued under the provisions of the within mentioned Agreement and First Supplemental Trust Agreement thereto.

The Huntington National Bank of Columbus, Trustee

By \_\_\_\_\_

WHEREAS, the University has, or will have in all respects complied with the provisions of the Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$4,500,000 General Receipts Bonds, Series 1971 being the first issue of Bonds pursuant to the Agreement; and

WHEREAS, pursuant to the applicable provisions of Article VIII of the Agreement and particularly Section 8.01 (vi) thereof, the University desires by this Supplement and the Series 1971 Resolution comprising part thereof to provide for the issuance pursuant to the Agreement of said Series 1971 Bonds;

NOW, THEREFORE, THIS FIRST SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the Bond service charges on the Series 1971 Bonds according to their true intent and meaning, and to secure the performance and observance of

all covenants and conditions therein, herein, and in the Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Series 1971 Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the University has executed and delivered this First Supplemental Trust Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Agreement and this Supplement set forth for the security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said Agreement, without priority of any one Bond or coupon over any other by reason of series designation, number, date of authorization, issuance, sale, execution or delivery, date of the Bonds or of maturity, except as may be otherwise permitted by the General Bond Resolution.

Section 1. **Incorporation of Resolution and Certificate.** The terms and provisions of the Series 1971 Resolution and the Certificate of Award, as set forth in the preambles hereto, constitute part of this Supplement as if such terms and provisions were here set forth.

Section 2. **Form, Execution and Delivery.** The Series 1971 Bonds shall be executed, authenticated and delivered as provided herein and in the Agreement, and said Series 1971 Bonds, the coupons to be attached thereto, the form of assignment of fully registered Bonds, and the certificate of authentication of the Trustee to be endorsed thereon, shall be substantially in the forms provided in the preambles hereto with any necessary modifications to conform hereto.

Section 3. **Concerning the Trustee.** The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Agreement and in this First Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely.

IN WITNESS WHEREOF, the University has caused this First Supplemental Trust Agreement to be executed by its duly authorized officers and the seal of the University to be hereunto affixed, and The Huntington National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this First Supplemental Trust Agreement to be executed in its name by its duly authorized officers and has caused its seal to be hereunto affixed, all as of the day and year first above written, but actually on the dates of the respective acknowledgments.

THE OHIO STATE UNIVERSITY

By \_\_\_\_\_  
Chairman, Board of Trustees  
and

By \_\_\_\_\_  
Secretary, Board of Trustees

SEAL



Page 100 Blank

APPENDIX I

POOLED INCOME FUND TRUST AGREEMENT

and

INSTRUMENT OF TRANSFER

Page 102 Blank

Pooled Income Fund  
The Ohio State University

This Agreement between The Ohio State University (the University) and \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ (the Trustees), executed this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_ witnesseth:

The purpose and intent of this Agreement is to create a Pooled Income Fund (the Trust) 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 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) The instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement. A copy of this Agreement shall be attached to each instrument of transfer.

Pooled Income Fund - The Ohio State University (continued)

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 any securities the income from which is exempt from federal income tax.

3. Commingling of Life Income Properties. The property transferred by each donor shall be commingled with and invested or reinvested with the 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, and 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 proportional share of the annual income earned by the Trust. Such share expressed in terms of units of participation shall be based on the fair market value of the property transferred by the donor on the date of transfer, in relation to the value on said date of all property held by the Trust immediately prior thereto.

(c) 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.

Pooled Income Fund - The Ohio State University (continued)

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his 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.

(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.

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 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 be maintained by the University and the Trustees shall be subject to the control of the University. The University may

Pooled Income Fund - The Ohio State University (continued)

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 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 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

Pooled Income Fund - The Ohio State University (continued)

deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

(b) The Trustees may consult with the managers and investment advisers 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.

(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.

Pooled Income Fund - The Ohio State University (continued)

(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 on the date first written above.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Trustees

Contribution to Pooled Income Fund  
of The Ohio State University  
(Instrument of Transfer)

The undersigned \_\_\_\_\_, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund under the Agreement dated \_\_\_\_\_, 19\_\_ , 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 a copy of which, marked Exhibit A, is attached hereto and made a part hereof.
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 and distributed to the University at the termination of said income interest, as provided in said Agreement.

Contribution to Pooled Income Fund of The Ohio State University - Instrument of Transfer (continued)

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

Signed by \_\_\_\_\_, Donor, and accepted by the Trustees of the Pooled Income Fund, as of \_\_\_\_\_.

\_\_\_\_\_

Donor

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Trustees

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

September 3, 1971

Page 112 Blank

## The Recipients of Honors

### RALPH L. BOYER

The Ohio State University  
Distinguished Service Award

*Outstanding citizen who has exhibited civic commitment, industrial foresight, and unselfish service to The Ohio State University.*

As vice president and director of engineering for the Cooper-Bessemer Company, Ralph L. Boyer has played a key role in the development of that corporation's reputation as a quality builder of engines and compressors for government and industrial use. Instrumental in the invention of high compression natural gas engines and large turbine engines for industrial power uses, Mr. Boyer has been called upon frequently by public and private concerns to act as a special consultant.

In addition to his many professional responsibilities, Mr. Boyer has contributed valuable service to his community as president of the Martin Memorial Hospital Board of Trustees, the Knox County Mental Health Association, and the Community Concert Association. In testimony of his many notable achievements, he has been awarded the University's Benjamin G. Lamme Meritorious Achievement Medal and The Ohio State University Association's Alumni Centennial Award.

Mr. Boyer received his bachelor of mechanical engineering degree and his mechanical engineer degree from The Ohio State University in 1924 and 1930 respectively, and he has maintained a keen interest in his alma mater through the years. A member/director of the University Research Foundation and a member of the President's Club, Mr. Boyer has long been committed to the forward thrust of Development Fund programs. He was instrumental in the establishment of undergraduate scholarships and provided the impetus for the Cooper-Bessemer Company to match these with departmental grants. His prominence in the founding of the Alumni Committee of 100 for Engineering and his creative leadership as a member of this committee is a distinctive expression of his dedication to the University.

It is an honor to recognize Ralph L. Boyer for his loyalty and distinguished service to The Ohio State University.

### GRACE FERN HECK

The Ohio State University  
Distinguished Service Award

*Noted attorney whose professional achievements and commitment to higher education are of uncommon distinction.*

The career of Grace Fern Heck can be characterized as one of active service to her profession and to her alma mater. An alumna of The Ohio State University, she received her bachelor of arts degree in 1928 and the degree of juris doctor summa cum laude in 1930. As the first elected woman prosecutor in the state of Ohio, she served two terms before being elected municipal judge in Urbana, Ohio. Miss Heck has achieved wide respect throughout the legal profession and is active in both the state and national bar associations. Her devotion to the advancement of law education has remained steadfast through the years, and she continues to serve the interests of education as president of The Ohio State University Law Alumni Association.

In addition to her active involvement in efforts to meet the urgent needs of professional education, Miss Heck has demonstrated enthusiastic support through a broad spectrum of University organizations. As a student, she was active in her social sorority, Zeta Tau Alpha, in Kappa Beta Pi legal sorority, and was elected to Phi Beta Kappa and Order of the Coif. As an alumna, she has contributed imaginative leadership to the Champaign County Alumni Club as that organization's president and also to the national alumni association as second vice president. A recipient of the 1970 Alumni Centennial Award, Miss Heck currently is serving a second five-year term on the Alumni Advisory Board. Her personal role has been recognized as a prime factor in the revitalization and expanded dimensions of the board during the past three years.

The Ohio State University is proud to recognize Grace Fern Heck for her outstanding record of professional achievement and for exemplary service to her alma mater.

## VIRGIL OVERHOLT

The Ohio State University  
Distinguished Service Award

*Pre-eminent teacher and practitioner of progressive soil and water conservation methods.*

Widely recognized and admired as an engineer, teacher, and agriculturist, Virgil Overholt has maintained an untiring interest in the identification and solution of problems related to agriculture and the environment. Mr. Overholt, who received his bachelor of science degree in agriculture from The Ohio State University in 1915, has served as a member of the faculty for 41 years. He has inspired students, farmers, and associates by his dedication to the advancement of agricultural education, his encouragement of research and development of sophisticated conservation programs, and his progressive application of agricultural technology.

In recognition of outstanding accomplishment in the areas of irrigation, drainage methods, sanitation, and soil erosion control, Mr. Overholt has been awarded the John Deere Medal by the American Society of Agricultural Engineers. He is also the recipient of the Superior Service Award from the United States Department of Agriculture and is an honorary life member of the Ohio Land Improvement Contractors Association. The Board of Trustees of The Ohio State University conferred the title Professor Emeritus upon him at his retirement in 1956.

The Ohio State University is proud to recognize this alumnus and faculty member for his outstanding contributions to improved agricultural technology and for his unselfish service to the University.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

Two hundred and ninety-eight candidates

Nancy Hamblen Acuff, Blountville, Tenn.

B.A., M.S. (University of Tennessee)

*Dissertation:* Paternal Effectiveness in a Selected

Cognitive Task

*Field of Specialization:* Education

James Andrew Adams, Saginaw, Mich.

A.B., A.M. (Morehead State College)

*Dissertation:* A Study of the Status, Scope and Nature

of Educational Evaluation in Michigan's Public K-12

School Districts

*Field of Specialization:* Education

Jeram Godhumal Advani, Baroda, India

B.E. (Maharaja Sayajirao University of Baroda);

M.E. (University of Rajasthan)

*Dissertation:* Computer Recognition of Three-Dimensional

Objects from Optical Images

*Field of Specialization:* Electrical Engineering

Chang-Yil Ahn, Kimchon, Korea

B.A., M.A. (Korea University); M.S. (University of

Dayton)

*Dissertation:* Development of a Computer-Assisted

Instructional System on the Use of the Dictionary of

Occupational Titles

*Field of Specialization:* Education

Albert Francis Allong, Trinidad, West Indies

B.S. (Saint Francis Xavier University); M.S. (University

of Wisconsin)

*Dissertation:* Hydrogeology of the Scioto Drainage Basin

*Field of Specialization:* Geology

Oris Carter Amos, Westerville

A.B. (Virginia State College); M.A.

*Dissertation:* Satisfaction and Commitment of Ohio

Teachers of Educable Mentally Retarded Children

*Field of Specialization:* Education

James Everett Anderson, Wichita, Kan.

B.A. (University of Kansas); M.S. (Kansas State

Teachers College)

*Dissertation:* A Study of Selected Innovational

Components for the Professional Education Segment of

Secondary Social Studies Teacher Education Programs

*Field of Specialization:* Education

Richard Edward Anstett, Lancaster, N. Y.

B.A. (Canisius College); M.A.

*Dissertation:* The Effect of Presenting Clients with

Information about Appropriate Role Behavior on the

In-Counseling Behavior of Clients

*Field of Specialization:* Psychology

Dale Arnold Arahood, Glen Ellyn, Ill.

B.A. (Knox College)

*Dissertation:* A Credit Scoring Approach to the

Commercial Lending Credit Decision Process

*Field of Specialization:* Industrial Engineering

Do Sun Bai, Seoul, Korea

B.S. in Engr., B.S.Com. (Seoul National University); M.S.

*Dissertation:* Efficient Sampling Plans in a Two-State

Markov Chain

*Field of Specialization:* Statistics

Joseph Warren Balch, Point Pleasant, W. Va.

B.E.E., M.S.

*Dissertation:* Epitaxial Growth of Gallium Arsenide on

Zinc Selenide

*Field of Specialization:* Electrical Engineering

Charles Edwin Ballinger, Columbus

B.A. (DePauw University); M.A.

*Dissertation:* Drug Education: Some Guidelines for

Development of Instructional Programs for Students:

K-12

*Field of Specialization:* Education

David Allen Bankes, Newport News, Va.

B.S.Ag. (University of Delaware); M.S.

*Dissertation:* Some Effects of Localized Internode

Segment and Entire-Shoot X-Irradiation on the Survival

and Morphology of Sunflower Plants

*Field of Specialization:* Botany

Evelyn Ruth Berryman Barritt, Worthington

B.S. in Nurs., M.A.

*Dissertation:* Florence Nightingale's Values Regarding

Nursing Education

*Field of Specialization:* Education

Charles Augustus Bauer, Los Angeles, Calif.

B.S. (Loyola University of Los Angeles)

*Dissertation:* The Compositional Dependence of the

Spinwave Dispersion Coefficient D in the Invar Region

*Field of Specialization:* Physics

Gerald Robert Baughman, Carey

B.Agr.E., M.S.

*Dissertation:* Experimental Study and Simulation of a

Concurrent-Flow Grain Dryer

*Field of Specialization:* Agricultural Engineering

Sandra Williams Bennett, Reynoldsburg

B.S.Ed. (Otterbein College); M.A.

*Dissertation:* Ascertainment of Community Needs by

Public Television Stations: A Study of KPBS, WOSU,

WVIZ, WETA, and the Alabama Educational Television

Commission

*Field of Specialization:* Speech

John Pierre Berwald, Amherst, Mass.

A.B. (University of Michigan); M.A. (Middlebury

College)

*Dissertation:* An Assessment Study of Innovative High

School Foreign Language Programs

*Field of Specialization:* Education

Kermit John Blank, Knoxville, Tenn.

B.S.Ed. (Pennsylvania State Teachers College);

M.S.Ed. (Temple University)

*Dissertation:* An Empirical Assessment of the Differences

in Value Orientation between Students at the University

of Tennessee and Their Parents

*Field of Specialization:* Education

Dwight Allen Blaser, Westerville

B.M.E., M.S.

*Dissertation:* A Preliminary Analytical and Experimental

Investigation of Helicopter Rotor Boundary Layers

*Field of Specialization:* Mechanical Engineering

- Francis Eldon Bloomer, Wichita, Kan.  
A.B.Ed., M.Ed. (Wichita State University)  
*Dissertation*: Social Studies Teachers' Perception of  
Topics in Geography  
*Field of Specialization*: Education
- John Andrew Blough, Cleveland  
A.B. (College of Wooster)  
*Dissertation*: Knowledge for Action: An Analysis of the  
Relevance of Selected Social Science Concepts to the  
Preparation of Educational Leaders  
*Field of Specialization*: Education
- Walter Raymond Bortz, Napoleon  
B.S.Ed. (Bowling Green State University); M.A.Ed.  
(Ball State University)  
*Dissertation*: The Relationship of Selected High School  
Courses to Success in College  
*Field of Specialization*: Education
- John Donald Boyd, II, Westerville  
A.B. (Milligan College); M.A. (Bowling Green State  
University)  
*Dissertation*: The Construction of a Microcounseling  
Training Model and the Assessment of Its Effectiveness  
in Teaching a Cognitively Flexible Set of Verbal Response  
Behaviors to Neophyte Counselors  
*Field of Specialization*: Education
- Joe Louis Boyer, Tuscaloosa, Ala.  
B.S. (Tennessee Agricultural and Industrial State  
University); M.S. (University of Illinois)  
*Dissertation*: Knowledge and Perceptions of Knowledge  
Related to Teaching and Learning in Disadvantaged  
Areas: A Comparative Study of Pre-Service Teachers in  
Predominantly Black and Predominantly White  
Universities  
*Field of Specialization*: Education
- James Allen Braden, Washington, Pa.  
B.S.Ed. (California State College, Pennsylvania); M.A.  
*Dissertation*: The Liberals as a Third Party in British  
Politics, 1926-1931: A Study in Political Communication  
*Field of Specialization*: History
- James Eugene Bradley, Alliance  
B.S. (Muskingum College); M.S.  
*Dissertation*: Phase Relations in the System CaSiO<sub>2</sub>-  
CaWO<sub>4</sub>-SiO<sub>2</sub>  
*Field of Specialization*: Mineralogy
- Japnell Davis Braun, Columbus  
B.S. (University of Florida); M.S.  
*Dissertation*: Local Equilibrium and Diffusion in  
Multiphase Couples  
*Field of Specialization*: Metallurgical Engineering
- William Cleve Brewington, Richmond, Va.  
B.S. (Bethune-Cookman College); M.Ed. (University of  
Virginia)  
*Dissertation*: A Study of First Year Secondary School  
Science Teachers Who Completed Preservice Programs at  
The Ohio State University  
*Field of Specialization*: Education
- Celeste Mary Brody, Jordan, N. Y.  
B.A. (Catholic University of America); M.A.Ed.  
(Syracuse University)  
*Dissertation*: An Exploratory Study of Student Classroom  
Behavior at It Influences the Social System of the  
Classroom  
*Field of Specialization*: Education
- Marcus William Bruce, Sykesville, Md.  
B.S. (Western Maryland College); M.S. (West Virginia  
University)  
*Dissertation*: A Survey of Attitudes of Administrators  
and Other Faculty in Regards to Faculty Work Load in  
Physical Education in Higher Education  
*Field of Specialization*: Physical Education
- Ronald Lee Burgher, Dayton  
B.S.Ed., M.A. (Bowling Green State University)  
*Dissertation*: An Exploration of the Relationship between  
the Self-Images of Agents and Various Rhetorical Choices  
Employed during Selected Student Movements  
*Field of Specialization*: Speech
- William G. Callahan, Syracuse, N. Y.  
B.S.Ed. (State College at Boston)  
*Dissertation*: The Effectiveness of Silence as a Reinforcer  
with the Educable Mentally Retarded and Its  
Relationship to the Construct of Locus of Control  
*Field of Specialization*: Education
- Elke Jurandy Bran Nogueira Cardoso, Piracicada, S. P.,  
Brazil  
Eng.Agr., M.S. (University of Sao Paulo)  
*Dissertation*: Influence of Light on the Oospore  
Germination of Several Species of *Pythium* and  
*Phytophthora*  
*Field of Specialization*: Plant Pathology
- Norma June Carr, Seattle, Wash.  
B.S. (University of California at Los Angeles);  
M.S. (University of Washington)  
*Dissertation*: The Effect of Objective and Subjective  
Television Camera Treatments on the Learning of  
Selected Psychomotor and Cognitive Aspects of  
Badminton Achievement of College Women  
*Field of Specialization*: Physical Education
- Patricia Mezo Carr, Columbus  
B.A., M.S.Ed. (Southern Illinois University)  
*Dissertation*: The Application of Micro-Counseling and  
Instructional Supervision in the Training of Teachers in  
Counselor Verbal Response Skills  
*Field of Specialization*: Education
- Arnaldo Carrasquillo, Rio Piedras, Puerto Rico  
B.S., M.S. (University of Puerto Rico)  
*Dissertation*: Small Ring N-Chloramine Solvolysis;  
Reactions of Some Strained Rings with Electron Deficient  
Acetylenes  
*Field of Specialization*: Chemistry
- David George Carter, Dayton  
B.S.Ed. (Central State University); M.Ed. (Miami  
University)  
*Dissertation*: Assessing How Planning-Programming-  
Budgeting-System Enhances the Potential of Decision-  
Makers to Be Accountable in Selected School Districts  
*Field of Specialization*: Education

- Howard Samuel Case, Westminster, Md.  
B.S., M.Ed. (Western Maryland College)  
*Dissertation:* Detraining Following Two Frequencies of High Volume Interval Training  
*Field of Specialization:* Physical Education
- Francis Joseph Cesario, Jr., Columbus  
B.S.M.E. (University of Massachusetts); M.S. (Montana State College)  
*Dissertation:* Parameter Estimation in Trip Distribution Modeling  
*Field of Specialization:* Industrial Engineering
- Burley Dean Channer, Berkeley  
B.A. (University of Kansas); M.A. (Middlebury College)  
*Dissertation:* Lyrical Structure in Two Novels of Wilhelm Lehmann: *Der Bilderstürmer* and *Weingott*  
*Field of Specialization:* German
- Hsien Chen Cheng, St. Louis, Mo.  
B.S. (National Taiwan University); M.A. (Washington University)  
*Dissertation:* Isoenzymes of Hexokinase in Rat Testes at Various Developmental and Endocrine States  
*Field of Specialization:* Dairy Science
- David K-P Cheung, Corvallis, Ore.  
B.S., M.S. (Oregon State University)  
*Dissertation:* Small Signal Impedance of P<sup>+</sup> -I-N<sup>+</sup> Diode under High Level Injection  
*Field of Specialization:* Electrical Engineering
- Long Fay Chin, Selangor, Malaysia  
B.S. (University of Western Australia)  
*Dissertation:* A Survey of Science Teaching in the Public Secondary Schools of the Great Lakes and Far West Regions of the United States in the 1970-71 School Year  
*Field of Specialization:* Education
- Sang-Sam Choi, Chapel Hill, N. C.  
B.S. (University of North Carolina); M.S. (Michigan State University)  
*Dissertation:* The External Photoelectric Effect from Adsorbed Cyanine Dyes  
*Field of Specialization:* Physics
- Charles Thornton Christine, Newark  
B.S.Ed. (Temple University); M.Ed. (Ohio University)  
*Dissertation:* An Investigation of Three Teaching Theories  
*Field of Specialization:* Education
- Calvin Lee Christman, Belle Center  
A.B. (Dartmouth College); M.A., M.A.T. (Vanderbilt University)  
*Dissertation:* Ferdinand Eberstadt and Economic Mobilization for War, 1941-1943  
*Field of Specialization:* History
- Marilyn Fairfax Colby, Falls Church, Va.  
B.S. in Phys. Ed. (The Women's College of the University of North Carolina at Greensboro); M.S. in Phys. Ed. (Indiana University)  
*Dissertation:* The Amount of Information Feedback Essential to Error Correction in Putting  
*Field of Specialization:* Physical Education
- Lawrence Edward Cole, Jr., Albion, N. Y.  
B.S. in Speech, M.S. (Emerson College)  
*Dissertation:* A Study of Some Relationships of Social Sensitivity and Leadership Selections  
*Field of Specialization:* Speech
- Arnold Roy Colten, Walnut Creek, Calif.  
B.A. (San Francisco State College); M.A.  
*Dissertation:* Category Repetition and Proactive Inhibition in Short-Term Memory  
*Field of Specialization:* Psychology
- John Charles Comer, Columbus  
B.A. (Miami University); M.A. (Kent State University)  
*Dissertation:* Political Orientations and Voting Behavior: A Study of Independents and Party Identifiers  
*Field of Specialization:* Political Science
- <sup>2</sup>Edward Vincent Cosgrove, Columbus  
B.S. (Georgetown University); M.S. (Northeastern University)  
*Dissertation:* Control of Ribonucleic Acid Synthesis in *Escherichia coli* with B-Phenethyl Alcohol  
*Field of Specialization:* Microbiology
- Dennis McKelvey Courtney, Edinboro, Pa.  
A.B., M.A. (Wayne State University)  
*Dissertation:* The Effects of Member Power, Power Motivation and Set to Cooperate or Compete with Other Group Members in Small Decision-Making Groups  
*Field of Specialization:* Psychology
- Joshua Crane, Lake Worth, Fla.  
A.B. (Guilford College); M.A. (University of Florida)  
*Dissertation:* An Investigation of Cast and Audience Semantic Agreement in Readers Theatre Productions  
*Field of Specialization:* Speech
- Emily L. Cronau, South Plainfield, N. J.  
A.B. (Indiana University); M.A.  
*Dissertation:* Narrative and Lyric Motifs in the Fifteenth Century Spanish Sentimental Novel  
*Field of Specialization:* Romance Languages
- Roger Bruce Culver, Fort Collins, Colo.  
B.A. (University of California); M.S.  
*Dissertation:* An Analysis of the Spectrum of the Irregular Variable CY Cygni in the Wavelength Region 5000A-6700A  
*Field of Specialization:* Astronomy
- Elizabeth West Davidson, Columbus  
B.S. (Mount Union College); M.S.  
*Dissertation:* Ultrastructure of Peritrophic Membrane Development and American Foulbrood Disease Pathogenesis in Larvae of the Worker Honey Bee, *Apis mellifera* L. (Hymenoptera: Apidae)  
*Field of Specialization:* Entomology
- Ann Schwarcz Davis, Lebanon  
B.A.; M.S.S.W. (University of Louisville)  
*Dissertation:* Schizophrenics in the Community: A Follow-Up  
*Field of Specialization:* Sociology

\* Degree granted in cooperation with Miami University

- Charles Stanley Davis, Columbus  
B.S. in Bus. (Indiana University); M.B.A.  
*Dissertation:* Factors Affecting the Selection and Use of University-Sponsored Executive Development Programs  
*Field of Specialization:* Business Administration
- Michael Lewis Dean, Cincinnati  
A.B. (University of Michigan); M.B.A.  
*Dissertation:* The Influence of Promotional Copy Claims on Consumer Attitudes toward Selected Products: An Empirical Study  
*Field of Specialization:* Business Administration
- Woodrow Steven Demmy, Fairborn  
B.I.E., M.S.  
*Dissertation:* Inventory Management Subject to Financial Constraints  
*Field of Specialization:* Industrial Engineering
- Daniel Zai-Foo Deng, Hsin-Chu, Taiwan  
B.S. (National Taiwan University); M.S.M.E. (Syracuse University)  
*Dissertation:* Dynamic Stability of a Cylindrical Shell in an Acoustic Medium  
*Field of Specialization:* Engineering Mechanics
- John David Dennis, Johnson City, N. Y.  
B.S.Ind.Eng. (University of Illinois); M.S.Ind.Eng. (Purdue University)  
*Dissertation:* Some Considerations in the Design of Computer Languages for Interactive Problem Solving  
*Field of Specialization:* Industrial Engineering
- Lila Egan Dennis, Columbus  
B.S. in Edu., M.A.  
*Dissertation:* Representational Competence of Young White Deaf and Hearing Children from Different Socio-Economic Backgrounds  
*Field of Specialization:* Psychology
- Walter Joseph Diewald, Columbus  
B.S.C.E. (University of Dayton); M.S.  
*Dissertation:* Investigation of a Combined Photographic and Computer Simulation Technique for Use in the Study of Isolated Intersections  
*Field of Specialization:* Civil Engineering
- John Franklin Disinger, Rochester, N. Y.  
B.S.Ed. (State Teachers College at Brockport); M.A.Ed. (University of Rochester)  
*Dissertation:* Student Development, Teacher Characteristics and Class Characteristics in Junior High School Science  
*Field of Specialization:* Education
- William Irving Dorfman, Scranton, Pa.  
B.S. (University of Scranton); M.A.  
*Dissertation:* A Factor Analytic Study of the Structure Underlying Ratings of Specified Person-Concepts  
*Field of Specialization:* Psychology
- Brian Richard Durbrow, Cincinnati  
B.B.A. (State University of Iowa); M.S. (Northern Illinois University)  
*Dissertation:* Inter-Firm Executive Mobility: An Empirical Study of Relationships, Comparisons, and Patterns  
*Field of Specialization:* Business Administration
- Lynn Alan Ebersole, Columbus  
A.B. (Wittenberg University); M.S.  
*Dissertation:* The Effects of Interactions of Longitudinal Vein Mutants with Selected Modifiers and Temperature in *Drosophila melanogaster*  
*Field of Specialization:* Genetics
- Victor Earl Edmonds, Columbus  
B.S.Ed. (University of Dayton); M.A.  
*Dissertation:* Definition of the Free Schools Movement in America, 1967-1971  
*Field of Specialization:* Education
- Frank Thomas Eggemeier, Covington, Ky.  
B.A. (University of Dayton); M.A.  
*Dissertation:* Multidimensional Encoding in Short-Term Memory  
*Field of Specialization:* Psychology
- Ram Mohan Engira, Ludhiana, India  
B.S.Elec.Eng. (Panjab University); M.S.  
*Dissertation:* A Study of the Magnetic Field Associated with Neuronal Activity in Nerve Bundles  
*Field of Specialization:* Electrical Engineering
- Clinton Allen Erb, North Syracuse, N. Y.  
B.M.E. (Clarkson College of Technology); M.S.Ed. (Syracuse University)  
*Dissertation:* A Formative Evaluation of an Experimental Teacher Education Project for Juniors in Mathematics Education at The Ohio State University  
*Field of Specialization:* Education
- Robert Kenneth Evans, Cincinnati  
B.Mus. (New England Conservatory of Music)  
*Dissertation:* The Early Songs of Sergei Prokofiev and Their Relation to the Synthesis of the Arts in Russia: 1890-1922  
*Field of Specialization:* Music
- James Walter Eyster, Canfield  
B.M.E., M.S.  
*Dissertation:* Optimal Self-Perpetuating Flow in a Closed-Loop Air Traffic Control Network  
*Field of Specialization:* Industrial Engineering
- Francis Afolabi Fajemirokun, Okeigbo, Nigeria  
B.S. (University of Nigeria); M.S.  
*Dissertation:* Application of New Observational Systems for Selenodetic Control  
*Field of Specialization:* Geodetic Science
- James Alvin Fannin, Lancaster  
B.S.Ed., M.A. (Ohio University)  
*Dissertation:* Some Aspects of Automobile Bodily Injury Liability Insurance, 1925-1968: A Study in Social Adjustment to Technical Change  
*Field of Specialization:* History
- Lynn Anderson Fanta, Cincinnati  
B.A., L.L.B.  
*Dissertation:* Crisis Ideology in American Social Thought: Its Implications and Impact upon Education  
*Field of Specialization:* Education

- Eston Christis Farrell, Jr., Columbus  
 B.A. (Eastern Nazarene College); M.S.  
*Dissertation:* The Partial Characterization of  
 Mitochondrial CPK and Its Release from Mitochondria: A  
 Background Study for the Understanding of Myocardial  
 Infarction  
*Field of Specialization:* Physiological Chemistry
- Jon J. Fauley, Roseville  
 B.S. in Phar.  
*Dissertation:* The Synthesis and Pharmacological  
 Evaluation of Certain Rigid and Non-Rigid Adrenergic  
 Agents  
*Field of Specialization:* Pharmacy
- Sister Camille Ference, Columbus  
 B.A. (Saint Xavier College); M.Educ. (University of  
 Toledo)  
*Dissertation:* Prediction of Creativity by Means of  
 Interest Measures  
*Field of Specialization:* Education
- Dale Leroy Ford, Columbus  
 B.S. in Phys., M.S.  
*Dissertation:* Line Parameters of  $N_2O$  near  $4.5 \mu m$   
 Determined from Absorption Spectra Obtained with a  
 Fabry-Perot Interferometer  
*Field of Specialization:* Physics
- Nancy Carolyn Fowler, Lima  
 B.S. in Edu., M.A.  
*Dissertation:* The Effects of Instrument Orientation and  
 Abstraction on Motor Response Time and Accuracy to  
 Slide Presentations of Oboe Fingerings  
*Field of Specialization:* Music
- Ruth Amelia Fox, Oakland, Md.  
 B.A., M.A.  
*Dissertation:* The Tangled Chain: The Structure of  
 Disorder in *The Anatomy of Melancholy*  
*Field of Specialization:* English
- Michele Fratianni, Bloomington, Ind.  
 B.A., M.A.  
*Dissertation:* Bank Credit Formation, Money Supply  
 Processes, and Monetary and Fiscal Policies in an Open  
 Economy: The Italian Experience, 1958-1969  
*Field of Specialization:* Economics
- Linda Sue Frey, Columbus  
 B.A., B.S. in Edu., M.A.  
*Dissertation:* Anglo-Prussian Relations, 1703-1708:  
 Thomas Wentworth, Baron Raby's Mission to Berlin  
*Field of Specialization:* History
- Marsha Lee Frey, Columbus  
 B.A., B.S. in Edu., M.A.  
*Dissertation:* Austria's Role as an Ally of the Maritime  
 Powers during the Early Years of the War of the Spanish  
 Succession, 1701-1706  
*Field of Specialization:* History
- John A. Friel, Columbus  
 B.M.E. (Stevens Institute of Technology); M.B.A.  
 (University of Southern California)  
*Dissertation:* A Methodology for the Analysis of the  
 Interdiction of a Primitive Logistic System  
*Field of Specialization:* Industrial Engineering
- Edward Kunio Fujimoto, Honolulu, Hawaii  
 B.A., M.A. (University of Hawaii)  
*Dissertation:* The Comparative Communicative Power of  
 Verbal and Nonverbal Symbols  
*Field of Specialization:* Speech
- Jean Paul Gagnon, Storrs, Conn.  
 B.S.Pharm., M.S. (University of Connecticut)  
*Dissertation:* An Examination of the Effect of Pharmacy  
 Operating Characteristics, Drug Classification and  
 Method of Payment on the Gross Margins of Prescription  
 Drugs  
*Field of Specialization:* Pharmacy
- Roger Michael Glaser, Laurelton, N. Y.  
 B.A., M.S.Ed. (Queens College)  
*Dissertation:* Metabolism of Exercised and Cold Stressed  
 Mice during and following Hypoxia and Hyperoxia  
*Field of Specialization:* Physical Education
- Joan Irene Glazer, Columbus  
 B.S. in Edu., M.A.  
*Dissertation:* The Development of the *Glazer Narrative*  
*Composition Scale*  
*Field of Specialization:* Education
- Karen Kircher Glendenning, Columbus  
 B.S. (University of Washington); M.A.  
*Dissertation:* The Effects of Septal and Amygdaloid  
 Lesions on Social Behavior of the Cat  
*Field of Specialization:* Psychology
- Robert Lewis Glendenning, Columbus  
 B.S., M.A.  
*Dissertation:* Effects of Training between Two Unilateral  
 Lesions of Visual Cortex in Sparing Black-White  
 Discrimination Habits  
*Field of Specialization:* Psychology
- James Douglas Glore, Detroit  
 B.S. (University of Michigan)  
*Dissertation:* The Physical and Chemical Properties of  
 Bis-( $\mu$ -Dimethylamino) Bis- $\mu$ -Dihydrid-octamethyl-  
 traalane  
*Field of Specialization:* Chemistry
- Lillie Beasley Glover, Columbus  
 B.S. (South Carolina State College); M.A. (New York  
 University)  
*Dissertation:* Concepts, Generalizations, and Behavioral  
 Objectives: Feasibility of Mini Conference Instruction  
 for Secondary Teachers  
*Field of Specialization:* Home Economics
- Sonia Kovitz Gotman, Columbus  
 B.A., M.A.  
*Dissertation:* Cexov's Use of Irony in His Fiction  
*Field of Specialization:* Slavic Languages and Literature
- Robert William Gotshall, Carrollton  
 B.S. (Mount Union College); M.S.  
*Dissertation:* Water and Electrolyte Metabolism in  
 Adrenalectomized-nephrectomized Rats and the Effects of  
 Adrenalcortical Hormone Replacement  
*Field of Specialization:* Physiology

- John Jay Graening, Elgin, Ill.  
A.B. (Knox College); A.M. (Rutgers University)  
*Dissertation:* An Evaluation of a Secondary Mathematics Teacher Education Program Emphasizing School Experiences in Contrasting Cultural Settings  
*Field of Specialization:* Education
- Mildred Wines Graham, Columbus  
B.S.H.E. (West Virginia University); M.A.  
*Dissertation:* Development of an Inservice Program for Geology Teaching Assistants to Reduce Role Conflict and to Improve Teaching Skills  
*Field of Specialization:* Education
- Arthur Edward Greene, Montclair, N. J.  
B.S.  
*Dissertation:* A Study of SC Stars  
*Field of Specialization:* Astronomy
- Glenda Ruth Williams, Columbus  
B.A. (Otterbein College); M.S. (Ohio University)  
*Dissertation:* Cardio Respiratory Responses during Exercise as Related to Females of Different Training Levels  
*Field of Specialization:* Physical Education
- Ashok Kumar Gumbhir, Chandigarh, India  
B.Pharm. (Panjab University); M.S. (University of Minnesota)  
*Dissertation:* The Determination and Evaluation of the Economic Significance of the Consumer Price Differentials between Generic and Brand Name Prescriptions  
*Field of Specialization:* Pharmacy
- John Duncan Gunner, Winchester, England  
B.A. (New College, Oxford University)  
*Dissertation:* Age and Origin of the Nimrod Group and of the Granite Harbour Intrusives, Beardmore Glacier Region, Antarctica  
*Field of Specialization:* Geology
- Raymond Michael Haines, New Carlisle  
A.B. (Hiram College); M.A.  
*Dissertation:* Fortune, Nature, and Grace in Chaucer's *Canterbury Tales*  
*Field of Specialization:* English
- John Raymond Hall, III, Pekin, Ill.  
B.S., M.S. (University of Illinois)  
*Dissertation:* The Effect of Phosphorus, Season, and Method of Sampling on Foliar Analysis, Mineral Depletion, and Yield of Merion Kentucky Bluegrass  
*Field of Specialization:* Agronomy
- John Wesley Hall, Pendleton, S. C.  
A.B. (Morris College); M.A.  
*Dissertation:* The Effects of Supportive Services for Disadvantaged College Students  
*Field of Specialization:* Education
- John Dwight Harder, Fort Collins, Colo.  
B.A. (Hastings College); M.S. (Colorado State University)  
*Dissertation:* The Application of an Antifertility Agent in the Control of a White-Tailed Deer Population  
*Field of Specialization:* Zoology
- Earl August Hartzler, Smithville  
B.A. (College of Wooster)  
*Dissertation:* Nuclear Magnetic Resonance Spin Echoes in Solid H<sub>2</sub>  
*Field of Specialization:* Physics
- Thomas Clark Hatcher, Mt. Morris, Pa.  
B.S. in El.Ed., A.M. (West Virginia University)  
*Dissertation:* The Development of Comprehension Skills in Selected Basal Readers  
*Field of Specialization:* Education
- James Cummins Hazlett, Wheeling, W. Va.  
B.A. (Kenyon College); M.S. (Medical College of Georgia)  
*Dissertation:* Ascending Spinal Projections to the Cerebellum, Brainstem and Diencephalon in the American Opossum, *Didelphis marsupialis virginiana*  
*Field of Specialization:* Anatomy
- Linda Dondero Hazlett, Wheeling, W. Va.  
B.S. (Saint Mary's College, Indiana); M.S. (Medical College of Georgia)  
*Dissertation:* Short Term Effects of Actinomycin D and Nitrogen Mustard on Murine Lymphocytic Leukemia P388  
*Field of Specialization:* Anatomy
- Janet Craig Hedgesheimer, Columbus  
B.A. (Coe College); M.A.  
*Dissertation:* A Computer-Based Management and Education Information System for Counselor Education  
*Field of Specialization:* Education
- Ronald Nelson Helms, Peoria, Ill.  
B.Arch., M.S. (University of Illinois)  
*Dissertation:* Evaluation of the Visual Effectiveness of Selected Luminous Environments by the RCS Method  
*Field of Specialization:* Biophysics
- Samuel Thompson Henderson, Athens  
B.S. (Ohio University); M.A.  
*Dissertation:* A Study of Processes for Selecting School Superintendents  
*Field of Specialization:* Education
- Paul Wilson Henshaw, Columbus  
B.A. (Adrian College); M.Div. (Methodist Theological School in Ohio); M.A.  
*Dissertation:* The Development of a Projective Technique for Analyzing the Interpersonal Needs of Kindergarten Children  
*Field of Specialization:* Education
- James Tromp Heringer, Jr., Worthington  
A.B. (Harvard University)  
*Dissertation:* Some Grammatical Correlates of Felicity Conditions and Presuppositions  
*Field of Specialization:* Linguistics
- Charles Jefferson Hicks, Jr., Columbus  
B.S.Ed. (Central State College); M.A.  
*Dissertation:* The Effects of Short-Term Group Counseling on the Interpersonal Behaviors of Urban Teacher Education Students  
*Field of Specialization:* Education

- Joyce Patricia Webb Hicks, Columbus  
B.S. (Fort Valley State College); M.S. in L.S. (Atlanta University)  
*Dissertation*: A Study of the Effectiveness of Self-Conceptual Development and Academic Tutoring on the Achievement of Inner-City Youths  
*Field of Specialization*: Education
- Tatsuo Higa, Nago, Okinawa  
B.E. (Yokohama National University); M.S.  
*Dissertation*: Investigation of the Oxidations Effected by Thionyl Chloride  
*Field of Specialization*: Chemistry
- Charles H. Hircocok, Columbus  
B.A.Ed., M.S.Ed. (Nebraska State Teachers College)  
*Dissertation*: Charlie Hayse Foster: His Life and Contributions to Physical Education, Athletics, and Students  
*Field of Specialization*: Physical Education
- Ellen Rozelle Hock, Columbus  
B.S. in Edu., M.A.  
*Dissertation*: Cardiac Response of Premature and Full Term Neonates to Auditory and Tactile Stimulation  
*Field of Specialization*: Psychology
- James Milton Hodges, Westerville  
B.S. (Northeastern State College); M.S. (University of Southern California)  
*Dissertation*: Estimation of Pentose Cycle Activity from the Degree of Recycling in Human Erythrocytes and Leukocytes  
*Field of Specialization*: Pathology
- Bruce Lynn Hollering, Columbus  
B.S. in Edu. (Ohio Northern University); M.A. (Kent State University)  
*Dissertation*: Metabolic Energy Sources as Affected by a Seven-Week Program of Interval Training  
*Field of Specialization*: Physical Education
- Sandra Jo Hornick, Kent  
B.S. in Edu., M.Ed. (Bowling Green State University)  
*Dissertation*: A Study of Teachers' Use of Recommended Directed Reading Activities  
*Field of Specialization*: Education
- Carl Leonidas Housmyer, Columbus  
B.S.  
*Dissertation*: Spectroelectrochemical Instrumentation and Apparatus for Studies of Solutions Flowing through the Tubular Electrode  
*Field of Specialization*: Pharmacy
- Paul Daniel Jachimiak, Lima  
B.Chem.E. (University of Detroit); M.S.  
*Dissertation*: Time-Dependent, Non-Newtonian Behavior of Viscoelastic Materials  
*Field of Specialization*: Chemical Engineering
- Jean Anthony Jochenning, Columbus  
A.B., M.A. (Fordham University)  
*Dissertation*: The Rhetoric of Self-Vindication, 1950-1970  
*Field of Specialization*: Speech
- Chester George Jones, Kettering  
B.M.E. (Syracuse University); M.S. in E.E. (University of Illinois)  
*Dissertation*: Attrition of Bombers as a Function of Weapon Load and Grouping of the Airborne Defense  
*Field of Specialization*: Industrial Engineering
- Charles William Keller, Delaware  
B.A. (Hamline University); M.Mus. (University of Michigan)  
*Dissertation*: The Piano Sonatas of Nicholas Medtner  
*Field of Specialization*: Music
- Encil Glen Keyser, Columbus  
B.S. in Agr.; M.S. (University of Arkansas)  
*Dissertation*: Teratogenic Effects of Antimetabolites in the Chick Embryo and Their Relation to Physical and Chemical Properties of Tissue Proteins  
*Field of Specialization*: Poultry Science
- Sue Wilson Kirkpatrick, West Liberty  
B.S. in H.E., M.S.  
*Dissertation*: Adjustment to Parenthood: A Structural Model  
*Field of Specialization*: Home Economics
- Frederick William Kleinhans, Granville  
B.S. (University of Michigan)  
*Dissertation*: Electron Paramagnetic Resonance in Mg-Mn  
*Field of Specialization*: Physics
- Jaqueline Agnew Kleinman, Columbus  
B.A.  
*Dissertation*: Public/Private — The Education of Soren Kierkegaard  
*Field of Specialization*: Philosophy
- Allen Richard Kraska, Columbus  
B.S.  
*Dissertation*: The Rearrangement of 2-Methylbenzylidene; Steric and Electronic Effects in Alkyl Migrations to Divalent Carbon  
*Field of Specialization*: Chemistry
- Burton Jay Krohn, Nashville, Tenn.  
B.S. (Vanderbilt University); M.S.  
*Dissertation*: Calculation of Vibration-Rotation Energies of Diatomic Molecules to Sixth Order of Approximation and Bent Symmetrical XY<sub>2</sub> Triatomic Molecules to Fourth Order by an Improved Systematic Perturbation Procedure  
*Field of Specialization*: Physics
- Marion David Kunkel, Cincinnati  
B.A., M.A. (Xavier University)  
*Dissertation*: Inquiry in the Secondary English Class  
*Field of Specialization*: Education
- Omkar Nath Kunzru, Bikaner, India  
B.S., B.V.S. and A.H. (University of Rajputana); M.S. (Michigan State University)  
*Dissertation*: Role of the Area Extension Agents in Program Development as Perceived by Selected Extension Personnel  
*Field of Specialization*: Agricultural Education

- Mohammed Yousof Kurmally, Mauritius  
B.A. (University of New Brunswick) ; M.A.  
*Dissertation*: Martial's Attitude towards Women  
*Field of Specialization*: Classics
- Robert Henry Lavelly, Terre Haute, Ind.  
B.A., M.S. (Indiana State Teachers College)  
*Dissertation*: An Investigation Comparing Primary Mental Abilities of Trainable Mentally Retarded Children, Educable Mentally Retarded Children, and Normal Children with Comparable Mental Ages  
*Field of Specialization*: Education
- Joe Lee, Taipei, Taiwan  
B.S. Engr. (National Taiwan University) ; M.E. (Seato Graduate School of Engineering)  
*Dissertation*: The Multi-Linear Speed-Density Relationship and Its Immediate Applications  
*Field of Specialization*: Civil Engineering
- Phyllis Koran Leffler, Alexandria, Va.  
B.A. (Queens College of the City University of New York) ; M.A. (University of Sussex)  
*Dissertation*: *L'Histoire Raisonnée*: A Study of French Historiography, 1660-1720  
*Field of Specialization*: History
- Ronald Raymond Lentz, Columbus  
B.E.E., M.S.  
*Dissertation*: A Numerical Study of Electromagnetic Scattering from Ocean-Like Surfaces  
*Field of Specialization*: Electrical Engineering
- Chii-fa Lin, Hsin-Chu, Taiwan  
B.S. in Agr. (National Taiwan University) ; M.S.  
*Dissertation*: The Casein Stabilizing Function of Sulfated Hydrocolloids  
*Field of Specialization*: Dairy Technology
- Billy Lee Lockman, San Diego, Calif.  
A.B., B.S. (San Diego State College) ; M.S.  
*Dissertation*: Reactions between Alkali Metals and Pentaborane-9, A Preliminary Investigation  
*Field of Specialization*: Chemistry
- Chalsa Mary Loo, Honolulu, Hawaii  
A.B. (University of California at Berkeley) ; M.A.  
*Dissertation*: The Effects of Spatial Density on the Social Behavior of Children  
*Field of Specialization*: Psychology
- Doris Liechty Lora, Toledo  
B.S.Ed. (Bluffton College) ; M.A.  
*Dissertation*: The Perception of the Motive in the Bach Chorale Preludes  
*Field of Specialization*: Music
- Alan Searing Loxterman, Columbus  
B.A. (Kenyon College) ; M.A. (University of Chicago)  
*Dissertation*: The Giant's Foot: A Reading of *Wuthering Heights*  
*Field of Specialization*: English
- John Howard Lucy, Farmington, Pa.  
B.S.Ed. (State Teacher's College at California, Pennsylvania) ; A.M. (West Virginia University)  
*Dissertation*: A Descriptive Study of Emergency Teacher Certification Programs in Industrial Arts Education in Ohio and Related Programs throughout the United States  
*Field of Specialization*: Education
- Oliver Reese Lumpkin, Savannah, Ga.  
B.S. (Fort Valley State College) ; M.Ed. (Tuskegee Institute)  
*Dissertation*: Characteristics of Disadvantaged Rural Youth in Southern Secondary Schools  
*Field of Specialization*: Agricultural Education
- Jesse Lynch Lynn, Jr., Charlottesville, Va.  
B.S. (Davidson College)  
*Dissertation*: Bifunctional Catalysis of  $\alpha$ -Hydrogen Exchange in Isobutyraldehyde-2-d by 1-Dimethylamino-8-Amino-2-Octyne  
*Field of Specialization*: Chemistry
- David George Mader, Worthington  
B.S. (Marion College) ; M.S.  
*Dissertation*: A Study of Strategies for Selection of Students for Individually Paced Sections of a College Mathematics Course  
*Field of Specialization*: Education
- Jack Roger Manischewitz, West Orange, N. J.  
A.B., M.S. (Rutgers College)  
*Dissertation*: A Numerical Phenetic Study of the Snake Mites of the Family Ixodorhynchidae (Acari: Mesostigmata)  
*Field of Specialization*: Entomology
- Kurt Myron Marshek, Clintonville, Wis.  
B.S.M.E., M.S.M.E. (University of Wisconsin)  
*Dissertation*: Invariance Analysis: Advances and Applications  
*Field of Specialization*: Mechanical Engineering
- Alexander Robert Martin, Delaware  
B.S. in Agr., M.S.  
*Dissertation*: Bud Dormancy in Canada Thistle as Influenced by Shoot Excision and Plant Hormones  
*Field of Specialization*: Agronomy
- John Stuart Martin, Columbus  
B.A., M.A.  
*Dissertation*: Clarifying the Semantic and Grammatical Characteristics of the Non-Countable Noun through Classification, Comparison and Vocabulary  
*Field of Specialization*: Education
- Samuel Albert Martin, Wayland, Mass.  
B.S. in Met. E. (Lafayette College)  
*Dissertation*: A Study of the Effect of Copper Concentration and Heat Treatment on the Structure and Hardness of CD-4MCu Stainless Steel  
*Field of Specialization*: Metallurgical Engineering
- Morris Glen Mast, Ephrata, Pa.  
B.S.Ed. (Goshen College) ; M.S.  
*Dissertation*: Influence of the Growth of Psychrophilic Microorganisms on the Flavor and Selected Chemical Components of Chicken Meat  
*Field of Specialization*: Poultry Science
- Joseph Sylvester Matney, Grundy, Va.  
B.S. (Virginia Polytechnic Institute) ; M.S.  
*Dissertation*: Some Descriptive Models of Single Facility Sequencing with Interactive Service Times  
*Field of Specialization*: Industrial Engineering

- Sister Patricia Alice McCabe, Princeton, N. J.  
B.A. (Albertus Magnus College); M.A. (Catholic University of America)  
*Dissertation: Interactions among Microbial Cells, Enzymes, Substrates and Clay Minerals*  
*Field of Specialization: Microbiology*
- Clair Wylie McClure, Mercer, Pa.  
B.S. (Thiel College); M.A.  
*Dissertation: Effectiveness of Mathematics Laboratories for Eighth Graders*  
*Field of Specialization: Education*
- James Michael McCormack, Westerville  
B.S.Mech.Eng. (University of Rochester); M.S. (Air Force Institute of Technology)  
*Dissertation: The Determination of Thermodynamic Properties by Mass Spectrometry in the Ni-Co, Co-Cr, Ni-Cr and Ni-Co-Cr Systems*  
*Field of Specialization: Metallurgical Engineering*
- Joseph Lee McCullough, Yeadon, Pa.  
B.A. (Villanova University); M.A.  
*Dissertation: The Use of a Measure of Net Counterargumentation in Differentiating the Impact of Persuasive Communications*  
*Field of Specialization: Psychology*
- Dennis Neil McFadden, Columbus  
B.A., M.A.  
*Dissertation: Cognitive Theory as Related to Psychometric Factors of Intelligence*  
*Field of Specialization: Psychology*
- James Calvin McFeeley, Shiloh  
B.S.Ed. (Otterbein College); M.S. (Ohio University)  
*Dissertation: Studies on Phyllosticta Diseases of Corn in Ohio*  
*Field of Specialization: Plant Pathology*
- Ronald Leon McIntyre, Cleveland  
B.A., M.A. (Brigham Young University)  
*Dissertation: Managerial Roles in Public Television and Academic Subjects Applicable to Role Fulfillment*  
*Field of Specialization: Speech*
- Judith Asbell McMillen, Columbus  
B.M. (DePauw University); M.S. (Purdue University)  
*Dissertation: A Feasibility Study of a Self-Paced, Performance-Based, Laboratory-Centered Music Fundamentals Course for Prospective Elementary Classroom Teachers*  
*Field of Specialization: Education*
- Bruce Alan McNair, Cambridge  
B.A., B.S.Ed. (Bowling Green State University); M.Ed. (Wittenberg University)  
*Dissertation: Freedom of Choice for Students in the Primary School*  
*Field of Specialization: Education*
- Keith Eugene Meske, Columbus  
B.A., M.A. (Kent State University)  
*Dissertation: The Effects of Hyperoxia and Hypoxia on Spontaneous Avian Atherosclerosis*  
*Field of Specialization: Physiology*
- David Melvin Mickelson, Worcester, Mass.  
B.A. (Clark University); M.S. (University of Maine)  
*Dissertation: Glacial Geology of the Burroughs Glacier Area, Southeastern Alaska*  
*Field of Specialization: Geology*
- James Russell Miller, Columbus  
B.S. in Agr., M.S.  
*Dissertation: A Theoretical Model to Improve the Extension Education Outreach of The Ohio State University; Utilizing Marketing, Behavioral, Business, Management, and Systems Concepts*  
*Field of Specialization: Agricultural Education*
- Larry Reed Miller, Columbus  
B.S.Ed., M.Ed. (Bowling Green State University)  
*Dissertation: The Comparison of the Cognitive Achievement and Affective Behavior of Students Enrolled in the Industrial Arts Curriculum Project Program with Students Enrolled in Conventional Industrial Arts Programs*  
*Field of Specialization: Education*
- Randall Martin Miller, Chicago, Ill.  
A.B. (Hope College); M.A.  
*Dissertation: The Cotton Mill Movement in Antebellum Alabama*  
*Field of Specialization: History*
- Richard Earl Miller, Westerville  
B.A. (Capital University); M.A.  
*Dissertation: The Nonrenewal of Untenured Teacher Contracts: Trends, Practices, and Implications for the Practice of Educational Administration*  
*Field of Specialization: Education*
- Robert Christopher Miller, New Concord  
B.S. (University of Nebraska); M.S.  
*Dissertation: Chromosome Abnormalities in 16 to 18 Hour Chick Embryos: A Study of Incidence and Modes of Origin*  
*Field of Specialization: Dairy Science*
- Stuart Jerome Miller, Westerville  
B.S. in Agr., M.A.  
*Dissertation: Post-Institutional Adjustment of 443 Consecutive TICO Releasees*  
*Field of Specialization: Sociology*
- Wesley Carrol Miller, Columbus  
B.S. (Central Michigan College); M.A.  
*Dissertation: Education and the Emerging Humanist Movement*  
*Field of Specialization: Education*
- Stephen Joseph Milles, Buffalo, N. Y.  
B.S. (West Chester State College); M.A. (Villanova University)  
*Dissertation: The Effect in Beginning Calculus of Homework Questions that Call for Mathematical Verbalization*  
*Field of Specialization: Education*
- Charles William Minshall, Columbus  
B.S. in Edu., M.A.  
*Dissertation: A Model of Residential Site Selection: The Jewish Population of Columbus, Ohio*  
*Field of Specialization: Geography*

- Ralph Ishman Mitchell, Columbus  
B.Ch.E., M.S.  
*Dissertation*: Aerosol Retention in the Lungs as a Function of Respiration Rate and Particle Size  
*Field of Specialization*: Agricultural Engineering
- Gene Allen Mittler, Elyria  
B.S.Ed., M.F.A. (Bowling Green State University)  
*Dissertation*: Utilizing Counterattitudinal Role Playing and Inconsistency as an Instructional Strategy in Art Criticism  
*Field of Specialization*: Art Fashion
- Mansour Mohammadian, Tehran, Iran  
M.S. (University of New Hampshire)  
*Dissertation*: Phenotypic Variation Attributable to the Dwarf Allele, *dw*, in Broiler Populations of the Domestic Powl  
*Field of Specialization*: Poultry Science
- Ram Mohan, Patna, Bihar, India  
B.V.Sc. and A.H. (Magadh University); M.S.  
*Dissertation*: Studies of the Morphology and Survival Characteristics of Erythrocytes from Mice and Rats with *Plasmodium berghei* Infection  
*Field of Specialization*: Microbiology and Cellular Biology
- William Shepherd Moore, II, Houston, Tex.  
B.A. (Texas Agricultural and Mechanical University); M.A.  
*Dissertation*: A General Linear Programming Model of the Manufacturing Firm  
*Field of Specialization*: Economics
- Robert Earl Mosier, Trenton, N. J.  
B.A. (Trenton State College); M.Ed. (University of Illinois)  
*Dissertation*: Avoidance of Failure as a Life Style  
*Field of Specialization*: Psychology
- Ronald Rodney Mourant, Columbus  
B.A., M.A. (University of Florida)  
*Dissertation*: Strategies of Visual Search by Novice and Experienced Drivers  
*Field of Specialization*: Industrial Engineering
- Robert William Mullen, Newton, Mass.  
B.S., M.S. (Emerson College)  
*Dissertation*: An Analysis of the Issues Developed by Select Black Americans on the War in Vietnam  
*Field of Specialization*: Speech
- Joseph Norman Murray, Vermilion  
B.Educ., M.Educ. (University of Toledo)  
*Dissertation*: The Effects of Ritalin and Dexedrine upon Certain Behavioral Characteristics of Overactive Youngsters as Perceived by Parents and Teachers  
*Field of Specialization*: Education
- John Alexander Negulesco, Columbus  
A.B. (Western Reserve University); M.A. (Kent State University)  
*Dissertation*: Fracture Healing of Long Bones in Normal and Hypophysectomized Young Chickens under ACTH and Estrogen Treatment  
*Field of Specialization*: Anatomy
- Lynn Dwayn Nelson, Columbus  
B.A. (Abilene Christian College); M.A. (University of Alabama)  
*Dissertation*: The Orientational Function of Religion: An Empirical Investigation of Religion and Helping Action  
*Field of Specialization*: Sociology
- Eze Ogbueri Ajoku Nwala, Port Harcourt, Nigeria  
B.A.Hons. (University of Durham, Fourah Bay College, University College of Sierra Leone); M.A. (University of Ottawa)  
*Dissertation*: Spatial Patterns of Institutional Innovations within a Modernizing Society  
*Field of Specialization*: Geography
- Keith Ryan Nyland, Brooklyn  
B.A. (Baldwin-Wallace College); M.A.T. (University of Chicago)  
*Dissertation*: Doctor Thomas Walker (1715-1794) Explorer, Physician, Statesman, Surveyor and Planter of Virginia and Kentucky  
*Field of Specialization*: History
- Charles Evan Oberly, Columbus  
B.S.  
*Dissertation*: The Effect of Heat Current Modulation on the Velocity Fields and the Critical Reynolds Number in Helium II  
*Field of Specialization*: Physics
- Phillip Nash Ogburn, Hilliard  
D.V.M. (Washington State University)  
*Dissertation*: Right Ventricular Free Wall Excitation in the Goat with Experimental Right Ventricular Hypertrophy  
*Field of Specialization*: Veterinary Physiology and Pharmacology
- Reginald Dennis Olson, Kingston, Ill.  
B.A.; B.D. (Garrett Theological Seminary); M.A.  
*Dissertation*: Ministers on the Moon: Clergy Attitudes toward the Space Program  
*Field of Specialization*: Sociology
- Jack Douglas Osman, Greenbelt, Md.  
B.S. (West Chester State College); M.A. (University of Maryland)  
*Dissertation*: The Feasibility of Using Selected Value Clarifying Strategies in a Health Education Course for Future Teachers  
*Field of Specialization*: Physical Education (Health Education)
- Leslie John Palkuti, Jr., Columbus  
B.E.E., M.S.  
*Dissertation*: Analysis of the Radiation Induced Degradation in Lateral PNP Transistors  
*Field of Specialization*: Electrical Engineering
- Haim Benzion Papo, Haifa, Israel  
B.S., M.S. Civil Engin. (Technion Israel Institute of Technology)  
*Dissertation*: Optimal Selenodetic Control  
*Field of Specialization*: Geodetic Science

- Carmen Robert Parkhurst, Columbus  
B.S. in Agr., M.S.  
*Dissertation*: The Information Sources and Educational Needs of Commercial Poultrymen in Ohio  
*Field of Specialization*: Agricultural Education
- George Edward Parsons, Rochester, N. Y.  
B.S.Ed. (Indiana University)  
*Dissertation*: An Application of John Holland's Vocational Theory to an Empirical Study of Occupational Mobility of Men age 45-59  
*Field of Specialization*: Education
- Mohamad H. Parvand, Teheran, Iran  
B.S., M.Ed. (Central State University)  
*Dissertation*: A Study of Children's Acquisition of Piagetian Concepts  
*Field of Specialization*: Education
- Nellie Katherine Patson, Winnipeg, Man., Canada  
B.S., (University of Manitoba); M.S. (Iowa State University)  
*Dissertation*: Clothing Adequacy of Children Six to Eleven Years Old in Low Income Families  
*Field of Specialization*: Home Economics
- Joe Howard Payer, Columbus  
B.Met.E.  
*Dissertation*: The Dissolution Behavior of Carbides in Aqueous Environments  
*Field of Specialization*: Metallurgical Engineering
- Richard Alex Perkins, Milford, Ill.  
B.S. in Met. Engr. (University of Missouri at Rolla)  
*Dissertation*: The Diffusion of Chromium in Nickel Oxide  
*Field of Specialization*: Metallurgical Engineering
- Samuel Joseph Pezzillo, Birmingham, Ala.  
B.A. (Duquesne University)  
*Dissertation*: A Study of New Manuscripts of the *De Providentia* of Lucius Annaeus Seneca  
*Field of Specialization*: Classics
- Eswaral Gopaldas Phadia, Hyderabad, India  
B.A. (Osmania University); M.A. (Karnatak University); M.S.  
*Dissertation*: On Estimation of a Cumulative Distribution Function  
*Field of Specialization*: Statistics
- Walter Stephen Phelan, Columbus  
A.B. (Pontifical College Josephinum); M.A.  
*Dissertation*: The Conflict of Courtly Love and Christian Morality in John Gower's *Confessio Amantis*  
*Field of Specialization*: English
- Ernest Edward Phelps, Vermillion, S.D.  
B.A., M.A. (Emerson College)  
*Dissertation*: The Office of Communication: The Participant Advocate — Its Functions as a Broadcast Citizen Group, March 1964 to March 1971  
*Field of Specialization*: Speech
- Joel Smith Poetker, Jackson  
B.A. (Muskingum College); M.A.T. (Miami University)  
*Dissertation*: The Curricular Appropriateness of the Social Studies Test Items Included in College Admission Examinations  
*Field of Specialization*: Education
- Dorothy Elaine Steingarten Pressman, Columbus  
B.A. (University of Manitoba); M.A.  
*Dissertation*: Phonemic, Syllabic, and Lexical Values Associated with Hesitations  
*Field of Specialization*: Speech
- Franklin Naveda Proano, Westerville  
Ledo, Ledo, Doct. (Catholic University of Ecuador)  
*Dissertation*: Posibilidades Pluralisticas del Yo en los Personajes Literarios de Leopoldo Alas, "Clarín"  
*Field of Specialization*: Romance Languages
- Terence John Quinn, Albert Park, Australia  
B.A. (University of Melbourne); M.A. (Monash University)  
*Dissertation*: Toward a Pedagogical Grammar of the French Tense System: A Linguistic Analysis of Some Current Teaching Materials and Guidelines for Their Improvement  
*Field of Specialization*: Education
- Gene Edward Rapp, Davis, Calif.  
B.S., M.Ed. (University of California at Davis)  
*Dissertation*: Perceptions of the Role of an Agricultural Technician  
*Field of Specialization*: Agricultural Education
- Omkar Singh Rathore, Rajasthan, India  
B.S.Agr., M.S.Agr. (University of Rajasthan); M.S.  
*Dissertation*: Adoption of Extension Innovations among Selected Personnel in the Ohio Cooperative Extension Service  
*Field of Specialization*: Agricultural Education
- Dean Howell Reber, Rock Hill, S.C.  
B.S.Ch.E. (North Carolina State College); M.S.  
*Dissertation*: A Mathematical Model for Predicting Dynamic Behavior of a Plasticating Extruder  
*Field of Specialization*: Chemical Engineering
- William Leo Rettig, Indiana, Pa.  
B.S.Ed. (California State College, Pennsylvania); M.S.  
*Dissertation*: Views of Mathematics Held by a Selected Group of Secondary Mathematics Teachers in Pennsylvania  
*Field of Specialization*: Education
- Barry Lovell Richardson, Canton  
A.B. (Ohio University)  
*Dissertation*: Effects of X-Rays on the Free Amino Acid Concentration of the Hemolymph during the Last Larval Instar of the Wax Moth, *Galleria mellonella* (L.)  
*Field of Specialization*: Zoology
- Rayman Paul Richardson, Mexico, Mo.  
B.A. (Central Methodist College); M.S.T. (University of Missouri)  
*Dissertation*: Development and Use of the *SCI Inventory* to Measure Upper Elementary School Children's Scientific Curiosity and Interests  
*Field of Specialization*: Education
- Victor Lee Riemenschneider, Grove City  
B.S. in Agr., M.S.  
*Dissertation*: The Energy Environment and Survival of Chestnut Oak Seedlings in Four Plant Communities in Neotoma, a Small Valley in Southcentral Ohio  
*Field of Specialization*: Botany

- Lawrence Edward Riley, Sarasota, Fla.  
B.A. (Penn College); M.A. (Western Reserve University)  
*Dissertation*: Infant Mortality in the United States: A Sociological Analysis  
*Field of Specialization*: Sociology
- Kathleen Alice Rohaly, Pittsburgh, Pa.  
B.S. in H.Ed. (Lock Haven State Teachers College); M.S. (Pennsylvania State University)  
*Dissertation*: The Relationships between Movement Participation, Movement Satisfaction, Self-Actualization, and Trait Anxiety in Selected College Freshmen Women  
*Field of Specialization*: Physical Education
- Darrell Keith Root, Columbus  
B.S. in Edu. (Miami University); M.Edu.  
*Dissertation*: Educational Evaluation Training Needs of Superintendent of Schools  
*Field of Specialization*: Education
- Martha James Root, Lewisburg, Pa.  
B.A. (Miami University); M.A.  
*Dissertation*: Celtic Motifs in the Provençal Arthurian Romance, *Jaufre*: The Grail Legend before Perceval  
*Field of Specialization*: Romance Languages
- Annette Tannenholz Rosenblum, Flushing, N. Y.  
B.S. (Queens College); M.S. (University of Rochester)  
*Dissertation*: Problems in Conformational Analysis  
*Field of Specialization*: Chemistry
- Lawrence Jay Rosenblum, Little Neck, N. Y.  
B.A. (Queens College); M.S.  
*Dissertation*: Minkowski Convergents and the Product of Three Linear Homogeneous Forms  
*Field of Specialization*: Mathematics
- Barbara Rak Rosso, Columbus  
B.S. in Educ. (Kent State University); M.Ed. (Colorado State University)  
*Dissertation*: The Relationship between Knowledge of Word Recognition Generalizations and Reading Achievement  
*Field of Specialization*: Education
- Louis John Rosso, Columbus  
B.S. in Ed., M.A. (Kent State University)  
*Dissertation*: The Effects of Social and Token Response Contingent Consequences on the Modification of a Functional Articulatory Error  
*Field of Specialization*: Speech
- Earl Bell Russell, New Lenox, Ill.  
B.S. (University of Tennessee); M.S. (University of Illinois)  
*Dissertation*: Development of an Instrument to Measure the Change Orientation of Vocational Teachers  
*Field of Specialization*: Agricultural Education
- Otto Santos, Jr., Mayfield Heights  
B.S. (John Carroll University); M.Ed. (Kent State University)  
*Dissertation*: The Applicability of Innovative Business In-Service Teaching Methods, Techniques, and Devices to the In-Service Training of Business Education Teachers  
*Field of Specialization*: Education
- Donald T. Saposnek, Los Angeles, Calif.  
B.A. (University of California); M.A. (San Jose State College)  
*Dissertation*: A Developmental Study of Children's Sensitivity to Emotional Expressiveness of Adults  
*Field of Specialization*: Psychology
- August Bernard Scheid, St. Louis, Mo.  
B.A. (Cardinal Glennon College); Ed.M. (Saint Louis University)  
*Dissertation*: Levels of the Facilitative Core Conditions and Status of Counselor Introduction as Critical Variables in Client Perceptions of the Counselor  
*Field of Specialization*: Psychology
- Elinor Agnes Scheirer, Bethlehem, Pa.  
B.A. (Chatham College); M.A.  
*Dissertation*: Language Study in the Emerging School Curriculum: Criteria for Program Development  
*Field of Specialization*: Education
- \*Joseph Hugo Schlotterer, Crestline  
B.S.Ed. (University of Dayton); M.S.Ed. (Indiana)  
*Dissertation*: Identification of Influentials in Decision-Making within the Superintendent's Cabinet  
*Field of Specialization*: Education
- James Edward Schultz, Shorewood, Wis.  
B.S. (University of Wisconsin); M.S.  
*Dissertation*: Approaches to Teaching Mathematics Content to Prospective Elementary Teachers  
*Field of Specialization*: Education
- Robert Adolph Schulz, Jr., West Long Branch, N. J.  
B.A. (Saint Vincent College); B.S.M.E. (University of Notre Dame); M.B.A. (University of Pittsburgh)  
*Dissertation*: A Laboratory Study of Power Base-Conflict Relationships—As Applicable to Distribution Channels  
*Field of Specialization*: Business Administration
- Sandra Eileen Scott, Spring City, Tenn.  
B.S.Ed. (Bowling Green State University); M.A.  
*Dissertation*: A Remedial Motor Program for the Occupational Work Adjustment Students at EHOVE Technical Institute  
*Field of Specialization*: Physical Education
- William Wayne Scott, Seneca, S. C.  
B.S. (University of Chattanooga); M.A. (College of William and Mary)  
*Dissertation*: The Evaluation of Motivation and the Effectiveness of Modified Instruction to Promote Motivation within Remedial Education Students  
*Field of Specialization*: Education
- Georgeo Ludwig Seibert, Youngsville, N. Y.  
B.A.A.E., M.S.  
*Dissertation*: An Analysis of Dual Media Shock Waves  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Charlena Moten Seymour, Columbus  
B.F.A. (Howard University); M.A.  
*Dissertation*: The Effect of Speech Therapy on Oral Form Discrimination Ability of Adults with Functional Misarticulations  
*Field of Specialization*: Speech

\* Degree granted in cooperation with Miami University

- Harry Nathan Seymour, Columbus  
B.A. (Howard University); M.A.  
*Dissertation:* An Investigation of Vocal Acceptability of Male Children  
*Field of Specialization:* Speech
- Abdulrahman Saleh Shobaili, New York, N. Y.  
B.S. (University of Riyadh, Arabia)  
*Dissertation:* An Historical and Analytical Study of Broadcasting and Press in Saudi Arabia  
*Field of Specialization:* Speech
- Larry Raymond Shotwell, Cockeysville, Md.  
B.A. (Bowling Green State University); M.A.  
*Dissertation:* The Defense Spending Process  
*Field of Specialization:* Economics
- Robert Charles Shufeldt, Kinmundy, Ill.  
B.S. (University of Illinois); M.S.  
*Dissertation:* Partial Characterization of the Bonding and Movement of  $^{90}\text{Sr}$  with Organic Materials  
*Field of Specialization:* Agronomy
- John William Sij, Jr., Collinsville, Ill.  
B.S. in Edu. (Eastern Illinois University); M.S.  
*Dissertation:* Short-Term Kinetic Studies on the Inhibition of Photosynthesis by Sulfur Dioxide  
*Field of Specialization:* Botany
- Eleanor Bachofen Skelley, Urbana  
B.S., M.S.  
*Dissertation:* Effects of Gonadal Steroid Hormones on Regional Blood Flow in the Brain of Conscious Rats  
*Field of Specialization:* Pharmacology
- Donald Edward Snider, Columbus  
B.S., M.S.  
*Dissertation:* Analysis of the  $(v_1 + v_2 + v_3)$  Combination Band of Ozone  
*Field of Specialization:* Physics
- Elizabeth Ann Snyder, Ann Arbor, Mich.  
B.S. in Health Ed. (State Teachers College at East Strausburg, Pennsylvania); M.S. (University of Colorado)  
*Dissertation:* The Relationships among Various Aspects of Space Utilization and the Educational Achievement of Preschool Children  
*Field of Specialization:* Physical Education
- Joel Robert Soobitsky, Silver Spring, Md.  
B.S. (University of Connecticut); M.S. (Kansas State University)  
*Dissertation:* Perceived Training Needs of Urban Cooperative Extension Agents Working with Disadvantaged Audiences  
*Field of Specialization:* Agricultural Education
- Donald Carmen Spinelli, Rochester, N. Y.  
B.A., M.A. (University of Buffalo)  
*Dissertation:* The Dramaturgy of Marivaux: Three Elements of Technique  
*Field of Specialization:* Romance Languages
- Louis Spinelli, Columbus  
B.A., B.S. in Edu.  
*Dissertation:* Alienation and Identity: A Comparative Analysis of Blue-Collar and Counter-Culture Values  
*Field of Specialization:* Education
- Robert Alan Stallings, Westerville  
B.A., M.A.  
*Dissertation:* A Comparative Study of Community as Crisis Management System  
*Field of Specialization:* Sociology
- Claude Mason Steele, Park Forest, Ill.  
B.A. (Hiram College); M.A.  
*Dissertation:* The Indirect and Supererogatory Indirect Influence of a Persuasive Message  
*Field of Specialization:* Psychology
- Doris Hosmer Steele, Burlington, Vt.  
B.S. (University of New Hampshire); M.A.T. (University of Vermont)  
*Dissertation:* Opinion Leadership in Family Living among Low Income Homemakers in the Expanded Nutrition Program in Ohio  
*Field of Specialization:* Agricultural Education
- Thomas Wayne Steele, Adrian, Mich.  
B.A. (Hiram College); M. of Educ. (Kent State University)  
*Dissertation:* An Analysis of Communication Patterns within a School of Health, Physical Education and Recreation  
*Field of Specialization:* Physical Education
- Stephen Michael Stillman, Columbus  
B.S. (University of Pittsburgh); M.Ed. (Columbia University)  
*Dissertation:* The Relationship of Selected Individual Characteristics to Group Behavior in Two Risk Taking Situations  
*Field of Specialization:* Psychology
- Philip Eugene Stover, Columbus  
B.S. (Pennsylvania State University)  
*Dissertation:* The Holographic Investigation of Electrostatic Spraying  
*Field of Specialization:* Physics
- Rebecca Jane Stracener, Little Silver, N. J.  
A.B. (Gettysburg College); M.A. (Middlebury College)  
*Dissertation:* The Doctoral Program in Modern Foreign Languages as Preparation for College Teaching  
*Field of Specialization:* Education
- Henry Anthony Strater, Cleveland Heights  
A.B. (John Carroll University); M.A. in English (Western Reserve University); M.A.C.L.Lang. (John Carroll University)  
*Dissertation:* Poetic Technique in Catullus' Satiric Epigrams  
*Field of Specialization:* Classics
- Stephen Lee Stuart, Lancaster  
B.S. (Bloomsburg State College); M.Ed. (Pennsylvania State University)  
*Dissertation:* Criteria for Programs of Appraising Teacher Performance and Their Application to Current Practices in Ohio  
*Field of Specialization:* Education
- Roger Milton Swagler, Des Moines, Ia.  
B.A. (College of William and Mary); M.A.  
*Dissertation:* An Analysis of Variations in Alternative Terms-of-Trade Measures: A Case Study of Bolivia, 1925-1965  
*Field of Specialization:* Economics

Arthur Ian Swann, Columbus  
M.R.C.V.S. (University of London, England); M.S.  
*Dissertation:* Erythrocyte Survival in Normal Chickens  
and in Chickens Infected with Malaria  
*Field of Specialization:* Veterinary Medicine

Robert Emmet Swihart, Columbus  
B.S. in Edu., M.A.  
*Dissertation:* An Analysis of Students' and Teachers'  
Perceptions of Selected School Problems  
*Field of Specialization:* Education

Charles Carl Szabo, Jr., Columbus  
B.S. in Edu., M.A.  
*Dissertation:* A Comparative Study of the Dominant  
Value Patterns of Students Majoring in Education  
*Field of Specialization:* Education

Charles Edward Taylor, Columbus  
B.A., M.A.  
*Dissertation:* The Role of Selected State Education  
Agencies in the Development of Desegregation Policy for  
Public Schools  
*Field of Specialization:* Education

Gregory Thomas, Columbus  
B.A. (Dillard University); M.A. (University of  
Michigan)  
*Dissertation:* Historical Survey of Black Education as  
a Means of Black Liberation: 1875 - 1969  
*Field of Specialization:* Education

Mary Lou Thomas, Radnor  
B.S. in H.E., M.S.  
*Dissertation:* In-Service Education: Feasibility of Mini  
Workshop Instruction in Two Teaching Strategies for  
Secondary Teachers  
*Field of Specialization:* Home Economics

James Kenneth Thomson, Shenandoah, Ia.  
B.S. (Tarkio College); M.S.  
*Dissertation:* Addition of Unsaturated Grignard Reagents  
to Aldehyde and Keto Sugar Derivatives  
*Field of Specialization:* Chemistry

Benny Oen Swie Tjia, Columbia, Mo.  
A.B., M.S. (University of Missouri)  
*Dissertation:* Studies on the Growth and Hormonal  
Relation of *Chrysanthemum morifolium* following  
Treatments with Methyl-2, 7-Dichloro-9-Hydroxy-  
Fluorene-9-Carboxylate  
*Field of Specialization:* Horticulture

Howard Ray Toben, Bensenville, Ill.  
B.S., M.S. (University of Miami)  
*Dissertation:* Experimental Immunosuppression  
*Field of Specialization:* Anatomy

Le Ba Tuan, Cho-Lon, Viet-Nam  
B.S. (Electrical Engineering College); M.S. (Bradley  
University)  
*Dissertation:* Computer Design and Evaluation of Optimal  
Filters for a Class of Speech Sounds by Correlation  
Techniques  
*Field of Specialization:* Electrical Engineering

Donald Merle Uhlenberg, Garrett Park, Md.  
B.S. (University of Minnesota)  
*Dissertation:* Provisional Perspective on the Self with a  
Summary of Pertinent Research, 1959-1969  
*Field of Specialization:* Education

John Thornton Underwood, Jr., Roslyn Heights, N. Y.  
B.A. (Lehigh University); M.A.  
*Dissertation:* Locus Communis, Laus Legum and Laus  
Locorum: Rhetorical Exercises as a Model for Propertius,  
Book III  
*Field of Specialization:* Classics

Darlene Harbour Unrue, Worthington  
B.A., M.A. (Marshall University)  
*Dissertation:* Henry James and Gothic Romance  
*Field of Specialization:* English

Lek Uttamasil, Dhonburi, Thailand  
B.S. (Chulalongkorn University); M.S., Cer. Eng. (Georgia  
Institute of Technology)  
*Dissertation:* An Investigation of the Compatibility and  
Melting Relationships in the System  $Li_2 - Al_2O_3 - P_2O_5$   
*Field of Specialization:* Ceramic Engineering

Linda Kent Vaughan, Shaker Heights  
B.S., M.A. (Russell Sage College)  
*Dissertation:* An Exploratory Study of Risk for the  
Identification of the Elements of Risk in Sport  
*Field of Specialization:* Physical Education

Wilbur Paul Veith, Fairview, Pa.  
B.E.S. (Fenn College); M.S.  
*Dissertation:* Bohr-Bohl Theorems on Banach-Valued  
Functions  
*Field of Specialization:* Mathematics

Floyd Bronson Waigren, Clarendon Hills, Ill.  
B.S. in Ed. (Eastern Illinois University); M.Ed.  
(University of Illinois)  
*Dissertation:* A Comparison of the Written Achievement of  
Pupils in Two Disparate Industrial Arts Sequences  
*Field of Specialization:* Education

Niles Allen Walker, Columbus  
B.E.E., M.S.  
*Dissertation:* Adaptive Spatial Processing for Antenna  
Arrays  
*Field of Specialization:* Electrical Engineering

Carlton Dewey Wall, Nashville, Tenn.  
B.S. (Belmont College); M.A. (George Peabody College for  
Teachers)  
*Dissertation:* Contributing Factors to the Economic  
Understanding of High School Seniors  
*Field of Specialization:* Education

Allan Wade Walldren, Chicago, Ill.  
B.S. (Lawrence College); M.A.T. (Michigan State  
University)  
*Dissertation:* The Development of an Instrument to  
Analyze Student Questions during Problem Solving  
*Field of Specialization:* Education

- Yao Hung Wang, Kaohsiung, Formosa  
B.A. (National Taiwan University); M.B.A. (New York University); M.S. (Stanford University)  
*Dissertation*: On Characterization of Some Probability Distributions and Estimation of the Parameters of the Pareto Distribution  
*Field of Specialization*: Statistics
- Harold Quentin Webb, Norfolk, Va.  
A.B. (Morehead State College); M.A. (University of Kentucky)  
*Dissertation*: The Prognostic Potential of Selected Factors for Predicting Achievement in the Study of High School Bookkeeping and Accounting  
*Field of Specialization*: Education
- Robert David Weber, Trenton, N. J.  
B.A., M.A. (Trenton State College)  
*Dissertation*: The Influence of Reading Grade Level on the Comprehension of Below Grade Level Readers Participating in the Industrial Arts Curriculum Project  
*Field of Specialization*: Education
- Gary Lee Wegenke, South Bend, Ind.  
B.A. (De Pauw University); M.S. in P.Ed. (Indiana University)  
*Dissertation*: A Study of the Design and Development of a Simulation Model Focused on Educational Evaluation and Decision Making  
*Field of Specialization*: Education
- Robert Fred Wermuth, Mobile, Ala.  
B.M.E., M.M. (Northwestern University)  
*Dissertation*: Relationship of Musical Aptitude to Family and Student Activity in Music, Student Interest in Music, Socioeconomic Status, and Intelligence among Caucasian and Negro Middle School Students  
*Field of Specialization*: Music
- Rudolph Valentino Wiggins, Gary, Ind.  
B.S. in Ed. (Winston-Salem Teachers College); M.S. in Ed. (Indiana University)  
*Dissertation*: A Comparison of Children's Interest in and Attitude towards Reading Material Written in Standard and Black English Forms  
*Field of Specialization*: Education
- Joseph A. Wipf, Freeman, S.D.  
B.A. (Bethel College); M.A. (University of Colorado)  
*Dissertation*: An Investigation of Elementary School Students' Ability to Imitate Selected Sound Features of German  
*Field of Specialization*: Education
- Asher Sorrel Wolfe, New York, N. Y.  
B.A. (University of Texas); M.A. (Columbia University)  
*Dissertation*: The Relationship between Estimates of Speech Intelligibility in Social Contexts and *Paracusis Willisiana*  
*Field of Specialization*: Speech
- Wallace Stanley Woodard, Sr., Kalamazoo, Mich.  
B.S. in Ed. (West Virginia State College); M.A. (Western Michigan University)  
*Dissertation*: The Effectiveness of Teacher Assistants in Changing the Sociometric Status of Elementary School Children  
*Field of Specialization*: Education
- James Price Worthington, Columbus  
B.S. in Agr., M.S.  
*Dissertation*: The Effect of Alachlor and MON-097 on the Growth of Yellow Nutsedge and the Uptake of <sup>14</sup>C Labeled Alachlor by Yellow Nutsedge and Soybeans  
*Field of Specialization*: Agronomy
- Roy Theodore Wortman, Columbus  
B.A. (Colorado State University); M.A. (University of Colorado)  
*Dissertation*: The IWW in Ohio, 1905-1950  
*Field of Specialization*: History
- Richard Terry Yingling, Hershey, Pa.  
B.S. (Lebanon Valley College)  
*Dissertation*: The Electrical Conductivity of Titanium Trichloride  
*Field of Specialization*: Chemistry
- Michael Thomas Yura, Allentown, Pa.  
B.S. (Mount Saint Mary's College); M.Ed. (Temple University)  
*Dissertation*: The Personality Traits and Vocational Interests of Guidance Students  
*Field of Specialization*: Education
- Fike Amara Zahroon, Basrah, Iraq  
B.S. (University of Baghdad); M.S.  
*Dissertation*: A Comparative Study of Two Methods of Teaching College Algebra  
*Field of Specialization*: Education
- John Edward Zapotosky, Linden, N. J.  
B.S. (Wilmington College); M.S.  
*Dissertation*: The Fine Structure of the "Larval" Stage of the Gordiacean, *Paragordius varius* (Leidy, 1851) (Gordiidea: Paragordiidae)  
*Field of Specialization*: Zoology
- Thomas F. Zeck, Vermilion  
A.B., M.A. (John Carroll University)  
*Dissertation*: A Survey of Guidance Services Offered to the Educable Mentally Retarded in the State of Ohio  
*Field of Specialization*: Education
- Troy Anthony Zimmer, Honolulu, Hawaii  
B.A. (Southern Illinois University); M.A. (University of Hawaii)  
*Dissertation*: The Role of Mass Communication in the Political Integration of Nation-States: An Aggregate Analysis  
*Field of Specialization*: Sociology
- Gilbert Leroy Zink, Clarington  
B.S. in Agr., M.S.  
*Dissertation*: Recovery of Several Bovine Erythrocyte Blood-Group Antigenic Determinants after Butanol, Pyridine, Enzymatic, and Ultrasonicated Degradations of Stroma, and Molecular Weight Approximations for the Resulting Membrane Subunits  
*Field of Specialization*: Dairy Science

**Certificate of Specialist in Educational Administration**

One candidate

Rayl Bartlett Conyers, Marion  
B.A., M.A.

**Master of Accounting**

One candidate

Mark Steven Blanks, Charleston, S. C.  
B.S. (University of Missouri)  
*Field of Specialization: Accounting*

**Master of Arts**

Four hundred and six candidates

William Graham Abell, Jr., Warren  
B.A. (Miami University)  
*Field of Specialization: Journalism*

Albert Edward Abrams, Columbus  
B.S. in Edu.  
*Field of Specialization: Music*

Yvette Ackison, Ironton  
B.A. in Jour.  
*Field of Specialization: Journalism*

Thomas Lawson Altherr,  
Hamburg, N. Y.  
B.A. (New York State University  
at Fredonia)  
*Field of Specialization: History*

Richard Lee Aman, Mansfield  
B.S.J. (Ohio University)  
*Field of Specialization: Journalism*

Susan Marie Amato, Portland, Ore.  
A.B. (Gonzaga University)  
*Field of Specialization: Education*

Gerhardt Kenneth Andeen, Springfield  
A.B. (Augustana College)  
*Field of Specialization: Education*

Mary Walker Angevine, Pataskala  
B.S. in Edu.  
*Field of Specialization: Education*

Donald Alan Antrim, Corry, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization: Political  
Science*

Patricia Hickok Aplin, Chagrin Falls  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

Dorothy Zimmerman Armentrout,  
Columbus  
B.S.Ed. (Adelphi University)  
*Field of Specialization: Education*

Kenneth Earl Badertscher, Helena  
B.S. in Agr.  
*Field of Specialization: Agricultural  
Education*

James Lee Bailey, Orrville  
B.S. in Edu.  
*Field of Specialization: Education*

Donald Reed Baird, Hillsboro  
B.A. in Jour.  
*Field of Specialization: Journalism*

Martha Anna Balahutrak, Parma  
B.A. (College of Wooster)  
*Field of Specialization: Romance  
Languages*

Candace Joy Barr, Chicago, Ill.  
B.S. in Edu.  
*Field of Specialization: Education*

Charles Vincent Barr, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Winfried Barthmus, Plain City  
B.S. in Edu.  
*Field of Specialization: Education*

Mary Jane Carter Bartlett,  
Reynoldsburg  
A.B. (Ohio University)  
*Field of Specialization: Education*

Foster Lee Bartram, Columbus  
B.S. (Pikeville College)  
*Field of Specialization: Education*

Raphael Anthony Bastidas,  
Quito, Ecuador  
B.A. (Don Bosco College, New Jersey)  
*Field of Specialization: Education*

Lynne Margaret Batcheller,  
Blackstone, Mass.  
B.A. (State College at Bridgewater,  
Massachusetts)  
*Field of Specialization: Education*

Richard Eugene Batts, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

John Edward Beach, Westerville  
B.A. (Capital University)  
*Field of Specialization: Education*

Lois Ellen Beatenhead, Kimbolton  
B.S. in Edu.  
*Field of Specialization: Education*

Dudley Alan Beaver, Piqua  
B.S. in Edu.  
*Field of Specialization: Physical  
Education*

Lytton Victor Beeler, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

David Clarence Beever, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Administration*

Karen Sue Beiner, Elyria  
B.A. (Otterbein College)  
*Field of Specialization: Speech*

Stephen Clyde Bell, Shelby  
B.S. in Ed. (Miami University)  
*Field of Specialization: Education*

Marjorie Kahn Bender, Cincinnati  
B.F.A.  
*Field of Specialization: Art*

Patricia Ann Bender, El Paso, Tex.  
B.A. (University of Texas)  
*Field of Specialization: Speech*

Donald Raymond Bernhardt,  
Mansfield  
B.M. (Oberlin Conservatory of Music)  
*Field of Specialization: Music*

Daniel Vaughn Berridge, Columbus  
B.A.  
*Field of Specialization: Education*

Sandy Kay Beveridge, Rock Springs,  
Wyo.  
B.S. (Brigham Young University)  
*Field of Specialization: Physical  
Education*

Gunes Bilmen, Istanbul, Turkey  
*Field of Specialization: Education*

Monroe Arthur Blackburn,  
Mt. Vernon  
B.S. (Wilmington College)  
*Field of Specialization: Education*

Montroe Sherman Blagg, Pedro  
B.S. (Rio Grande College)  
*Field of Specialization: Education*

Daniel Ralph Bobb, Columbus  
B.A.  
*Field of Specialization: Sociology*

Glenn Stephen Bohmer, Columbus  
B.A. (Millikin University)  
*Field of Specialization: Education*

Cathryn Louise Booth,  
Baltimore, Md.  
B.A. (Baldwin-Wallace College)  
*Field of Specialization: Psychology*

Robert Bradley Booth, Mansfield  
B.S. in Edu.  
*Field of Specialization: Education*

Carol Davis Boster, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Rita Joanne Bova, Toledo  
B.A.  
*Field of Specialization: English*

Ann Lige Breeding, Miami, Fla.  
A.B. (University of Kentucky)  
*Field of Specialization:* History of Art

William Michael Brenner,  
Milton, W. Va.  
B.A. (Marshall University)  
*Field of Specialization:* Speech

Helen Anne Brisker, Wheelersburg  
B.S. in Edu.  
*Field of Specialization:* Education

Sharon Shinnors Brock, Columbus  
B.S.J. (Marquette University)  
*Field of Specialization:* Journalism

Kathryn Merrifield Brooke,  
New Castle, Me.  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Education

Nancy Lee Brown, Hampshire, Tenn.  
B.S. (George Peabody College for  
Teachers)  
*Field of Specialization:* Speech

Donna Pauline Bruce, Columbus  
A.B. (Ashbury College, Kentucky)  
*Field of Specialization:* Education

Gerard Mathias Bruder, Jr.,  
Fairfield, Conn.  
B.A. (Hanover College)  
*Field of Specialization:* Journalism

Marianne Bruning, Springfield, Pa.  
B.A. (Mount Union College)  
*Field of Specialization:* Education

Carole King Bucchioni,  
Georgetown, Pa.  
B.S. in Edu.  
*Field of Specialization:* Education

Sally May Burger, Lorain  
A.B. (Ohio University)  
*Field of Specialization:* Education

Roswitha Oelsner Burkey, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Mary Annette Burns, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Payton Tyrone Butler, Richmond, Va.  
B.S. (Virginia Union University)  
*Field of Specialization:* Education

Janie Ann Campanizzi, Flushing  
B.S.Edu. (Ohio University)  
*Field of Specialization:* Education

Nicholas Joseph Candelora,  
Uniondale, N. Y.  
B.A. (Hofstra College)  
*Field of Specialization:* History

Jone Borreson Carmean, Hillsboro  
A.B. (Wilmington College)  
*Field of Specialization:* Education

Robert Allen Carter,  
Canal Winchester  
B.S. in Edu.  
*Field of Specialization:* Education

David Allen Chase, Columbus  
B.Mus.  
*Field of Specialization:* Music

James Arthur Chase, Spokane, Wash.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Psychology

Paula Perduyn Clark, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Charlene Etnier Cline, Iowa City, Ia.  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education

Alan Bradley Clune,  
West Hartford, Conn.  
B.A. (Trinity College, Connecticut)  
*Field of Specialization:* History

Juanita Jackson Coe,  
Georgetown, S. C.  
A.B. (Benedict College)  
*Field of Specialization:* Education

Francine Carol Cohen,  
University Heights  
B.A.  
*Field of Specialization:* Education

Christina Sue Cole, Lancaster  
B.A. (Denison University);  
B.S. in Edu.  
*Field of Specialization:* Education

Betty Minor Collins, Mechanicsburg  
B.S. in Edu.  
*Field of Specialization:* Education

Brian Patrick Conley,  
Webster Groves, Mo.  
B.A. (Saint Louis University)  
*Field of Specialization:* English

Maureen Patricia Connelly,  
Astoria, N. Y.  
B.A. (Saint Johns University,  
New York)  
*Field of Specialization:* Sociology

Mary Gracely Conyers, Marion  
B.A. (Ohio Wesleyan University);  
M.A. (Stanford University)  
*Field of Specialization:* Education

Kathleen Braun Cope, Galion  
B.S. in Edu.  
*Field of Specialization:* English

Alan Mitchell Corn, Lancaster, Pa.  
B.A. (Franklin and Marshall College)  
*Field of Specialization:* Classics

James David Cowan, Willshire  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Marilyn Williams Cozad, Marysville  
B.S. in Edu.  
*Field of Specialization:* Education

John Stuart Crabbe, Jr., Snyder, N. Y.  
B.A. (Canisius College)  
*Field of Specialization:* Education

Richard Ellsworth Crable, Delaware  
A.B. (Bowling Green State  
University)  
*Field of Specialization:* Speech

Judson Chester Cross, Reading  
A.B. (Western Kentucky University)  
*Field of Specialization:* Education

Celine Frances Cullen, Buffalo, N. Y.  
B.A. (Canisius College)  
*Field of Specialization:* History

Jack Emery Culp, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Robert Anthony Curry, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization:* Speech

Shirley Ann Curtis, Canton  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education

Richard Arden Dally, Cuyahoga Falls  
B.A.  
*Field of Specialization:* Education

Rita Clare Daniels,  
Minneapolis, Minn.  
B.A. (College of Saint Benedict)  
*Field of Specialization:* Education

Gail Fotheringham Davis, Columbus  
B.A.  
*Field of Specialization:* Psychology

Jene Frederick Davis, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Education

Ronald Victor Davis, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Ann Michele Deasy,  
San Francisco, Calif.  
B.A. (University of California,  
Irvine)  
*Field of Specialization:* Classics

- William Allen Denig, Kent  
B.S. in Edu.  
*Field of Specialization:* Education
- Dolphine Schlote Denman, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Robert William Denniston,  
Grants Pass, Ore.  
B.S. (University of Oregon)  
*Field of Specialization:* Journalism
- Christine Frances Donaldson,  
Pittsfield, Mass.  
A.B. (Guilford College)  
*Field of Specialization:* History
- Stephen Aaron Douglas, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Mary Frances Douthard,  
Gadsden, Ala.  
B.A. (Alabama Agricultural and  
Mechanical College)  
*Field of Specialization:* Sociology
- Mary Linda Downey, Dayton  
B.S. in Edu.  
*Field of Specialization:* Education
- Jack Verner Drago, Bradenton, Fla.  
B.S. (United States Naval Academy)  
*Field of Specialization:* Education
- Patricia Louise Dray, Richmond  
B.S. (David Lipscomb College)  
*Field of Specialization:* Education
- Arthur James Drewyor, Jr., Toledo  
B.A. (University of Toledo)  
*Field of Specialization:* Journalism
- Barbara Jean Driver, Toledo  
B.S. in Edu.  
*Field of Specialization:* Education
- Sister Johanna Eberly, Columbus  
B.S. in Mus.Edu. (College of Saint  
Mary of the Springs)  
*Field of Specialization:* Music
- Lois Elaine Echols, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Marilyn Barbara Eisenberg,  
Cincinnati  
B.A.  
*Field of Specialization:* Economics
- Linda Jean Enloe, Decatur, Ga.  
A.B. (University of Georgia)  
*Field of Specialization:* Psychology
- Nancy Ann Ennis, Williamsport, Pa.  
B.E.Ed. (Bloomsburg State College)  
*Field of Specialization:* Education
- Karen Nelson Ermler, Columbus  
B.S. in Ed. (Northern Illinois  
University)  
*Field of Specialization:* Education
- Carolyn Huffman Farnsworth,  
Columbus  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education
- Geraldine Farrell, Glendora, N. J.  
A.B. (Rutgers State University)  
*Field of Specialization:* Education
- Margaret Jean Felter,  
Bloomfield, N. J.  
B.A. (Bloomfield College)  
*Field of Specialization:* Education
- Linda May Fetter, Richmond  
B.A. (Otterbein College)  
*Field of Specialization:* Education
- Carole Wolfe Fick, Reynoldsburg  
B.S. (Huntington College)  
*Field of Specialization:* Education
- Martha Krismer Fischer, Cincinnati  
A.B. (College of Mount Saint Joseph  
on the Ohio)  
*Field of Specialization:* Education
- Catherine Anette Fish, Dayton  
B.A. (Wright State University)  
*Field of Specialization:* Anthropology
- Mary Elizabeth Fisher,  
Westfield, N. J.  
B.M.Ed. (Baldwin-Wallace College)  
*Field of Specialization:* Music
- Michael David FitzSimmons,  
Mansfield  
B.S. (Muskingum College)  
*Field of Specialization:* Education
- Paula Bagby Ford, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Susan Lewis Forster, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Linda Harder Foster, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Charles Donovan Friesen,  
Henderson, Neb.  
B.S. (Bethel College, Kansas)  
*Field of Specialization:* Education
- Kathleen Ann Galvin, Cleveland  
B.A. (University of Dayton)  
*Field of Specialization:* History
- Susan Menges Gardes, Columbus  
B.A. (William Woods College)  
*Field of Specialization:* Political  
Science
- Ruth Hedges Gearhiser, Radnor  
B.S. in Edu.  
*Field of Specialization:* Education
- Karen Ann George, Parma  
B.S. in Edu.  
*Field of Specialization:* Education
- Sarah Earl Gettinger, Columbus  
A.B. (Indiana University)  
*Field of Specialization:* Education
- Edwin Carl Gilkey, Groveport  
B.M.E. (Capital University)  
*Field of Specialization:* Music
- David Ben Gill, Milwaukee, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization:* Journalism
- Lonnie Ray Gillian, Columbus  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Ralph Douglas Gillum, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Gary Lee Gilmer, Kings Mills  
B.S. in Edu.  
*Field of Specialization:* English  
(Tesol)
- Opal Lump Gire, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Thelma Riegel Girton, Columbus  
B.S.Ed. (Ashland College)  
*Field of Specialization:* Education
- Jean Elizabeth Girves, Columbus  
B.A. (Northwestern University)  
*Field of Specialization:* Education
- Alan Gary Gittis, Philadelphia, Pa.  
A.B. (Temple University)  
*Field of Specialization:* Psychology
- Linda Fisher Glenn, Fredericktown  
B.S. in Edu.  
*Field of Specialization:* Education
- Melvin Clarence Goldsmith,  
Marysville  
B.S. in B.A. (Wittenberg University)  
*Field of Specialization:* Education
- Marc Paul Goldzweig, Columbus  
B.A.  
*Field of Specialization:* Education

- Kazuye K. Good, Columbus  
B.S. (Albright College)  
*Field of Specialization:* Education
- Ann Bernsdette Graf, Euclid  
A.B. (Ursuline College)  
*Field of Specialization:* Education
- Sister Regina Grant, Trenton, N. J.  
B.A. (Georgian Court College)  
*Field of Specialization:* Education
- Carole Kepford Graves, Marion  
B.S. in Edu.  
*Field of Specialization:* Education
- Charles Greer, Canal Winchester  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education
- Carol Ann Gregg, Amsterdam  
B.A. (Bluffton College)  
*Field of Specialization:* Education
- Cathryn Sech Gregory, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Catherine O'Connor Greider, Newark  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Education
- John Michael Griffin, Celina  
B.S. in Bus.Adm.  
*Field of Specialization:* Geography
- Rita Diane Griffith, Sparta  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Patricia Wilson Griffiths,  
Washington Court House  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education
- Frank Edward Habeker, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Jill Marie Haddock, Euclid  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education
- John Thomas Hammill, Jr., Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Burton Soren Hanson, III,  
Petersburg, W. Va.  
B.S.Sec.Ed. (West Virginia  
University)  
*Field of Specialization:* Education
- Lois Klabano Hanson,  
Petersburg, W. Va.  
B.S. (West Virginia University)  
*Field of Specialization:* Education
- Kandy Kay Hardin, Rantoul, Ill.  
B. of F.A. (University of Illinois)  
*Field of Specialization:* History of  
Art
- Patricia Marie Hargrove,  
Rockville Center, N. Y.  
B.A. (Adelphi University)  
*Field of Specialization:* Speech
- Mary Schultz Harms, Worthington  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Meriel Daniel Harris, Jr.,  
Somerset, Ky.  
B.M.C. (Eastern Kentucky  
University)  
*Field of Specialization:* Music
- Rachel Jolliff Harris, West Mansfield  
B.S. in Edu. (Ohio Northern  
University)  
*Field of Specialization:* Education
- Janet Beam Hazelbaker, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Barbara Jane Hegler, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- David Roy Heigle, Gahanna  
B.S. in Edu.  
*Field of Specialization:* Education
- Stephen Raymond Heimann,  
Columbus  
B.S.  
*Field of Specialization:* Accounting
- Sandra Jean Heinicke, Holyoke, Mass.  
B.S. (University of Massachusetts)  
*Field of Specialization:* Physical  
Education
- William Albert Henley, Columbus  
B.A.  
*Field of Specialization:* History
- Charles Gilkey Hetrick, Edinboro, Pa.  
A.B. (Grove City College)  
*Field of Specialization:* History
- Charles Gerald Higgins, Mesa, Ariz.  
B.A. (Arizona State University);  
M.A.  
*Field of Specialization:* Journalism
- Bettina Claire Hill, Grand River  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Linda Joanne Hillis, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Robert Ralph Hite, Granville  
B.S. in Edu. (Capital University)  
*Field of Specialization:* Education
- David Alan Hoffman, Hartford, Conn.  
A.B. (University of Rochester)  
*Field of Specialization:* Psychology
- Mayellyn Williams Hoffman,  
Canal Winchester  
B.S. (Brenau College)  
*Field of Specialization:* Education
- Fred Thomas Hofstetter, Worthington  
B.A. (Saint Joseph's College,  
Indiana)  
*Field of Specialization:* Music
- Zetabarbara Nelson Holcombe,  
Columbus  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Betty Mae Hoover, Shelby  
B.S. in Edu. (Ashland College)  
*Field of Specialization:* Education
- Lois Oertle Hoover, Shelby  
B.S. in Edu. (Ashland College)  
*Field of Specialization:* Education
- Jane Jones Hudson, Dunbar, W. Va.  
B.S. in Edu. (West Virginia State  
College)  
*Field of Specialization:* Education
- Lloyd Michael Hult, Massillon  
B.S. in Ed. (Ashland College)  
*Field of Specialization:* Speech
- Gershon David Hundert,  
Toronto, Ont., Canada  
B.A. (Columbia University)  
*Field of Specialization:* History
- Sharon Fulk Hunt, Ashland  
B.S. in Edu. (Bowling Green State  
University)  
*Field of Specialization:* History
- Ronald Alfred Huntington,  
Willoughby  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Education
- Carolyn Postema Huzinec, Columbus  
B.A. (Michigan State University)  
*Field of Specialization:* Psychology
- Judy Forsythe Inscho, Columbus  
B.S. in Ed. (Otterbein College)  
*Field of Specialization:* Education
- Glenn Lawrence Jacobson,  
Washington Court House  
B.S. in Edu.  
*Field of Specialization:* Education
- Barbara D'Luzansky Jacoby,  
Columbus  
B.S. in Edu.  
*Field of Specialization:* Art
- Carmel Cline Jenkins, Marietta  
B.A., B.S. in Edu.  
*Field of Specialization:* Education

Jeffrey Lynn Jenkins, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization*: Education

Barbara Mae Johannes, Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization*: Education

Arthur Matthew Johnsen, III,  
Lebanon  
B.A. (Miami University)  
*Field of Specialization*: Psychology

Gary Ronald Johnson,  
Rochester, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization*: Public  
Administration

Larry Richard Jones, Coumbus  
B.Ed. (University of Toledo)  
*Field of Specialization*: Education

Patricia Laucher Jordan, Galion  
B.S. in Edu. (Kent State University)  
*Field of Specialization*: Education

Heidi Jane Joshua, Youngstown  
A.B. (Youngstown State University)  
*Field of Specialization*: History

Timothy Warren Kahrl, Mt. Vernon  
A.B. (Harvard College)  
*Field of Specialization*: History

Glenn Kaplan, Woodbury, N. Y.  
B.A. (C.W. Post College)  
*Field of Specialization*: Education

Lois Merle Kaplan, Skokie, Ill.  
B.A. (Purdue University)  
*Field of Specialization*: Speech

Alana Karalius, Oxon Hill, Md.  
B.S.Ed. (Duquesne University)  
*Field of Specialization*: Classics

Philip Vaughn Kegg, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Richard Ladd Kelley,  
Forestburg, Tex.  
B.A. (North Texas State University)  
*Field of Specialization*: English

Sandra Lee Keys, Rye, N. Y.  
B.S. (State University of New York  
College, Cortland)  
*Field of Specialization*: Physical  
Education

Glenn Philip Kiefer, Marion  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Education

James William Kinnach, Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization*: Education

James Dewey Kirk, Toledo  
B.A.  
*Field of Specialization*: History

William Oliver Kjerrumgaard,  
Howard  
B.S. in Edu.  
*Field of Specialization*: Education

Richard J. Knapp, Bowie, Md.  
B.S. (University of Maryland)  
*Field of Specialization*: Journalism

Paul Douglas Kochanowski, Toledo  
A.B. (John Carroll University)  
*Field of Specialization*: English

Mary Barbara Kostelnik, Berea  
B.A.  
*Field of Specialization*: Anthropology

Ann Kotowicz, Flushing, N. Y.  
B.S. (State University College of  
New York at Oneonta)  
*Field of Specialization*: Speech

Gayle Carter Kranz, Columbus  
B.F.A.  
*Field of Specialization*: Education

Paul Ervin Krouskop, Lima  
B.S. in Ed. (Bluffton College)  
*Field of Specialization*: Music

Margo Louise Kruse, Lakewood  
B.A. (Albion College)  
*Field of Specialization*: Romance  
Languages

Stephen Herbert Kull, Columbus  
B.S. in Ed. (Otterbein College)  
*Field of Specialization*: Education

Norman Allen Kushen, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Sister Mary Katherine Lacaria,  
Columbus  
B.S. in Edu. (Rosary Hill College)  
*Field of Specialization*: Education

Michael Blaine Lafferty, Dayton  
B.S. in Agr.  
*Field of Specialization*: Journalism

Roger Frederick Lambert, Columbus  
B.A. in Jour.  
*Field of Specialization*: Journalism

John Philip Landfried, Cincinnati  
B.A.  
*Field of Specialization*: Speech

Diane Martin Lane, Dayton  
B.S. in Edu.  
*Field of Specialization*: Education

Frederick Wayne Langner, Columbus  
B.A. (Muskingum College)  
*Field of Specialization*: Education

Lowell David Latto, New Philadelphia  
B.S. in Edu.  
*Field of Specialization*: Education

Edward David Laughbaum,  
Westerville  
B.S. in Ed. (Otterbein College)  
*Field of Specialization*: Education

Barbara Joan Lavietes, Miami, Fla.  
B. Ed. (University of Miami)  
*Field of Specialization*: Education

Florence Compton Lehman, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Anne Catherine Lehmenkuler,  
Springfield  
B.S. in Edu.  
*Field of Specialization*: Education

Michael John Leonardelli,  
St. Louis, Mo.  
B.A. (Saint Louis University)  
*Field of Specialization*: Theatre

Jackie Lee Lewis, Hillsboro  
B.S. (Morehead State College)  
*Field of Specialization*: Education

Roger Owen Lewis, Jr.,  
Cuyahoga Falls  
B.A. (Kent State University)  
*Field of Specialization*: Psychology

Helen Pappas Lias, Columbus  
B.S. in Edu.  
*Field of Specialization*: Education

Debra Elaine Linick, Columbus  
A.B. (University of Michigan)  
*Field of Specialization*: English

Dianne Loehnert, Columbus  
B.A. (Allegheny College)  
*Field of Specialization*: Speech

Winford Lee Logan, Wooster  
B.A. (Wittenberg University)  
*Field of Specialization*: Journalism

Don Curtis Love, Delaware  
B.S. (Otterbein College)  
*Field of Specialization*: Education

Myra Norma Love, Philadelphia, Pa.  
B.A. (Bryn Mawr College)  
*Field of Specialization*: German

- David Duane Lowery, Clarksville, Va.  
B.A. (University of Richmond)  
*Field of Specialization:* Journalism
- Sister Aloysius Lubrecht, Cincinnati  
B.M.Ed. (College of Mount Saint  
Joseph on the Ohio)  
*Field of Specialization:* Education
- Suzanne Elizabeth Luedeke,  
New Bremen  
A.B. (Asbury College, Kentucky)  
*Field of Specialization:* Education
- Ralph Francis Lupidi, Columbus  
B.S. in Edu.  
*Field of Specialization:* Music
- Marshall Day Malcolm,  
Richmond, Ind.  
A.B., M.A. (Earlham College)  
*Field of Specialization:* Education
- Barbara Ann Mallett, Columbus  
B.A.  
*Field of Specialization:* English
- Judith Ann Marchesi, Toluca, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Physical  
Education
- Ann Elizabeth McDonald, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Eva Cohn McDonald, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Larry Allen McElwee, Hillsboro  
B.A.  
*Field of Specialization:* History
- Kenneth Harlan McGuire, Mason  
B.S. in Agr., M.S.  
*Field of Specialization:* Anthropology
- Janis Lynn McKee,  
Central Islip, N. Y.  
B.A. (State University of New York  
at Stony Brook)  
*Field of Specialization:* History
- Elizabeth Barker Melberg,  
Ludlow, Mass.  
B.A. (Defiance College)  
*Field of Specialization:* Education
- Miriam Hall Mertens, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Doris Hunter Metcalf,  
Sheffield, Ala.  
B.S. (Stillman College)  
*Field of Specialization:* Education
- Matthew Joseph Micetich, St. Henry  
B.S. (Saint Procopius College)  
*Field of Specialization:* Education
- Laurel Naomi Milcoff,  
Cleveland Heights  
B.A. (George Washington  
University)  
*Field of Specialization:* Education
- James Eugene Millard, Dayton  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Ann Marie Miller, Memphis, Tenn.  
B.A. (University of Tennessee)  
*Field of Specialization:* Classics
- Linda Patterson Miller, Columbus  
A.B. (Hope College)  
*Field of Specialization:* English
- Michael Lee Miller, Cincinnati  
A.B. (Wheeling College)  
*Field of Specialization:* History
- Raylene Elizabeth Miller, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization:* Education
- Florence Greta Mills,  
Edmundston, N. B., Canada  
B.E.E. (College of Saint-Louise)  
*Field of Specialization:* Education
- Constance Layman Minton, Dayton  
B.M. (University of Dayton)  
*Field of Specialization:* Music
- Bonnie Marilyn Mirrer, Bronx, N. Y.  
B.A. (State University of New York  
at Stony Brook)  
*Field of Specialization:* Anthropology
- Maralan Jean Moore, Caldwell  
B.S.Ed. (Muskingum College)  
*Field of Specialization:* Education
- Timothy Joseph Morganstern,  
Mansfield  
B.S. (Ashland College)  
*Field of Specialization:* Education
- Elaine Radzevich Morisano,  
Avon, Conn.  
B.A.  
*Field of Specialization:* Psychology
- Joseph Thomas Morman, Marion  
B.A. (Saint Mary's Seminary,  
Illinois)  
*Field of Specialization:* Education
- Aglae Collazo Moulaison, Columbus  
B.A. in Ed. (University of Puerto  
Rico)  
*Field of Specialization:* Education
- Donna Stanley Mourning, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Rita Rexford Murphy, Mt. Gilead  
B.S. in Edu. (Bowling Green State  
University)  
*Field of Specialization:* Education
- Patrick Luke Nagle,  
West Roxbury, Mass.  
B.A. (Iona College; M.A. (Saint  
John's University, New York)  
*Field of Specialization:* Education
- Edwin Robert Nass, Canfield  
B.S. in Dairy Tech.  
*Field of Specialization:* Education
- Brian Richard Naughton,  
Hicksville, N. Y.  
B.S. (State University College of  
New York at Oneonta)  
*Field of Specialization:* Speech
- Dennis Norman Neeb, Helena  
B.S. in Edu.  
*Field of Specialization:* Education
- Patricia Ann Neiswander,  
Bloomfield Hills, Mich.  
B.A. (Oakland University)  
*Field of Specialization:* Education
- Harvey Allen Nesser, Bellefontaine  
B.S.  
*Field of Specialization:* Psychology
- Thomas John Nippert, Columbus  
B.S. in Educ. (Miami University)  
*Field of Specialization:* Education
- Carol Ann Noles, Columbus  
B.S. in Edu.  
*Field of Specialization:* English
- Anna Pyle Norden, Hilliard  
B.A. (West Liberty State College)  
*Field of Specialization:* Education
- Kirk Edward Oberfeld, Columbus  
B.A. (Kalamazoo College)  
*Field of Specialization:* Journalism
- Joe Lynn Oliver, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Cheryl Olkes, Cleveland  
B.A. (Chatham College)  
*Field of Specialization:* Journalism
- Ronald Arthur Orsini, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Patricia Lebeda Page, Berwyn, Ill.  
A.B. (Carthage College)  
*Field of Specialization:* Romance  
Languages
- Alexander Pashovich, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization:* Slavic  
Languages
- Carolyn Elizabeth Patch, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

- Donald William Patris, Geneseo, N. Y.  
B.S. in Ed. (University of Hartford)  
*Field of Specialization: Romance Languages*
- Twyla Weatherby Paul, West Mansfield  
B.S. in Edu. (Bowling Green State University)  
*Field of Specialization: Education*
- Evelyn Colebank Percy, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Eduardo Francisco Pelaez, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Romance Languages*
- Sister Victoria Perkins, Kansas City, Kan.  
B.A. (Saint Mary College, Kansas)  
*Field of Specialization: Education*
- Elizabeth Robinson Pettit, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Robert Allen Petty, II, Columbus  
B.S. in Edu.  
*Field of Specialization: Music*
- Dorothy Hamann Pfsich, Mt. Vernon  
B.Mus. (Heidelberg College)  
*Field of Specialization: Music*
- Robert Eldon Pfsich, Mt. Vernon  
B.Mus. (Heidelberg College)  
*Field of Specialization: Music*
- James Cody Phillips, Klamoth Falls, Ore.  
B.A. (University of Oregon)  
*Field of Specialization: Slavic Languages*
- Jo Ann Dethloff Poczik, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Katherine L. Pool, Piqua  
B.B.A. (Emory University)  
*Field of Specialization: Education*
- Deborah Riatt Press, Danbury, Conn.  
B.A. (Bucknell University)  
*Field of Specialization: Education*
- John Thomas Quinn, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Barbara Hackenbracht Racey, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Francine Cohodas Rackoff, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Sister Judith Fay Raley, Columbus  
B.S. in Ed. (Nazareth College, Kentucky)  
*Field of Specialization: History*
- John Frederick Reichart, Albertson, N. Y.  
B.A. (Manhattan College)  
*Field of Specialization: Political Science*
- William Herman Resch, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Marie Manalisay Reyes, Bloomington, Ill.  
B.A. (Illinois State University)  
*Field of Specialization: Education*
- Ann Louise Conway Rhodes, Pataskala  
B.S. in Edu.  
*Field of Specialization: Education*
- Gerald Roger Richards, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Barbara Davis Robinson, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Charles Ray Robinson, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Meryl Kazdan Rose, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Michael Gregory Roshak, Jermyn, Pa.  
B.S. in Ed. (Millersville State College)  
*Field of Specialization: Slavic Languages*
- Carol Green Rowland, Columbus  
B.S.Ed. (University of Dayton)  
*Field of Specialization: Education*
- Bonita Marie Ruef, Erie, Pa.  
B.A. (Gannon College)  
*Field of Specialization: Romance Languages*
- Mary Elaine Saik, Elkhart, Ind.  
B.A. (Purdue University)  
*Field of Specialization: History*
- Timothy Lee Sanz, Hobart, Ind.  
A.B. (Indiana University)  
*Field of Specialization: Slavic Languages*
- Edward James Sarver, Wildwood, Pa.  
B.S. in Ed. (Clarion State College)  
*Field of Specialization: Education*
- Patricia Lippincott Seamoffa, Hilliard  
B.A. (Trenton State College)  
*Field of Specialization: Education*
- Michael Wayne Schifer, Columbus  
B.S. (Capital University)  
*Field of Specialization: Education*
- David Francis Schmidt, Mt. Vernon  
B.S. in Edu.  
*Field of Specialization: Education*
- Carol Jean Schoenbeck, St. Louis, Mo.  
B.S. (University of Kansas)  
*Field of Specialization: Journalism*
- George Milton Schram, Caledonia  
B. of Mus. Edu. (Capital University)  
*Field of Specialization: Music*
- Robert Edward Schram, Cleveland  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization: Political Science*
- LaVonne Grubenhoff Schroeder, Columbus  
B.S. in Edu.  
*Field of Specialization: Physical Education (Health Education)*
- Merrill Ferris Schulz, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- John Albert Schwartz, Whipple  
B.S. in Agr.  
*Field of Specialization: Education*
- Kathryn Elizabeth Scott, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization: Education*
- Tucker Lynn Self, Bellville  
B.S. (Ashland College)  
*Field of Specialization: Education*
- Karen Elaine Shakley, Karn City, Pa.  
B.M. (Muskingum College)  
*Field of Specialization: Music*
- Donald William Shaw, Hilliard  
B.S. in Ed. (Capital University)  
*Field of Specialization: Education*
- Linda Fickert Shields, Springfield  
B.A. (Otterbein College)  
*Field of Specialization: Education*
- Howard J. Silver, Bronx, N. Y.  
B.A. (City College, New York)  
*Field of Specialization: Political Science*
- Kathryn Elaine Sims, West Lafayette  
B.A. (Otterbein College)  
*Field of Specialization: Education*
- Rexford Leroy Skelton, Ashland  
B.S. in Ed. (Ashland College)  
*Field of Specialization: Education*

- Lloyd Reynolds Sloan,  
San Antonio, Tex.  
B.A. (University of Texas)  
*Field of Specialization: Psychology*
- Robert Lynn Slonaker,  
Missoula, Mont.  
B.A. (University of Montana)  
*Field of Specialization: Psychology*
- Arlene Elizabeth Small, Cambridge  
A.B. (Ohio Dominican College)  
*Field of Specialization: Education*
- Bonnie Ann Smith, Miami, Fla.  
A.B. (University of Miami)  
*Field of Specialization: History of Art*
- Carolyn Backenstos Smith,  
Jacksonstown  
B.S. in Edu.  
*Field of Specialization: Education*
- Conrad Glenn Page Smith, Dayton  
B.S.  
*Field of Specialization: Speech*
- Curtis Allan Smith, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Joan Dreher Smith, Columbus  
B.S. in Bus. Adm., B.S. in Edu.  
*Field of Specialization: Education*
- Mary Matvey Smith, Ashville  
B.A. (Siena Heights College)  
*Field of Specialization: Education*
- Judith Mary Sostarich,  
Brookfield, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization: Education*
- \*James Michael Sproule, Dayton  
*Field of Specialization: Speech*
- Joyce Edwards Starr, Columbus  
B.F.A.  
*Field of Specialization: History of Art*
- Jack Ellsworth Stauch, Newark  
B.S. in Edu.  
*Field of Specialization: Music*
- Susan Kay Stevens, Mansfield  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*
- Joseph Mark Stewart, Columbus  
B.A. (Bowling Green State University)  
*Field of Specialization: History*
- Donna Jean Sticklely, Manassas, Va.  
B.A. (University of Delaware)  
*Field of Specialization: History*
- David Webb Stockburger,  
North Canton  
A.B. (Ohio University)  
*Field of Specialization: Psychology*
- Mary Esther Grady Stone, Columbus  
A.B. (Howard University)  
*Field of Specialization: Romance Languages*
- Stephan Wallace Stover, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- James Wilford Strecker, Columbus  
B.A. (Auburn University)  
*Field of Specialization: Education*
- Donna McMillan Strickland,  
Citronelle, Ala.  
B.A. (Capital University)  
*Field of Specialization: Education*
- William James Strickland,  
Jamaica Plain, Mass.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Psychology*
- Ronald Lee Struble, Port Clinton  
B.S. in Edu. (Miami University)  
*Field of Specialization: Education*
- Jean Hess Stull, Columbus  
B.S. in Edu. (Shippensburg State College)  
*Field of Specialization: Education*
- Robert Julius Tamasy,  
Somerset, N. J.  
B.A. in Jour.  
*Field of Specialization: Journalism*
- Linda Haas Tarr, Miami Beach, Fla.  
B.A. (University of Pennsylvania)  
*Field of Specialization: Psychology*
- Charles Richard Temple, Delaware  
B.S. in Edu.  
*Field of Specialization: Education*
- Ernestine Carol Thomas, Columbus  
B.S. in Edu. (Concord College)  
*Field of Specialization: Education*
- Susan Lynn Tobey, Pittsburgh, Pa.  
B.A. (University of Pittsburgh)  
*Field of Specialization: Education*
- Robert Donley Townsend, Bucyrus  
B.A. (Otterbein College)  
*Field of Specialization: Education*
- Kenneth Edward Tracey, Grove City  
B.A. (College of Wooster)  
*Field of Specialization: Education*
- Michael Charles Tripp, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Jane Chowning Troy, Tipp City  
B.S. in Music (Indiana University)  
*Field of Specialization: History of Art*
- Janice Clare Tucker, Columbus  
B.S. in Edu.  
*Field of Specialization: Theatre*
- Roseann Frances Umana,  
Bradenton, Fla.  
B.S. (Michigan State University)  
*Field of Specialization: Psychology*
- Carl Michael Upson,  
Northridge, Calif.  
B.S. (United States Air Force Academy)  
*Field of Specialization: History*
- David Charles Vaas, Ashland  
B. of Mus. (Ashland College)  
*Field of Specialization: Music*
- Mabelmae Frank VanDyke, Columbus  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*
- Margaret Whited VanGundy,  
Springfield  
B.S. in Edu. (Wittenberg University)  
*Field of Specialization: Education*
- Ann McPherson VanVliet, Chillicothe  
B.S. in Edu. (New Jersey State Teachers College)  
*Field of Specialization: Education*
- Roy Vercruyse, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*
- Peter James Vicente,  
Philadelphia, Pa.  
B.A. (La Salle College)  
*Field of Specialization: Psychology*
- Thomas J. Vinson, Brooklyn, N.Y.  
B.A. (Brooklyn College)  
*Field of Specialization: Journalism*
- Elaine Marie Vitello, Masury  
B.S. (College of Saint Mary of the Springs)  
*Field of Specialization: Physical Education (Health Education)*
- Kathleen Louise Vitmier,  
Pittsburgh, Pa.  
A.B. (Grove City College)  
*Field of Specialization: German*
- Christina Hepner Voyles, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Ronald Douglas Wagner, Willoughby  
B.A.  
*Field of Specialization: East Asian  
Languages*

Grunna Cohen Walowitz, Columbus  
A.B. (State University of New York  
at Albany)  
*Field of Specialization: History*

Stephanie Elaine Walter, Columbus  
B.S.E. (University of Dayton)  
*Field of Specialization: Education*

Virginia Anne Wasson,  
Richmond, Ind.  
B.S. (Olivet Nazarene College)  
*Field of Specialization: Music*

Jene Watkins, Smithfield  
B.S. in Edu.  
*Field of Specialization: Education*

Cheryl Cain Webster, Ada  
A.B. (Fort Hays Kansas State  
College)  
*Field of Specialization: Education*

Diane Lenart Weeks, Rock Creek  
B.A., B.S. in Edu.  
*Field of Specialization: Education*

Nancy Cooper Weemhoff, Delaware  
B.A. (Adrian College)  
*Field of Specialization: Education*

Carol Ann Phillips Welch, Lexington  
B.S.Ed. (Ashland College)  
*Field of Specialization: Education*

Michael Vernon Wells, Kettering  
B.A. (Wright State University)  
*Field of Specialization: History*

Marilyn Neiderhiser Wenig, Columbus  
B.S. (Bowling Green State  
University)  
*Field of Specialization: Education*

Beverly Rodda West, Columbus  
B.S. in Edu. (Valparaiso University)  
*Field of Specialization: Education*

Joel Eugene West, Dublin  
B.S. in Edu.; M.Ed. (Furman  
University)  
*Field of Specialization: Music*

Catherine Alene Wharton, Coshocton  
B.S. in Edu.  
*Field of Specialization: Education*

Frank Hood Whitechurch, Columbus  
B.S., M.A., (University of Minnesota)  
*Field of Specialization: Romance  
Languages*

MaryBelle Briney White, Coshocton  
B.S. in Com. (State University of  
Iowa)  
*Field of Specialization: Education*

Nancy Ann Whitmore, Columbus  
B.A. (DePauw University)  
*Field of Specialization: Art*

Lawton Densler Wilkinson,  
Hendersonville, N. C.  
B. of Mus. (Saint Louis Institute of  
Music)  
*Field of Specialization: Music*

Betty Derflinger Wilson, Columbus  
B.S. Ed. (Ohio University)  
*Field of Specialization: Education*

Phillip Melvin Wishon, Ashville  
B.S. in Edu.  
*Field of Specialization: Education*

Daniel Joseph Wnek, Buffalo, N. Y.  
B.A. (Canisius College)  
*Field of Specialization: Education*

Joan Silverman Wolf, Columbus  
B.S. (University of Utah)  
*Field of Specialization: Education*

Donald Eugene Wolfe, Columbus  
A.B. (Adams State College)  
*Field of Specialization: Physical  
Education*

Jack Wood, Jr., Amarillo, Tex.  
B.S. in Edu.  
*Field of Specialization: Physical  
Education*

Charles Edgar Workman, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Stanley Marvin Yabroff, Euclid  
B.S. in Edu.  
*Field of Specialization: Education*

Myrlie Jean Yob, Van Wert  
B.S. in Edu. (Taylor University)  
*Field of Specialization: Education*

Robert Thomas Young, St. Catharines,  
Ont., Canada  
B.A. (Hanover College)  
*Field of Specialization: Psychology*

Robert Edward Zadrozny, Seven Hills  
B.S. in Edu.  
*Field of Specialization: Education*

John Fredrick Zimmerman, Jr.,  
Canfield  
B.A. (Athenaeum of Ohio)  
*Field of Specialization: English*

Michael Charles Zorich, II,  
Reynoldsburg  
B.S. in Edu.  
*Field of Specialization: Education*

## Master of Business Administration

Twenty-three candidates

Larry Jay Bainter, Columbus  
B.B.A. (Ohio University)  
*Field of Specialization: Business  
Administration*

David Alan Barry, Columbus  
B.S.M.E.  
*Field of Specialization: Business  
Administration*

Robert Dean Bocock, Worthington  
B.A. (Wichita State University);  
M.S. (Stanford University)  
*Field of Specialization: Business  
Administration*

Eric Alan Brown, Battle Ground, Ind.  
B.S.A. (Purdue University)  
*Field of Specialization: Business  
Administration*

William Francis Buckley,  
New Brunswick, N. J.  
A.B. (University of Nebraska)  
*Field of Specialization: Business  
Administration*

Gene Frederick Cervi, Yorktown, Va.  
B.S. (College of William and Mary)  
*Field of Specialization: Business  
Administration*

Robert Albert Corea, Niles  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Administration*

John Orton Dilland, Tioga, N. D.  
B.S. (North Dakota State University)  
*Field of Specialization: Business  
Administration*

Richard Anthony Di Lorenzo,  
Rosedale, N. Y.  
B.S. in M.E. (University of Notre  
Dame)  
*Field of Specialization: Business  
Administration*

John Joseph Fedor, Memphis, Tenn.  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Administration*

Charles Jackson Gray, Columbus  
B.S. in Bus. (Indiana University)  
*Field of Specialization: Business  
Administration*

Brent Ernest Johnson, Lebanon  
B.S. in Bus. Adm.  
*Field of Specialization: Business  
Administration*

John Albert Kelting, Cleveland  
B.S. in Bus. Adm.  
*Field of Specialization: Business Administration*

Dennis Walter Kirsch,  
West Portsmouth  
B.Ch.E., M.S.  
*Field of Specialization: Business Administration*

John Albert Kuss, Dayton  
B.M.E. (General Motors Institute)  
*Field of Specialization: Business Administration*

Geoffrey Rickards Louis, Columbus  
B.S. (United States Military Academy)  
*Field of Specialization: Business Administration*

Robert Stephen Lynch,  
Wilmington, Del.  
B.S. (University of Delaware)  
*Field of Specialization: Business Administration*

William Grant Nelle, Jr., Columbus  
B.S. in Bus. Adm.  
*Field of Specialization: Business Administration*

Guy Richard Sattler, Jr., Columbus  
B.S. (Capital University)  
*Field of Specialization: Business Administration*

Ralph John Speelman, III, Dayton  
B.M.E. (Fenn College)  
*Field of Specialization: Business Administration*

James William Suhay, Jr., Bedford  
B.S. (United States Military Academy)  
*Field of Specialization: Business Administration*

Balkrishna Venkatesh,  
Dharwar, India  
B.E. (Engineering College, India);  
M.S. (Purdue University)  
*Field of Specialization: Business Administration*

Carl Joseph Watkins, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: Business Administration*

#### **Master of City Planning**

Six candidates

Lael Elsbeth Adams, Elma, N. Y.  
A.B. (Syracuse University)  
*Field of Specialization: City and Regional Planning*

Olga Wovk Gault, Montgomery, Ala.  
B.A. (Western Reserve University)  
*Field of Specialization: City and Regional Planning*

Jerlene Westenbarger Hargis,  
Port Clinton  
B.A. (University of Oklahoma)  
*Field of Specialization: City and Regional Planning*

David Paul Healey, Potsdam, N. Y.  
A.B. (Colgate University)  
*Field of Specialization: City and Regional Planning*

Madhab Bhakta Mathema,  
Kathmandu, Nepal  
B.C.E. (Jadavpur University)  
*Field of Specialization: City and Regional Planning*

Sara Ann Steiner, Wooster  
B.A. (Wittenberg University)  
*Field of Specialization: City and Regional Planning*

#### **Master of Fine Arts**

Eleven candidates

Eric Donald Barringer, Piqua  
B.F.A. (Miami University)  
*Field of Specialization: Fine Arts (Graphics)*

Annamary Morrin Bierley, Springfield  
B.F.A. (Wright State University)  
*Field of Specialization: Fine Arts (Graphics)*

William Harvey Perkins Binnings,  
New Orleans, La.  
B.F.A. (Tulane University)  
*Field of Specialization: Fine Arts (Sculpture)*

Jerry LaVerne Bontrager, Berne, Ind.  
B.A. (Goshen College)  
*Field of Specialization: Fine Arts (Painting)*

Carolyn O'Donnell Grupenhoff,  
Columbus  
A.B. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Theatre*

Cheryl Ann Hayden, Columbus  
B.A.  
*Field of Specialization: Fine Arts (Ceramics)*

Richard Curtis Howell, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts (Painting)*

Judith Marie McWillie,  
Memphis, Tenn.  
B.F.A. (Memphis State University)  
*Field of Specialization: Fine Arts (Painting)*

Trina Parsons Milefsky,  
Columbia, S. C.  
B.A. (University of South Carolina)  
*Field of Specialization: Fine Arts (Painting)*

Barbara Elizabeth Tanner,  
Willoughby  
B.A. (Westminster College, Pennsylvania)  
*Field of Specialization: Theatre*

Wilbur Lewis Wadlington, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts (Expanded Arts)*

#### **Master of Music**

Three candidates

John Kasson Carter, Columbus  
B. Music (Capital University); M.A.  
*Field of Specialization: Music*

John Sherman Husser, Jr.,  
Reynoldsburg  
B. Mus. (Indiana University)  
*Field of Specialization: Music*

Joyce Elaine Rhoades, Covington  
B. of Mus. (Wright State University)  
*Field of Specialization: Music*

#### **Master of Science**

Two hundred and six candidates

Jose Ramon Acosta-Pujols,  
Santiago, Dominican Republic  
Ingen. (Instituto Tecnológico y de Estudios de Monterrey)  
*Field of Specialization: Electrical Engineering*

Yogesh Chandra Agrawal,  
Bareilly, U.P., India  
B.S. Agr. Engr. (United Provinces Agricultural University, India)  
*Field of Specialization: Agricultural Engineering*

Virginia Fouts Alabbasi, Columbus  
B.S.N. (University of Cincinnati)  
*Field of Specialization: Nursing*

Lois Gradisek Andreas, Lorain  
B.S. in Nurs.  
*Field of Specialization: Nursing*

- Thomas Michael Archer, Sidney  
B.S. in Agr.  
*Field of Specialization: Agricultural Engineering*
- <sup>1</sup> Ralph Daniel Au, Lucas  
*Field of Specialization: Industrial Engineering*
- Dayatra Cezanne Baker,  
Marianna, Fla.  
B.S. (Florida Agricultural and Mechanical University)  
*Field of Specialization: Pharmacy*
- Shiv Kumar Bakhshi,  
New Delhi, India  
B.S. (Eng.) (Panjab University, India)  
*Field of Specialization: Mechanical Engineering*
- Milton Escossia Barbosa, Jr.,  
Fortaleza, Brazil  
Eng. Mech. (Instituto Tecnológico de Aeronautica)  
*Field of Specialization: Welding Engineering*
- Jon Robert Barkhurst, Galion  
B.S.  
*Field of Specialization: Mathematics*
- Basil Alexander Barna, Athens  
B.S. (Ohio University)  
*Field of Specialization: Physics*
- James Kennard Barrentine, Columbus  
B.S. (Mississippi State University)  
*Field of Specialization: Computer and Information Science*
- <sup>2</sup> John Mathew Barton, Waynesfield  
*Field of Specialization: Electrical Engineering*
- Christopher Oscar Bast, Cambridge  
B.S. (United States Military Academy)  
*Field of Specialization: Engineering Mechanics*
- Sandra Perkins Bell, Shelby  
B.S. in H.E.  
*Field of Specialization: Home Economics*
- Rosemary Bliessner, Pittsburgh, Pa.  
B.A. (Mercyhurst College)  
*Field of Specialization: Home Economics*
- Meredith Gene Bond,  
Schenectady, N. Y.  
B.S.  
*Field of Specialization: Pathology*
- John Randall Bowman, Lebanon  
B.S. (College of William and Mary)  
*Field of Specialization: Geology*
- Pearl Martin Brazier, Lancaster, Pa.  
B.S. Ed. (Millersville State College)  
*Field of Specialization: Mathematics*
- William Latham Breunig, Cincinnati  
B. Cer. E.  
*Field of Specialization: Ceramic Engineering*
- Letatia Ann Bright, New Orleans, La.  
B.S. (Southern University and Agricultural and Mechanical College)  
*Field of Specialization: Computer and Information Science*
- Donald Lawrence Broering,  
Maria Stein  
B.S. in Agr.  
*Field of Specialization: Agricultural Education*
- Ronald William Brown, Urbana  
B.E.E.  
*Field of Specialization: Computer and Information Science*
- Kathleen Greenwood Busenkell  
Chicago, Ill.  
B.S. (Loyola University)  
*Field of Specialization: Nursing*
- Sister Elizabeth Ann Byrne,  
Santa Fe, N. M.  
A.B. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Allied Medicine*
- Richard Oliver Careaga,  
Los Angeles, Calif.  
A.B. (Occidental College)  
*Field of Specialization: Geology*
- Robert Eustace Cassidy, Columbus  
B.S. (College of the Holy Cross);  
D.M.D. (Tufts University)  
*Field of Specialization: Dentistry*
- Dinesh Chandra,  
Bahjoi, Moradabad, India  
B.E. (Birla Institute of Technology and Science)  
*Field of Specialization: Electrical Engineering*
- Terry Lynn Chapman, Columbus  
B.W.E.  
*Field of Specialization: Welding Engineering*
- Chin-Long James Chen,  
Tainan, Taiwan  
B.S. (National Chiao Tung University)  
*Field of Specialization: Electrical Engineering*
- Chu Sarah Chen, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Botany*
- Ching Hua Chien, Kaohsiung, Taiwan  
B.S.E. (Taiwan Cheng Kung University)  
*Field of Specialization: Welding Engineering*
- Katrina Hoopes Choate, Columbus  
B.S. (Texas Woman's University)  
*Field of Specialization: Nursing*
- Prasas Chundhnakrua,  
Bangkok, Thailand  
B. Eng. (Chulalongkorn University)  
*Field of Specialization: Civil Engineering*
- Margaret Bengtson Clark, Columbus  
B.S. (University of Connecticut)  
*Field of Specialization: Home Economics*
- <sup>3</sup>Darryl Robert Conner,  
Beaver Falls, Pa.  
*Field of Specialization: Chemical Engineering*
- Robert Franklin Couch, Jr.,  
Carrollton  
B.S. (Capital University)  
*Field of Specialization: Geology*
- Jimmie Ray Courter, Dayton  
B.S.E.E. (Kansas State University)  
*Field of Specialization: Electrical Engineering*
- Jeffrey Martin Cox, Columbus  
B.S.  
*Field of Specialization: Geology*
- Joseph Paul Dalmasso,  
Fayetteville, Ark.  
B.S. (University of Arkansas)  
*Field of Specialization: Microbiology*
- Balakrishnan Dasarathy,  
Tiruchirappalli, South India  
B.E. (University of Madras)  
*Field of Specialization: Computer and Information Science*
- Janet Rosaltha Davis, New Castle, Pa.  
B.S. in Edu. (Youngstown State University)  
*Field of Specialization: Home Economics*
- <sup>1</sup> Also Bachelor of Science in Industrial Engineering, College of Engineering  
<sup>2</sup> Also Bachelor of Electrical Engineering, College of Engineering  
<sup>3</sup> Also Bachelor of Chemical Engineering, College of Engineering

- Melinda Hernandez DeGuzman,  
Quezon City, Philippines  
B.S. (University of the Philippines)  
*Field of Specialization: Chemistry*
- Carole Ann DePaola, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Home  
Economics*
- George Andre Desrochers,  
Fall River, Mass.  
B.S. in C.E. (Northeastern  
University)  
*Field of Specialization: Geodetic  
Science*
- Richard Conrad Dieter, Bayside, N. Y.  
B.S. (University of Notre Dame)  
*Field of Specialization: Mathematics*
- William Henry Diley, Jr.,  
Canal Winchester  
B.S. in Agr.  
*Field of Specialization: Agricultural  
Education*
- Susan Carolyn Dolge, Tiffin  
B.S. (Pennsylvania State University)  
*Field of Specialization: Home  
Economics*
- Sally Ann Doolan, Arcadia, Calif.  
B.S. (University of California, Davis)  
*Field of Specialization: Allied  
Medicine*
- Mark J. Ebersole, Corvallis, Ore.  
B.S. (Oregon State University)  
*Field of Specialization: Computer and  
Information Science*
- Louise Karl Eggers, Tiro  
B.S. (Ohio Dominican College)  
*Field of Specialization: Microbiology*
- Lynn Edward Elfner, Williamsburg  
B.S. in Agr.  
*Field of Specialization: Botany*
- James Homer Engle, South Vienna  
B.S.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Michael Jacob Epstein,  
Brentwood, Mo.  
B.S. (Massachusetts Institute of  
Technology)  
*Field of Specialization: Chemistry*
- Edward Edeburn Erb, Jr.,  
North Olmsted  
B.S.  
*Field of Specialization: Geology*
- Radford Vincent Ewing, Tiffin  
*Field of Specialization: Mechanical  
Engineering*
- Mary Louise Foresman Flickinger,  
Columbus  
B.S. Nurs. (Capital University)  
*Field of Specialization: Nursing*
- John Harris Flora, Xenia  
B.S.E.E. (Ohio University)  
*Field of Specialization: Electrical  
Engineering*
- Karen Adams Foos, Columbus  
B.S. in Edu.  
*Field of Specialization: Botany*
- George Morrison Fraunfelder,  
Lakewood  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Chemistry*
- Stephen M. Freeman, Jr.,  
Valley Stream, N. Y.  
B.S. (Rutgers—The State University)  
*Field of Specialization: Ceramic  
Engineering*
- Karen Sue Gash, River Edge, N. J.  
B.A. (Montclair State College)  
*Field of Specialization: Home  
Economics*
- Kenneth Robert Gebhart, Columbus  
B.I.E.  
*Field of Specialization: Industrial  
Engineering*
- Karen Hall Geizer, Bellville  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Home  
Economics*
- Anne Taylor Glavan, Columbus  
B.S.H.E.  
*Field of Specialization: Home  
Economics*
- Thomas Walter Goettke, Columbus  
B.S. (University of Cincinnati)  
*Field of Specialization: Natural  
Resources*
- Gary Frank Goodman, Cincinnati  
B.A. (University of Hawaii)  
*Field of Specialization: Computer and  
Information Science*
- Oscar Edward Gray, III,  
Bordentown, N. J.  
B.S. (United States Naval Academy)  
*Field of Specialization: Nuclear  
Engineering*
- Dennis Alfred Guenther,  
Fairview Park  
B.S.M.E. (Purdue University)  
*Field of Specialization: Mechanical  
Engineering*
- Robert Charles Gunn,  
Toronto, Ont., Canada  
B.A.S., M.A.S. (University of  
Toronto)  
*Field of Specialization: Geodetic  
Science*
- Raymond Alfred Haeme,  
West Richfield  
B.S. (Bowling Green State  
University)  
*Field of Specialization: Industrial  
Engineering*
- Jack Edgar Hathaway, Columbus  
D.V.M.  
*Field of Specialization: Veterinary  
Pathology*
- John Mark Hefner, Columbus  
B.S. (Capital University)  
*Field of Specialization: Zoology*
- Terry Mosier Helm, Rexburg, Idaho  
B.S. (Brigham Young University)  
*Field of Specialization: Nuclear  
Engineering*
- Robert Edwin Hill, Columbus  
B.S. in Edu.  
*Field of Specialization: Natural  
Resources*
- Mu-Lien Maureen Ho, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Botany*
- Arthur E. Howle, Jr., Euclid  
B.M.E. (General Motors Institute)  
*Field of Specialization: Mechanical  
Engineering*
- Robert Blaine Huguenard, Columbus  
B.I.E.  
*Field of Specialization: Industrial  
Engineering*
- Mmajuogu Onyelankea U. Ikpeama,  
Mbiopong, Oboro, Nigeria  
B.S. (University of Durham, Fourah  
Bay College)  
*Field of Specialization: Geology*
- Carol Ann Imbus, Cincinnati  
B.S. (H.E.) (Nazareth College,  
Kentucky)  
*Field of Specialization: Home  
Economics*
- Sharon Haughey Imbus, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

<sup>1</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering

- Sally E. James, Elyria  
B.A. (Bowling Green State University)  
*Field of Specialization: Computer and Information Science*
- Nikzad Sabet Javid, Tehran, Iran  
D.M.D. (University of Tehran)  
*Field of Specialization: Dentistry*
- T. N. Jayarajan,  
Gudalur Bazar, India  
B. Sci. Eng. (University of Kerala)  
*Field of Specialization: Welding Engineering*
- Joyce Edith Johnson, Mayville, N. D.  
B.S. (North Dakota State University)  
*Field of Specialization: Home Economics*
- \*Larry Alva Johnson, Okeana  
*Field of Specialization: Mechanical Engineering*
- David Franklin Jones, Strasburg  
B.S. (Otterbein College)  
*Field of Specialization: Physics*
- Patricia Dolores Jones, Bellmore, N.Y.  
B.A. (State University of New York at Oswego)  
*Field of Specialization: Zoology*
- Salim Najib Jreissaty, Zahle, Lebanon  
B.S. (American University of Beirut)  
*Field of Specialization: Chemistry*
- Donald Albert Kadunc, Euclid  
B.M.E., M.S.  
*Field of Specialization: Mechanical Engineering*
- Edward Mark Kaiser, Clifton, N. J.  
B.S. (Seton Hall University)  
*Field of Specialization: Chemistry*
- Daryl James Kelly, Newark  
B.S.  
*Field of Specialization: Microbiology*
- Paul David Kelty, Louisville, Ky.  
B.E.E. (University of Louisville)  
*Field of Specialization: Electrical Engineering*
- James Harry Ketcham, Rushville  
B.S. in Agr.  
*Field of Specialization: Agricultural Education*
- Marian Lenhart Keyser, Campbell  
B.S.  
*Field of Specialization: Microbiology*
- Mostafa Khosropour,  
Washington, D. C.  
B.S.M.E. (University of Houston)  
*Field of Specialization: Mechanical Engineering*
- Jong Hyuk Kim, Seoul, Korea  
B.S. (Hanyang University, Korea);  
B.S. Cer. E. (University of Missouri at Rolla)  
*Field of Specialization: Ceramic Engineering*
- Tong Kee Kim, Mokpo, Korea  
B. Pharmacy (Sung Kyan Kwan University, Korea)  
*Field of Specialization: Poultry Science*
- Ruth Leflar King, Oxford  
B.S. in Nurs.  
*Field of Specialization: Nursing*
- Roger Ned Kramer, Worthington  
D.D.S.  
*Field of Specialization: Dentistry*
- Wilma Asbury Kumler, Wilmington  
B.S. (Eastern Kentucky University)  
*Field of Specialization: Home Economics*
- Chun Choon Lam, Ipoh, Malaysia  
B.S. (Manyang University, Singapore)  
*Field of Specialization: Statistics*
- Joyce Ann Landers, Cincinnati  
B.S. in Nurs. (University of Cincinnati)  
*Field of Specialization: Nursing*
- Richard Arthur Lasher,  
Liverpool, N. Y.  
B.A. (State University of New York at Binghamton)  
*Field of Specialization: Computer and Information Science*
- Lawrence Lap Tak Lee,  
Kowloon, Hong Kong  
B.S. (University of Arizona)  
*Field of Specialization: Mechanical Engineering*
- Sandra Faller Leopold, Huron  
B.A. (Otterbein College)  
*Field of Specialization: Home Economics*
- Carl Robert Lieberman, Columbus  
B.S. (Bowling Green State University)  
*Field of Specialization: Chemical Engineering*
- Charles Henry Linert, Solon  
B.S. in Agr.  
*Field of Specialization: Natural Resources*
- Jeannette Chapman List, Grove City  
B.S.  
*Field of Specialization: Home Economics*
- Paul James Little, Girard  
A.B. (Youngstown State University)  
*Field of Specialization: Natural Resources*
- Blanca Dolly Tejada Lopez,  
Medellin, Colombia  
*Field of Specialization: Home Economics*
- Betty Joan Defrees Lorenz,  
Elkart, Ind.  
B.S. in Nurs. (Goshen College)  
*Field of Specialization: Nursing*
- Raymond Julius Luebbers, Akron  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization: Electrical Engineering*
- Joanne Louise Mackin, Columbus  
B.S. in Med. Diet.  
*Field of Specialization: Allied Medicine*
- <sup>1</sup> Glenn Lawrence Mara, Columbus  
*Field of Specialization: Welding Engineering*
- David Lichty Martin, Lancaster, Pa.  
B.A. (Franklin and Marshall College)  
*Field of Specialization: Geology*
- Marianne Maynard, Amsterdam, N. Y.  
B.S. (State University of New York at Albany)  
*Field of Specialization: Mathematics*
- Denis Mee-Lee, Worthington  
M.B.B.S. (University of Queensland, Australia)  
*Field of Specialization: Psychiatry*
- Philip Jerome Meves, Alliance  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- William Frederic Meyer, Danville, Va.  
D.V.M. (University of Georgia); B.S. (University of Wisconsin)  
*Field of Specialization: Veterinary Preventive Medicine*
- Douglas Lawrence Miller, Steubenville  
B.S.  
*Field of Specialization: Physics*
- Larry Wallace Miller, Dayton  
B.S.E.E. (North Carolina State University)  
*Field of Specialization: Electrical Engineering*
- Rickie Lynn Miller, Lima  
*Field of Specialization: Electrical Engineering*

\* Also Bachelor of Science in Aeronautical and Astronautical Engineering, College of Engineering

<sup>1</sup> Also Bachelor of Welding Engineering, College of Engineering

- Thomas Joseph Miller, Columbus  
B.S. (Xavier University); D.D.S.  
*Field of Specialization: Dentistry*
- Thomas William Miller,  
Cleveland Heights  
B.S.E.E. (Carnegie-Mellon  
University)  
*Field of Specialization: Electrical  
Engineering*
- Frank Schriver Mills, Ashland  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*
- Gretchen Curtis Mills, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*
- Hildegard Kauth Minchenko,  
Reynoldsburg  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*
- Judith Auker Moffett, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*
- Raymond Mok,  
Causway Hill, Hong Kong  
B.S. (University of California,  
Berkeley)  
*Field of Specialization: Electrical  
Engineering*
- Marian Gail Moore, Columbus  
B.S.  
*Field of Specialization: Computer and  
Information Science*
- Christine Staudt Moran, Cincinnati  
B.A. (Marymount College, New  
York); B.S.Nurs. (College of Mount  
Saint Joseph on the Ohio)  
*Field of Specialization: Nursing*
- Robert Philip Morgan, Columbus  
B.S.  
*Field of Specialization: Physiology*
- Victor Wayne Motz, Ft. Wayne, Ind.  
B.S. (Purdue University)  
*Field of Specialization: Chemistry*
- William Wallace Muir, III,  
East Lansing, Mich.  
B.S., D.V.M. (Michigan State  
University)  
*Field of Specialization: Veterinary  
Physiology and Pharmacology*
- Stanley Paul Myers, Columbus  
B.S. in Agr.  
*Field of Specialization: Horticulture*
- David Kuo-An Ni, Taipei, Taiwan  
*Field of Specialization: Chemical  
Engineering*
- Barbara Ann Olszewski,  
North Royalton  
*Field of Specialization: Electrical  
Engineering*
- John Lorenz Oswald, Monroe  
B.S.  
*Field of Specialization: Geodetic  
Science*
- Curtis Arthur Pals,  
Grand Rapids, Mich.  
A.B.Ed. (Calvin College)  
*Field of Specialization: Mathematics*
- Sergio Bicudo Paranhos,  
Sao Paulo, Brazil  
Eng.Agr. (University of Sao Paulo  
Piracicaba)  
*Field of Specialization: Agronomy*
- William Alan Poolos, Waverly  
*Field of Specialization: Ceramic  
Engineering*
- Gerald Gene Pope, Bloomville  
B.S. in Nutrition  
*Field of Specialization: Horticulture*
- Kirk Patrick Postier, Wichita, Kan.  
B.S. (Wichita State University)  
*Field of Specialization: Mathematics*
- David Lee Powell, Jr., Glendale, Ariz.  
A.B. (Saint Michael's College),  
D.D.S. (Howard University)  
*Field of Specialization: Dentistry*
- Harold David Prior, Jr., Cincinnati  
B.Cer.E.  
*Field of Specialization: Ceramic  
Engineering*
- Robert Carey Prior, Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Blaine R. Rabe, Coldwater  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*
- Bruce Allan Ramsey, Wooster  
B.S. in Agr.  
*Field of Specialization: Agricultural  
Education*
- David Allan Randall, Dayton  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- John Thomas Randall, Portsmouth  
*Field of Specialization: Ceramic  
Engineering*
- Beverly Ann Raney, Columbus  
B.S. in H.E. (University of Texas)  
*Field of Specialization: Home  
Economics*
- Rajive Ray, Bangalore, India  
B.S. (State University of New York  
at Stony Brook)  
*Field of Specialization: Computer  
and Information Science*
- Anthony Vytautas Razgaitis,  
Mayfield Heights  
B.S. (Cleveland State University)  
*Field of Specialization: Mathematics*
- Ronald Michael Reichert,  
Milwaukee, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization: Physics*
- Claudette Petrie Render, Dayton  
B.S.Nurs. (Meharry Medical College)  
*Field of Specialization: Nursing*
- James Boyd Roane, Norman, Okla.  
B.S. (University of Oklahoma);  
D.D.S. (Baylor University)  
*Field of Specialization: Dentistry*
- Marilyn Margaret Rose,  
Harrisburg, Pa.  
B.A. (Mercyhurst College)  
*Field of Specialization: Home  
Economics*
- Charles Edward Ross, Columbus  
B.A. (North Central College,  
Illinois)  
*Field of Specialization: Preventive  
Medicine*
- Jeffrey Lloyd Rossio, Beachwood  
B.S. (University of Michigan)  
*Field of Specialization: Microbiology*
- Paul Stephen Rutledge, Chillicothe  
B.A. (Kalamazoo College)  
*Field of Specialization: Zoology*
- Kenneth Michael Ryan, New Lebanon  
B.S. (University of Dayton)  
*Field of Specialization: Chemistry*
- Dennis Lee Sawyer, Massillon  
B.S., M.Opt. (University of  
Indiana)  
*Field of Specialization: Physiological  
Optics*
- Dunell Vernon Schull, Columbus  
B.S., B.Chem. (University of  
Minnesota)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Mary Elizabeth Schutte,  
New Orleans, La.  
B.S. (Saint Mary's Dominican  
College)  
*Field of Specialization: Pathology*

<sup>1</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

<sup>2</sup> Also Bachelor of Ceramic Engineering,  
College of Engineering

<sup>3</sup> Also Bachelor of Aeronautical and  
Astronautical Engineering,  
College of Engineering

- Donna Sari Selnick,  
Long Beach, N. Y.  
B.S. (Cornell University)  
*Field of Specialization*: Home  
Economics
- Michael Herman Shaevitz, Columbus  
B.S.  
*Field of Specialization*: Physics
- Roy Kenneth Shearer, Lancaster, Pa.  
B.S.Ed. (Millersville State College)  
*Field of Specialization*: Mathematics
- Albert Dennis Shelton, Marion  
B.S. in Edu.  
*Field of Specialization*: Natural  
Resources
- Francis Lee Shenton, Ames, Ia.  
B.S. (Iowa State University)  
*Field of Specialization*: Chemistry
- Thomas Patrick Sherrin, Dillonvale  
B.S. in Phar.  
*Field of Specialization*: Pharmacy
- Roger Charles Schulze,  
Glastonbury, Conn.  
B.S. Engr. (Brown University)  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering
- Ying Irene Shung, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization*: Botany
- William Paul Skivolecki, Homeworth  
B.S., M.D.  
*Field of Specialization*: Physiology
- Walter Andrew Smith, Kettering  
B.E.E. (University of Dayton)  
*Field of Specialization*: Electrical  
Engineering
- Evangeline Ruth Snider,  
Colorado Springs, Colo.  
B.S. (Marymount College, Kansas)  
*Field of Specialization*: Nursing
- Carlos F. Dias Souto,  
Lisbon, Portugal  
B. Naval Science (Portuguese Naval  
Academy)  
*Field of Specialization*: Geodetic  
Science
- Joseph James Speranza,  
Southfield, Mich.  
*Field of Specialization*: Electrical  
Engineering
- Donna Gail Sperry, Maloneton, Ky.  
B.S. (Morehead State University)  
*Field of Specialization*: Zoology
- James Arlen Spiess, Delaware  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education
- Charlotte Louise Stefanics, Dayton  
B.S. Nurs. (Seton Hall University)  
*Field of Specialization*: Nursing
- Maria Walker Steinbaugh, Columbus  
B.S. Med. Diet.  
*Field of Specialization*: Allied  
Medicine
- Dennis William Stevenson, Columbus  
B.S.  
*Field of Specialization*: Botany
- Vernon Lee Strong, Spencer, S. D.  
B.A. (Greenville College)  
*Field of Specialization*: Mathematics
- Richard Lee Stroshine, Oregon  
B. Agr. E.  
*Field of Specialization*: Agricultural  
Engineering
- Paul Russell Swartz, Perrysburg  
B. Ch. E.  
*Field of Specialization*: Chemical  
Engineering
- Winston Carlisle Swift, Columbus  
B.A. (California State College at  
Los Angeles)  
*Field of Specialization*: Computer  
and Information Science
- John Albert Taylor, Columbus  
B. E. E.  
*Field of Specialization*: Electrical  
Engineering
- Alan Venson Thompson,  
College Station, Tex.  
B.S. (Texas Agricultural and  
Mechanical University)  
*Field of Specialization*: Agricultural  
Engineering
- Michael Peter Thur, Cleveland  
B.S. in Phar.  
*Field of Specialization*: Pharmacy
- Atsushi Toda, Tokyo, Japan  
B. Eng. (Waseda University)  
*Field of Specialization*: Mechanical  
Engineering
- Patricia Alleice Toldan, Dallas, Tex.  
B.A. (Trinity University)  
*Field of Specialization*: Chemistry
- Alice Mae Tommas, Bellevue  
B.S. in H.E.  
*Field of Specialization*: Home  
Economics
- Bruce Galvin Trott, Columbus  
B. E. E.  
*Field of Specialization*: Electrical  
Engineering
- Dimitry Michael Turin, Columbus  
B.S. (Wayne State University);  
D.D.S. (University of Detroit)  
*Field of Specialization*: Dentistry
- Terry Elaine Voss, Bellefontaine  
B.S.  
*Field of Specialization*: Zoology
- Harold Elmer Warvari,  
Lindenhurst, N. Y.  
B.S. (Michigan State University)  
*Field of Specialization*: Biochemistry
- Donna Jeanne Watanabe, Cincinnati  
B.S. Nurs. (University of Cincinnati)  
*Field of Specialization*: Nursing
- William Temerish Watson,  
Rochelle, Ga.  
D.V.M. (Tuskegee Institute)  
*Field of Specialization*: Veterinary  
Medicine
- Larry Russell Wilmore,  
Port Neches, Tex.  
B.S. (Lamar State College of  
Technology)  
*Field of Specialization*: Zoology
- James Lewis Wilson, Strongsville  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education
- Larry Gene Wilson, Van Wert  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education
- Nyebuchi Jonathan Wosu,  
Woji-Obia, Nigeria  
B.S. (Colorado State University)  
*Field of Specialization*: Veterinary  
Medicine
- Chien-Jiun Yeh, Neil-Li, Taiwan  
B. Eng. (Taiwan Provincial College  
of Marine and Oceanic Technology)  
*Field of Specialization*: Welding  
Engineering
- Robert Thomas Yurosko,  
Cuyahoga Falls  
B. M. E.  
*Field of Specialization*: Mechanical  
Engineering
- Susan Bashor Zavotka, Cincinnati  
B.S. in H.E.  
*Field of Specialization*: Home  
Economics

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Vice Provost for Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### College of Social and Behavioral Sciences

Dean: Franklin P. Kirkpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Eight candidates

Thomas Whiteford Boeker, Toledo  
Richard John Bruggeman, Marion  
Susan Beverly Ealy, Hudson  
Lyndell Lewis Hagood,  
Benton Harbor, Mich.  
Marcia Gail Haidin, Columbus  
Michael Joseph Paul, Shaker Heights  
Lawrence Lewis Schiff,  
Yonkers, N. Y.  
Peter Young Wilks, Columbus

### Bachelor of Fine Arts

Twenty-nine candidates

Diane Lynn Adams, Solon  
Dawn Elaine Barber, Perrysburg  
Robert Allen Berkemer, Columbus  
Enid Elin Blechman, New York, N. Y.  
Peggy Jane Bornstein,  
Flushing, N. Y.  
Joelene Joy Contrucci, Pittsburgh, Pa.  
James Lawrence Eichenberger,  
Cincinnati  
Carolyn Cherie Fannin, Fairborn  
Randall Gordon Fisher, Gallipolis  
Mary Ellen Fouser, Shelby  
Joyce Evelyn Harrow, Van Wert  
Cynthia Rae Heckaman,  
Washington, C. H.

Marie Monica Husbeck, Columbus  
Mary Kathryn Jewell, Columbus  
Alan Edward Koppel, Jamaica, N. Y.  
Susan Ilene Kreiter,  
Highland Park, Ill.  
Joan Elizabeth Landsberger,  
Teaneck, N. J.  
Deborah Deen Madden,  
Fairview Park  
Mark Andrew Mahall, Columbus  
Donald Paoletta, Parma  
Neldon Joseph Peacock, Marion  
Robin Louise Ryan, Dayton  
Rita Joan Schwartz, Syosset, N. Y.  
Barbara Louise Slavik, Coldwater  
Lawrence Edward Snider, Columbus  
Vivian Starobin, New Windsor, N. Y.  
Betty Cline Talbott, Columbus  
Lynda Sue Wallenstein, Cleveland  
Robert D. Willson, Jr., Columbus

### Bachelor of Music

Three candidates

Cheryl Frank Hammerman, Columbus  
Paul Alan Miller, Westerville  
James Arthur Ravan, Jr., Akron

**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 43**

### Bachelor of Science in Industrial Design

Three candidates

John Thomas Athey, Akron  
Stephen Ralph Spriggs, Jackson  
Yuk Dan Wong, Norwood

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Three candidates

Martin Allen Drozdowicz, Toledo  
Barbara Lowman Walton, Columbus  
Caroline Clement Whitacre, Morrow

### Bachelor of Science

Forty-two candidates

Richard Aaron Bentley, Findlay  
John Sylvin Brady, Columbus  
Linda Ann Braun, Columbus  
Michael William Callahan, Columbus  
Francis John Campana, Beachwood  
Charles Edward Carter, St. Paris  
Ted E. Darbyshire, Lima  
James Raymond Darwood, Van Wert  
David Allan Dickinson, Toledo  
James Allen Everhart, Columbus  
Stephen Edward Fatzinger, Columbus  
Foster Darrell Ferryman, Springfield  
John Gaillard Fuller, Columbus  
Jane Marie Gross, Hubbard  
Terry Lynn Hackbarth, Worthington  
Margaret Hayden Harrington,  
Lakewood  
Ronald James Hayes, Franklin  
David Elmer Heinlen, Bucyrus  
Francis John Holtzhauer, Columbus  
Kay Isamu Horiba, Jr.,  
Shaker Heights  
Carol Josephine Hoying, Dayton  
William Ernest Johns, Steubenville  
Allan Neil Kolins, Wantagh, N. Y.  
Alan Thomas Kraft, Englewood, N. J.  
Linda Ann Krause, Kettering  
David Byrd Martin,  
Rochester, Minn.  
Gregory Sean McKown, Columbus  
John Michael McMahan, Elida  
Thomas Lee Mock, Parma  
Steven Robert Newman,  
North Randall  
Joyce Kathleen Osborne, St. Marys  
Richard Allan Park, Columbus  
Dennis George Polley, Bellevue  
Dale Allan Rausch, Bedford  
George Pete Shivak, Akron  
Daniel Peter Siminski, Toledo  
Terry Lee Tickhill, Barneseside  
Roger William Toothman,  
St. Louisville  
Judith Marie Torma, East Cleveland  
Susan Miller VanAusdal, Columbus  
David Allen Zito, Wadsworth  
Dennis Dale Zito, Wadsworth

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Eighty-nine candidates

Beatrix Kosmahl Ahlswede,  
Olmsted Falls  
William Dean Barson,  
Walled Lake, Mich.  
David Harvey Bauman,  
University Heights  
Daniel Joseph Boyle, Columbus  
Christine Elaine Campbell, Columbus  
Jerrie Hollifield Campbell, Columbus  
Tracy Dunning Carmichael, Columbus  
John Andrew Chervenak, Lakewood  
James William Clezie, Columbus  
Donald Carl Coffin, Columbus  
Robert Gary Colman, Shaker Heights  
Roger Lawrence Connor, Jr.,  
Columbus  
Dale Roger Corbett, Columbus  
Kathleen Ann Cull, Columbus  
Anne Dolores Daly, Worthington  
Kenneth Bruce Derryberry, Lima  
Terry Lee Dinwiddie, Columbus  
Christopher Sayre Duckworth,  
Columbus  
Roberta Bender Elliott,  
Oxon Hill, Md.  
Larry Eskridge, Shaker Heights  
David Brian Gallup, Painesville  
Barbara Lynn Golden, Cleveland  
Ava Renee Goldman, Akron  
Kathryn Koret Goldsmith, Columbus  
Robert Ralph Goodballet, Greenhills  
Richard Orval Greene, Columbus  
John Douglas Hadacek, Fostoria  
Judith Ann Hagler, Columbus  
Anne Quinn Hale, Worthington  
Ronald Craig Hamilton, Mansfield  
Stanley Mark Hammerman,  
Columbus  
Pamela Stephens Heitz, Columbus  
Steven Jay Henry, Chicago, Ill.  
Donna Jordan Hiles, Columbus  
Patrick Michael Howes, Dayton  
Roland David Johannsen,  
Shaker Heights  
Penny Lynn Johnson, Columbus  
Louise Laten Jones,  
Cleveland Heights  
Helene Sharon Kasavan, Dayton  
Gail Lauderdale, Columbus  
Paul Michael Laurie, Beachwood  
Judith Ellen Lehman, Columbus  
Lana Lensky, Avon

Eric Theodore Lubov, Toledo  
Linda Carol Luoma, Mentor  
Mark Harrison McDougie,  
Worthington  
Edward John McLaughlin,  
Canton, Mass.  
Lawrence Bowler McLaughlin, Lima  
Philip Howard Menendian, Columbus  
Frank Stephen Meszaros, Columbus  
Michael Scott Miller, Toledo  
Stephen Douglas Miller, Kettering  
Michael Terry Mullen, Sidney  
L. Richard Musat, Fairview Park  
Stephen Paul Nagy, Groveport  
Ralph Thomas Nicolosi, Marion  
Deborah Bordenfelter Noe, Cincinnati  
Susan Lynn Olshan, Fort Lee, N. J.  
Sonja Jane Owen, Dayton  
Michael McDonald Parker,  
Reynoldsburg  
Cheryl Anne Pavlik,  
North Muskegon, Mich.  
Michael Thomas Pekarek, Centerville  
George John Pfaff, Columbus  
Joanne Stephanie Phillips,  
Fairview Park  
Paul Christian Pyle, Columbus  
Sherry Neel Rhodes, Columbus  
Robert Alan Ridewood, Columbus  
Eileen Lucile Roberts, Columbus  
Michael Howard Rosen, Columbus  
Nancy Leah Van Kirk Sander,  
Columbus  
Stuart Jeffrey Schatz,  
Bala Cynwyd, Pa.  
Michael Shafran, Cleveland Heights  
Ronald Karam Sheban, Youngstown  
Paul David Shields, Columbus  
\*George Weston Shoemaker,  
Columbus  
Paula Ann Steigerwald, Wooster  
Gregory Lynn Stephenson,  
Portsmouth  
Robert Levern Swires, Mansfield  
Donald Scott Tittle, Shaker Heights  
Beatrice Barth Uhl, Columbus  
Carol Watkins VonderEmbse,  
Mansfield  
William Marvin Wade, Jr., Lima  
Nina Elisabeth Wagner, Canton  
Richard Robert Warfel, Jr.,  
Worthington  
Howard Emmett Welt, Jr.,  
Ogdensburg, N. Y.  
Gregory Kent West, Columbus  
Michael MacLaren Wilson, Columbus  
\*Kate Pratt Wonacott, Columbus  
Paula Kay Young, Canton

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Four candidates

Linda Turley Cochran, Carrollton  
B.S. in Edu.  
Mary Christena Ickes, Dalton  
Robert Frank Nolan, Columbus  
Bruce Shane Tetelman,  
Shaker Heights

### Bachelor of Science

Twenty-nine candidates

Wolfram Hans Andrews, Groveport  
Jerry Lynn Baker, Marysville  
Paul Keith Beaber, New Philadelphia  
David Alan Beery, Columbus  
Michael Joseph Benson, Columbus  
Terry Allen Breinich, Mansfield  
John Thomas Clark, Columbus  
Bruce William Collins, Akron  
Hobart James Crusenberry, Jr.,  
Pennington Gap, Va.  
William Robert Davy, Columbus  
Robert Dean Dawson, Columbus  
Rebecka Anne Dent, Toledo  
John Stanley Domanski, Cleveland  
John Robert Finke, Kettering  
William Alfred Fleak, Columbus  
Donald Douglas Funnell, West Unity  
Luther Gregory Harrington,  
Columbus  
Carolyn Jane Hartley,  
Alexandria, Va.  
Robert William Meadows, Columbus  
Daniel Wayne Morris, Brooklyn  
Thomas Sharp Moser, Fredericktown  
Randall Brad Nehamkin,  
South Euclid  
James Bisset Perry, Middletown  
John Stephen Petrek, Jr., Hubbard  
Harold Lee Reed, Hillsboro  
David Elvin Regula, Columbus  
David Earle Smith, Columbus  
Willard Harry White, Columbus  
Donald Glynn Wilson,  
San Antonio, Tex.

\* Also Bachelor of Science in Education,  
College of Education

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and forty-seven candidates

Allen Robert Aerni, Mason  
Charles Austin Anderson, Dayton  
Thomas Dee Ashton, Columbus  
David Olen Bailey, Peebles  
Donna Jean Balding, Newark  
Joy Del Bebout, Hebron  
Harlee Jean Berson,  
South Orange, N. J.  
Cheryl Lee Bishop, Twinsburg  
Ronald James Bloomfield,  
Columbus  
Margaret Brown Boroff, Columbus  
Jeffrey Steven Bragg, Granville  
Susan Carol Breitsch, Euclid  
Richard Peter Briefstein,  
Clifton, N. J.  
Carter Derek Brown, North Canton  
Pamela Joyce Browning, Hillsboro  
Harvey Bruce Bruner,  
Cleveland Heights  
Laura Kay Burger, Fostoria  
Timothy Allan Burns, Columbus  
Donald Hugh Carey, Columbus  
Denise Ann Carque, Brunswick  
Margaret Lynne Casbourne,  
Ashtabula  
Peter Nelson Cass, Columbus  
Mark Nancy Clarridge, Columbus  
Paula Marianna Clingman,  
Kettering  
Sanford Jerome Cohan, Steubenville  
Lynette Combs, Brookville  
Mary Ellen Cox, Columbus  
Herndon Reginald Cummings,  
Columbus  
Michael David Dale, North East, Pa.  
Stuart Joel Dalkoff, Munster, Ind.  
Suzanne Davidson, Youngstown  
Mark Robert Davis, Worthington  
Gary Dennison Deckard, Newark  
Nancy Ellen de Zarn, Cincinnati  
Ted Howard Downie, Youngstown  
Ludolph James Dreckmeier,  
Columbus  
Robert Lee Ellis, Marysville  
Judith Anne Emerick, East Palestine  
Sue Ann Erdman,  
Buenos Aires, Argentina  
Wayne Gerald Erlandson, Columbus  
Donald James Feldkamp, Lorain

Gregory John Feltman, Toledo  
Mark William Finkel,  
New York, N. Y.  
David Ray Fleiner, Galton  
Peter Michael Florio, Columbus  
Mary Kay Friedrich, London  
Robert John Funk, Cranford, N. J.  
Stuart Irwin Garson, Pepper Pike  
Elizabeth Ann Gaston, Westerville  
Bonnie Schoonover Georgia,  
Columbus  
Carla Elaine Golder, Mansfield  
Janet Hayes Goldsmith,  
Trumbull, Conn.  
Thomas William Gomia, Middletown  
Philip Joel Gordon,  
Longmeadow, Mass.  
Robert Mark Gray, Columbus  
Ernst Karl Haynes, Columbus  
Darrell Lee Heckman, Columbus  
Mary Teresa Hennegan, Columbus  
Jeffrey Dean Hersey, Columbus  
Timothy Louis Hoffman, New Paris  
Sheila Pletz Hubbard, Columbus  
John Henry Hudson, Cincinnati  
Richard Eugene Jackson, Bryan  
Ursula Leonore Janofsky,  
Willoughby  
Jonathan Albert Jaynes, Lakewood  
Thomas Gilmour Jones, Akron  
James Francis Kalasky, Youngstown  
Sarah Sidebottom Kearns, Columbus  
Theodore Charles Keener, Columbus  
Alan Dale Kelchner, Trotwood  
Linda Marie Klapproth, Springfield  
Allan James Knick,  
Virginia Beach, Va.  
Margaret Deborah Kohler, Toledo  
Carl Chandis Kuhns, Delaware  
Raymond Michael Lamb, Columbus  
Carl Henry Lammers, Jr., Columbus  
Myran Elizabeth Lewis, Columbus  
George Clark Luther, Columbus  
Larry David Macintosh, Lorain  
Frederick Dave Macwhinney,  
Gahanna  
Daniel William Male, Parma  
Beatrice Ann Malone, Cleveland  
Joyce Lynn Manos, Dayton  
Judith Ann Crunelle Masterson,  
Columbus  
Stephen Howard Mayerhofer, Avon  
Robert James McDonough,  
Cuyahoga Falls  
Jack Simon Meitzlich, Columbus  
William Joseph Metzger,  
Parma Heights  
Richard Stephen Milesky, Columbus  
Barry Alan Miller, Sandusky

Kenneth Alan Miller, Dayton  
Philip St. John Moore, III, Columbus  
Byron Leslie Mulby, South Euclid  
John Barricklow Mullin, Columbus  
General Grant Oliver, Newark  
Julia Lou Osborne, Columbus  
Roman Pankiw, Cleveland  
Terry Allen Perkins, Stryker  
Holbrook Fahnestock Plummer,  
Columbus  
James Thomas Ramer, Piqua  
Ronald Jay Rawlins, Lancaster  
Janice Raynor, South Salem, N. Y.  
Kenneth William Renker, Lorain  
Barbara Rosemary Ryan, Mansfield  
Tina Schwartz, Bayside, N. Y.  
†Elizabeth James Scott, Columbus  
Michael Angelo See, Chillicothe  
Kennedy Clare Sharrock, Bucyrus  
Elwin Scott Shaw, Bowling Green  
‡Frances Kay Shawhan,  
Mingo Junction  
Brooks John Sheehan, Houston, Tex.  
Mark Frederick Shell, Columbus  
Thomas Alan Shockey, Columbus  
Donald Eugene Showalter, Plain City  
Nestor Oleh Smal-Stocky, Columbus  
Annette Slany Smith, Cleveland  
Larry Eugene Smith, Middleburg  
Laura Ann Smith, Columbus  
Randall MacDonald Speer,  
Worthington  
Effie Jean Spillman, Columbus  
‡James Michael Sproule, Dayton  
Dale Lynn Stoeve, Cincinnati  
Larry Michael Stolle, Dayton  
Alan Wayne Stuckert,  
Pittsburgh, Pa.  
Charles Thomas Sullivan, Columbus  
Laszlo Louis Sziklay, Cleveland  
Kris Lee Ten Eyck, Delaware  
Gary Alan Thomas, Columbus  
Barbara Jane Tierney,  
Merrick, N. Y.  
Chris Bernard Uhlenbrock,  
Cincinnati  
James Nathaniel Upton,  
Sweetwater, Tenn.  
Michael Allan Vogel, Columbus  
Phillip Eston Walker, Columbus  
Gordon Lewis Wall, Columbus  
Marcia Dianne Warden, Columbus  
Orest John Wasyluk, Columbus  
Dawn Suzette Webb, Canton  
John Wesley Wheeler, Jr.,  
Uhrichsville

† Degree granted posthumously  
‡ Also Bachelor of Science in Education,  
College of Education  
‡ Also Master of Arts, Graduate School

Ronald Edward Wilms, Columbus  
Jeffrey Lynn Wilson,  
Las Vegas, Nev.  
Byron Robert Winchell, Frankfort  
Kay Elen Wise, Columbus  
Donald Lee Wiseman, Columbus  
Janette Marie Wright, Austin, Minn.  
Dennis David Wysocki, Columbus  
Richard Donald Yepsen, Columbus  
Annette Lynn Zoll, Mansfield

#### **Bachelor of Science**

Sixteen candidates

Melvia Celestin Bowser, Columbus  
John Fred Cassmer, Garfield Heights  
Carolyn Margaret Close, Columbus  
Robert Gerald Dodley, Columbus  
Alan Miles Elias, Lexington, Ky.  
George Zoltan Koranyi, Columbus  
Richard James Martin,  
West Jefferson  
William Michael Masterson, Berea  
Alicia Virene Risser, Grafton  
Robert Charles Rowland, Columbus  
James Steele Sheahan, Rocky River  
James William Slaughenaupt, Euclid  
Beverly Grappo Smith, Columbus  
John Robert Staup, Tipp City  
Robert Paul Walton,  
Cleveland Heights  
Nancy Kay Wills, Columbus

#### **Bachelor of Arts in Journalism**

Twenty-four candidates

Bradley Clyde Alstadt, Roanoke, Va.  
Roger Brian Barrett, Columbus  
Michael Eddy Blimes, Columbus  
Gail Christine Bryce, Barberton  
Robert Browning Crow, Bay Village  
Kathleen Dobnikar Curtis, Willowick  
Kathleen Patricia Devaney, Hilliard  
Timothy Alan Fought, Chillicothe  
Allan David Franks, Columbus  
Iris Irene Galan, Parma  
Susan Mae Giller,  
Los Altos Hills, Calif.  
Stephen Matthew Glowacki,  
Cleveland  
Terry Arthur Hull, Circleville  
Cynthia Friedman Johnson,  
Greenfield  
Arthur Granville Loeffler, Columbus  
Kathryn Jane McClusky,  
Yonkers, N. Y.

Patricia Ann McCullough, York, Pa.  
Roy Carl Novello, Cleveland  
Robert Kenneth Oster, Cleveland  
Robert Michael Rowan, Columbus  
Bonnie Gayle Schwartz, Cleveland  
Karen Michele Silberman,  
Southfield, Mich.  
James Neilson Stroock, Wooster  
Patrick Hennessy Welsh, Lancaster

### **College of Administrative Science**

Dean: James R. McCoy

#### **Bachelor of Science in Business Administration**

One hundred and forty-five candidates

William Carl Ackerman,  
Fredericksburg  
John Stephen Adamescu, Mansfield  
David Christian Allen, Worthington  
Gail Lynn Altstaetter, Cairo  
Douglas Keith Armbruster,  
Conyngham, Pa.  
Stephen Charles Arnholt,  
Mt. Vernon  
Jackie Lamarr Arthur,  
South Charleston  
Robert Joseph Aumann, Springfield  
Leopold Anthony Avallone,  
Lowville, N. Y.  
B.S.E.E. (Rensselaer Polytechnic  
Institute)  
Garrett Siegler Barnett, Cleveland  
Thomas Raymond Beaty,  
Canal Winchester  
Thomas Ely Bell, Columbus  
Randy Lowe Bennett, Lafayette  
Thomas Jay Black, Urbana  
Gregory William Blaine, Toledo  
Michael David Bleiweiss,  
University Heights  
Myron Paul Boetticher, Smithfield  
Harry Peter Bourne, Lyndhurst  
Larry Arthur Breinich, Mansfield  
James Chandler Britton, Columbus  
Bruce Alan Buckley, Cincinnati  
Kevin James Burns, Cincinnati  
Thomas Carvour, Lorain  
Douglas Kenney Chapman,  
Port Clinton  
Martin Joseph Conry, Amherst  
Richard Woodson Crum, Galloway  
Charles Allen Curie, Cleveland  
Roland George Dague, Jr., Lodi  
Frederick Davis, Cleveland  
Robert Joseph Deardurff, Newark  
Jose Maria Delacruz, Waynesburg  
Denny DeMatts, North Canton  
John Procter Dickey, Marietta  
Gerald Edward Dill, Groveport  
Thomas William Doekus, Akron  
Thomas James Donley, Columbus  
Menachem M. Dorn, Holon, Israel  
Thomas Buchanan Drake, Columbus  
John Cosmo Elsbree, Columbus  
Gary William Erler, Columbus

Jeffrey Eric Essak, Toledo  
 Gregory Francis Fields,  
   North Olmsted  
 Edwin Allen Fleming, Amherst  
 Philip Edward Fletcher, Columbus  
 Linda Ruth Friedman, Chillicothe  
 Richard Paul Friedman,  
   Great Neck, N. Y.  
 Dennis Ray Fryman, Prospect  
 Robert Andrew Gammill, Columbus  
 Robert Francis Gates, Cleveland  
 Stuart Allen Gelb,  
   University Heights  
 Thomas Joseph Gray, Marion  
 Darryl Haas, Columbus  
 Gerald Allison Haas, Medina  
 John Edward Hajjar, Huntsburg  
 Allan William Harker,  
   Fairview Park  
 Charles Dudley Hawkins, Columbus  
 Robert Wilson Henderson, II,  
   Dundee, Ill.  
 Stephen Howard Hersch, Beachwood  
 Thomas Matthew Hobe,  
   Richmond Heights  
 David Frank Hovevar, South Euclid  
 Adonice Jeanne Hoffman,  
   Muskegon, Mich.  
 Laurence Micheal Holbert,  
   Warrington, Pa.  
 Benjamin Foster Honeyman,  
   Greenville  
 William Lawrence Hoy, Columbus  
 John Sylvester Hoying, Sidney  
 Charles Courtland Huber, Jr.,  
   Bourbonnais, Ill.  
 John Elton Hulme, Monroeville, Pa.  
 Stephan Arthur Huston, Mt. Gilead  
 John Elmer Hykes, Coshocton  
 Dennis Richard Joherl, Cleveland  
 Roger Ray Joseph, Cymnet  
 Robert Allen Judson, Worthington  
 John Geoffrey Kabealo, Columbus  
 Roger Alan Katz, South Euclid  
 Ronald Lee Ketchum, St. Marys  
 Jerome Davis Keyser, Hinsdale, Ill.  
 Karen Lou Klimaski, Youngstown  
 Thomas Loren Klug, Dayton  
 Richard Lee Kolesar, Columbus  
 Dennis Raymond Kuhn, Ironton  
 Joel Martin Landau, Beachwood  
 Kent Arne Willy Larsson,  
   Malmo, Sweden  
 Stanley Laybourne, Columbus  
 Daniel Kincaide Leggett, Columbus  
 Kenneth John Lindsay, Jr.,  
   Cuyahoga Falls  
 Thomas Arthur Loeffler, Toledo

William Carl Lucas, Jr., Columbus  
 Andrew Dennis Luzi, Warren, Mich.  
 Richard Easton Lyle, Cincinnati  
 David Wayne Majors, Woodsfield  
 Bruce William Marks,  
   Shaker Heights  
 Edward John Maurer, Detroit, Mich.  
 Nicholas Dean Maxson, St. Paris  
 Thomas David McConnell,  
   Mingo Junction  
 Wayne Clayton McLaughlin,  
   Beliefontaine  
 Robert William Mens, Toledo  
 Robert Lynn Meyer, Rocky River  
 Daniel Kirwan Miller, Lima  
 Richard Gerald Milligan, Marion  
 Kenneth Taylor Misener, Niles, Ill.  
 Simon Benjamin Misrac, Skokie, Ill.  
 Richard Lee Montgomery,  
   Mt. Vernon  
 Robert Emerson Moody, Marion  
 Gary Michael Mooney, Columbus  
 George Allen Morales, Lakewood  
 Todd Robert Morris, Columbus  
 Leon K Muler, Dayton  
 Daniel Nabonne, Ajaccio, France  
 Craig Olin Newman, Troy  
 Timothy Allen Oliver, Versailles  
 John Herman Olt, Dayton  
 Larry Wayland Ondick, Parma  
 Myron Wallace Osborn, III,  
   Bay City, Mich.  
 Gary Lloyd Parker, Scotrun, Pa.  
 Larry Ellis Penix, Canton  
 Charles Thomas Pohlbel, Lima  
 Dean Alan Pokrandt, Columbus  
 Richard Brooks Ramer, Piqua  
 Susan Marie Reiber, Vermilion  
 Thomas Davis Reynolds, Columbus  
 John F. Roche, Newark  
 Steven Elliot Rosenbaum,  
   Clifton, N. J.  
 James Joseph Schmidt, Akron  
 Gregory Joseph Schuler,  
   Trenton, N. J.  
 Donn McCoy Schumaker, Columbus  
 John Joseph Sherwood, Homeworth  
 Larry Leslie Simpson, Canton  
 Michael Spurlock, Dayton  
 Tony Joe Stevick, Lima  
 Daniel Joseph Tague, Columbus  
 Holly Thomas, Chattanooga, Tenn.  
 Charles Thomas Tull, Dayton  
 Charles Emerson Turvy, Dayton  
 Charles Donald Tyndall, Newark  
 Stanly Phillip Vanlandingham,  
   Cincinnati  
 Thomas Peter Warner, Akron  
 David Horace Watkins, Valdosta, Ga.

Miriam Kay Myers Weigler,  
   Loudonville  
 Thomas Lee Wernecke, Columbus  
 Nanci Nixon Whiteman, Mansfield  
 Patrick Joseph Williamson,  
   Columbus  
 Russell Wayne Wright, Forest  
 Douglas Earl Young, Loudonville  
 Abdulwahab Ahmad Zayani, Bahrein  
 Stephen Kalman Zywtowot,  
   West End, N. J.

#### School of Social Work

#### Bachelor of Science in Social Welfare

Eighteen candidates

Barbara Arrowsmith Agena,  
   Westerville  
 John Drake Ambrosino, Kettering  
 Oneta E. Bradford, Columbus  
 Donna Marie Burke, Cleveland  
 Christine Hall Carr, Toledo  
 Cheryl Lynn Denton, Westerville  
 Doreen Ann Helias,  
   North Brunswick, N. J.  
 George James Kostura,  
   Chagrin Falls  
 Donald Jeffery Latta, Columbus  
 Susan Louise Lowrie, North Olmsted  
 Deborah Louise Mudrak, Westerville  
 James David Oppermann, Bluffton  
 Mark Eugene Orf, Columbia, S. C.  
 Karen Ann Shigley, Marion  
 Cynthia Ann Smale, Delaware  
 Charlotte Juanita Stanford, Dayton  
 Alexandra Cyncyn Terry,  
   East Liverpool  
 Mary Judith Porter Tolle,  
   Greensboro, N. C.

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Thirty-nine candidates

Roger Dale Alderman, Powell  
Thomas John Andrews, Beach City  
Bruce Martin Armstrong,  
New Carlisle  
Donald Anthony Bihl, Wheelersburg  
Henry Michael Biubaugh, Danville  
James Gregory Clark, Lima  
Robert Charles Duckworth, Jr.,  
Columbus  
John William Francis, Fremont  
Donald Edward Hair, Miami, Fla.  
Timothy Allen Harman, Uniontown  
James Michael Heilman,  
New Carlisle  
William Joseph Hoffman, Prospect  
Deborah Lynn Okerlund Houck,  
Johnstown  
Steven Albert Hunziker, Millersport  
Deryl Alan Johnston, Bellbrook  
George Lynn Keep, Coshocton  
John Greene King, Fleming  
William Henry Klingler, Jr., Newark  
Alvin Addison Kolp, Fort Recovery  
Bruce Robert Lanich, Dayton  
Nancy Jane Lloyd, Youngstown  
John Conrad Miller, Columbus  
James Albert Mitchell, Springfield  
Richard Layne Myers, Alliance  
Jeffrey George Nameth, Youngstown  
Thomas Werner Richards,  
North Canton  
Robert Loren Roberts, Hilliard  
Mark Elliot Roseman,  
Rockaway Park, N. Y.  
Douglas Charles Sauer, Wapakoneta  
Timothy Harlan Schoonover,  
Worthington  
Gary Stephen Sweet, Endwell, N. Y.  
Steven Donn Thomson, Dayton  
James Witteman Trapp, Columbus  
Steven Douglas Ulrey, Cardington  
Reed Curtis Varian, Canton  
James Bentley Wayman, Jr.,  
Waynesville  
Mark Thomas Weaver, Dayton  
Barbara Victoria Wells, Findlay  
Roy C. Wittich, Glendale, N. Y.

### Bachelor of Science in Dairy Technology

One candidate

Donald Eugene Greenlee, Bridgeport

### School of Home Economics

#### Bachelor of Science in Home Economics

Forty-three candidates

Bonnie Sue Beck, Clifton  
Mary White Beittel, Columbus  
Sue Ellen Bell, Mt. Perry  
Connie Marnor Birnbaum, Cincinnati  
Patricia Ann Brown,  
Powhatan Point  
Mary Lou Burton, Marion  
Shirley Joan Cook, Attica  
Maureen Anne Dempsey, Columbus  
Vickie Knickel Dutt, Marion  
Dorrie Adams Emmons,  
Strongsville  
Barbara Carole Galbraith,  
Columbus  
Ruth Hartman Henney, Mansfield  
Carol Lynn Hoch, Prospect  
Edith Scott Hoffman, Columbus  
Linda Jane Hulsmeier, Kettlersville  
Joanne Louise Jolliff, Columbus  
Julie Lynn Kinser, Mayfield Heights  
Donna Ann Krehel, Seven Hills  
Kathryn Ann Lafferty, Columbus  
Nancy Eicher LeRoy, Fairfield  
Mary Jane Magill, Dayton  
Valerie May, Circleville  
Deborah Booth McKnight, Columbus  
Dorcas May Miller, Lexington  
Mary Margaret O'Brien, Fairborn  
Barbara Jean Ofrenzo, Columbus  
Kirsten Lindquist Ohle, Columbus  
Christine Workman Phillips,  
Canfield  
Vija Veldre Purs, Marion  
Kathleen Louise Rizer, Springfield  
Peggy Ann Rohde, North Olmsted  
Denise Christine Russo,  
Winchester, Mass.  
Miriam Rose Schreiber,  
Southampton, Pa.  
Martha Hart Sinkhorn, Kettering  
Diane Buckenmeyer Smith, Swanton  
Nancy Elliott Streng, Milford Center  
Claudia Cramer Tufano, Mansfield  
Tamara Ann Unverferth, Kalida  
Tamara Berthone Wegner,  
Westerville

Janet Elaine Wilkins, Worthington  
Linda Kay Wright, Newark  
Terry Ann Wynd, Worthington  
Catherine Bowden Yarman,  
Mt. Vernon

## College of Dentistry

Dean: John R. Wilson

### Doctor of Dental Surgery

Four candidates

Robert Clark Ankerman,  
Wapakoneta

Andrew Klenotic, Jr.,  
West Richfield  
B.A.

Michael George Marks, Middletown

David Gene Miller, Zanesville

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Two hundred and ninety-four candidates

Susan Marie Adornetto, Cleveland  
John William Alden, Columbus  
Catherine Jones Allen, Youngstown  
Stuart Lee Appelbaum, Cleveland  
John Lee Armstrong, Galloway  
Donald Lynn Arnold, Killbuck  
Ann Seabright Axner, Lakewood,  
B.A.

Joan Hefflinger Baden, Gomer  
Donna Dockery Baker, Columbus  
Susan Kay Bean, London

Leslie Marsha Bear, Harrisburg, Pa.  
Lois Jean Beer, Mansfield  
Marsha Lorraine Berg,  
Cummack, N. Y.

Robert Edward Berlin, Columbus  
Michael Eugene Berry, Columbus  
Allen Burton Binckley, Newark,  
B.A.

Anthony Francis Biscuso, III,  
Columbus

G. Brent Bishop, Columbus  
Judith Presser Blott,  
Cleveland Heights

Susan Phame Bodle, Newark  
Frederick Wayne Bourgeois,  
Columbus

Carolyn Veenoy Bradley, Blacklick  
Marsha Hughes Bradley, Columbus  
Bonnie Louise Bright, Dayton  
Wesley David Bromley,  
McKees Rocks, Pa.

Marsha Brown, Miami, Fla.  
Monica Lee Buerkel, Coshocton  
John Robert Burchinal, Columbus  
Linda Herdman Burns, Worthington

Sally Hart Bushong, Delaware  
Shirley Anne Calvelage, Delphos  
Christine Elaine Cardasis, Lorain  
Victoria Savko Carpenter, Columbus

Robert Eugene Carroll, Columbus  
Linda Kay Cartwright, Springfield  
Ruth Jean Catlin, Westerville  
Ronald Wade Catron, Massillon

Barbara Ann Chambers, Grove City  
James Mitchell Clemons, Columbus  
Elizabeth George Cole, Columbus  
Pamela Sue Conaghan, Lima

Rosanne Keller Conley, Shelby  
Michael Craig Cooper, Columbus  
Melody Aline Cornett, Columbus  
Daniel Edward Cothran, Columbus

David Samuel Cromer, Sandusky  
Anita Pauline Culver, Galena  
John Edward Cummings, Jr.,  
Cincinnati

Kathryn Lydia Danku, Mantua  
John Watson Davis, Columbus  
David Arthur Denner, Columbus  
Susan Lang Dickinson, Kettering  
Barbara Sweney Diebler, Bucyrus  
Glenn Lewis Diebler, Bucyrus  
Reed Kenneth Dils, Kettering,  
B.S. in Agr.,  
Lindy Niermann Doles, West Milton  
Rosemary Stevenson Dorff,  
Westerville

Michele Faith Dremmer,  
Mayfield Heights  
James Marshall Dresser,  
Fairview Park

Judith Louise Eastman, Marion  
David Nicholas Eickholt, Delphos  
Mary Margaret Elkin, Mt. Gilead  
Robert Lewis Ellis, Mansfield  
Diane Langley Farahay, Galion  
Wendell Eugene Farley, Newark  
Charlotte Mills Farren, Columbus  
Daniel Thomas Fay, Galion  
Maureen Brightman Feinstein,  
Rochester, N. Y.

Sherry Louise Feitz, Rocky River  
Judy Elaine Felman, Dayton  
Beverly Jean Ferrall, Marion  
Michael Jay Feyh, Columbus  
William Allen Finley, Columbus  
Linda Sue Fischer, Circleville  
Patricia Sue Fiste, Dayton  
Linda Kay Fleiner, Galion  
Connie Fletcher, Sylvania  
Absalom Thomas Forshey, Columbus  
Ariadna Roy Foureman, Columbus  
Carolyn Kathleen Frankel,  
Beachwood

Andrew D. Franklin,  
Queens Village, N. Y.

Janet Anne Franklin,  
Little Rock, Ark.

Elizabeth Madre Frost, Columbus  
Jean Irene Fulton, Columbus  
Mary Louise Gasser, Logan  
Cheryl Ann Bayer Gavlus,  
Martinsburg, W. Va.

Ellen Lynn Getelman,  
Mt. Vernon, N. Y.

Patricia Mangan Gifford,  
North Olmsted

Kim Terri Goulder, Cleveland  
Gail Ann Gracie, Malverne, N. Y.  
Sandra Elaine Green, Cleveland  
Barbara Rita Greenberg,  
Shaker Heights

Keith Allan Groff, Columbus  
Ann Gertrude Grubbs,  
Los Angeles, Calif.

Karin Corrigan Hamilton, Marion  
 Karen Rae Hansen, Kettering  
 Constance Lee Harger,  
   Maple Heights  
 Carol O'Neal Hartley, Edison  
 Connie Sue Harvey, Wilmington  
 Teresa Flahive Heald, Delaware  
 John Gale Heck, Gahanna  
 William Robert Heckman, Lima  
 Ralph Michael Hedges, Solon  
 Deborah Lou Heil, St. Marys  
 Bernard John Hickey, Delphos  
 Nancy Jo Hildebrand, Cardington  
 William Hilton, Columbus  
 Jane Elizabeth Hodge, New Carlisle  
 Madeline Deighton Holt, London  
 Katherine Pound Hooge, Newark  
 Jacquelyn Kay Hornbeck,  
   South Vienna  
 Nancy Katherine Huntsman,  
   Columbus  
 Ellen Lynne Irwin, Youngstown  
 Sarah Alice Jackson, Marion  
 Ruth Elizabeth James, Marion  
 Michael Morris Janton, Columbus  
 John Paul Jarvis, Columbus  
 Dan Frederick Johnson, Columbus  
 Janet Cass Johnson, Mt. Gilead  
 Victoria Gatwood Johnson,  
   Columbus  
 William Burger Johnson, Columbus  
 Gary Eugene Jolliff, Marion  
 Gerald Craig Juniper, Newark  
 Richard Paul Kaplan,  
   Mayfield Heights  
 Judith Ann Kassouf, Lakewood  
 Cheryl Eileen Kaufman, Akron  
 Elizabeth Clark Kazee, Caledonia  
 Doranna Virginia Kelley, Columbus  
 Patricia English Kelting, Cleveland  
 Rosemary Ruffing Kennedy,  
   Columbus  
 Jonathan Richard Kerr,  
   Cleveland Heights  
 Barbara Gae Kesselring, Tallmadge  
 Kathleen Yvonne Kimmel,  
   New Brighton, Pa.  
 Linda Suzanne King, Dayton  
 Linda Silverthorne Kucalaba, Toledo  
 June Williams Kuhn, Bucyrus  
 Gwendolyn Lois Lane, Columbus  
 Suzette Elizabeth Latham, Newark  
 Shirley Hambel Layton, Columbus  
 Constance Jo Leedy, Gallipolis  
 Sally Hood Leslie, Columbus  
 Elizabeth H. Levy, Lorain  
 Linda B. Lewis, Dayton  
 Gail Marie Lingert, Cincinnati  
 Diane Marie LiPuma, Cleveland  
 Beatrice Livingston, Chicago, Ill.  
 Susan Bowen Luck, Columbus  
 Mary Frances Luckino, Columbus  
 Dana Marie Lutz, Columbus  
 Pamela Sue Lyons, Ironton  
 Gary Dennis Madden, Reynoldsburg  
 Alice Outland Maier, Huntsville  
 Valerie Gluck Markowitz, Cleveland  
 Richard David Martel, Cleveland  
 Ned Millington Maxwell, Columbus  
 Sharyl Davis McCall, Dayton  
 Karen Karstetter McCann,  
   Youngstown  
 Rebecca Lou McDowell,  
   Columbus Grove  
 Larry Dean McFadden, Bellefontaine  
 Molly Grove McKnight, Columbus,  
   B.A., M.B.A.  
 James Thomas McLoughlin,  
   Columbus  
 Judith Howard McMahon, Columbus  
 Sandra Kay McManus, Cambridge  
 Jean Dalzell McVicar, Mansfield  
 Bonna Lee Meagher, Newark  
 Bette Speciale Miller,  
   West Hartford, Conn.  
 Jane Sowecke Miller, Huron  
 Christine Kae Moening, Lima  
 Joseph Montgomery Moore, Tiffin  
 Karen Porter Morrison, Johnstown  
 Georgia Ann Mowery, Lima  
 Ann Troike Myers, Sandusky  
 Joan Lamoreaux Myers, Mt. Gilead  
 Carolyn Pennington Noble,  
   Plain City  
 John William Noe, Jr., Trotwood  
 Lois Katherine Noll,  
   North Ridgeville  
 Terrell Anne Northrup, Rocky River  
 Bonnie Ann Odgers, Columbus  
 Judith Stuchel O'Keefe, Columbus  
 Anne Fleming Orahood, Prospect  
 Annette Marie O'Rourke, Columbus  
 Susan Edith Osborn, Bay City, Mich.  
 Geraldine Nan Paige, Columbus  
 Eddie Lewis Parks, Columbus  
 David Jon Partington, Newark  
 Marilyn Ann Perko, Euclid  
 Colette Redd Peterson, Mt. Sterling  
 Carole Ann Phillips, Columbus  
 Cathy Salt Popiel, Columbus  
 Tinka Soike Powell, Trotwood  
 Brenda McCoy Printy,  
   East Liverpool  
 Paula Blanche Pritchard, Hilliard  
 Janice Lynn Profant, Lorain  
 Robert Morgan Ransom, Columbus  
 Clarence Edward Reavling,  
   Columbus  
 Sarah Scott Reed, Mansfield  
 Paul Allen Resnik,  
   University Heights  
 Kathleen Frances Reynolds,  
   Columbus  
 Linda Jean Richard, Mansfield  
 Linda Baskind Rosenberg,  
   Chicago, Ill.  
 Susan Rosner, South Euclid  
 Donna Jean Rossi, Lima  
 Priscilla Cooke Routh, Columbus  
 Paula Jean Rubin, Beachwood  
 Michael Rusinko, Jr., Columbus  
 Lenora Louise Russell, Toledo  
 William Craig Rutledge,  
   Portland, Conn.  
 Daniel Cody Ryan, Columbus  
 Barbara Elizabeth Salvatore,  
   Columbus  
 Linda Kay Chamber, Mansfield  
 Marsha Lee Scheffler,  
   Eastchester, N. Y.  
 Heddy Margaret Schiff,  
   Englewood, N. J.  
 James Fenton Schmid, Columbus  
 Judith Loretta Schroeder,  
   Columbus Grove  
 Cathy Carol Scott, Columbus  
 Maxine Cunningham Scott,  
   Coshocton  
 Georgia Louise Seaton, Shelby  
 Linda Louise Seaton, Marion  
 Karen Anne Seifert, Mansfield  
 Elizabeth Ann Shaffer, Ashland  
 Sevie Rae Shar, Columbus  
 Nancy Eppley Shaw, Stockport  
 Robert Wayne Shaw, Lima  
 \*Frances Kay Shawhan,  
   Mingo Junction  
 Vivian Sue Shelist,  
   Miami Beach, Fla.  
 Diana Cochran Sheridan, Cincinnati  
 Marilyn Kay Sherman,  
   Cleveland Heights  
 °George Weston Shoemaker,  
   Columbus  
 Barbara Rose Silver, Canton  
 Anne Cheryl Slane, Columbus  
 Frederick Lee Smith, Newark  
 Jessica Faye Smith,  
   Ypsilanti, Mich.  
 John David Smith, Lucasville  
 Pamela Edythe Smith, Cleveland  
 Susan Isabel Snider, Lakewood  
 Sharon Iris Solomon, Akron  
 Nancy Rose Spitzer, Cleveland  
 Deborah Latshaw Steller, Columbus

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

One candidate

'David Allan Randall, Dayton

### Bachelor of Science in Aeronautical and Astronautical Engineering

Eight candidates

Dennis Paul Beres, Hialeah, Fla.  
George David Carpenter, Lima  
Jon Michael Cerneck, Sandusky  
'Larry Alva Johnson, Okeana  
Hans Fritz Wilhelm Maertins, Shelby  
Stephen Donald Smith, Dublin  
Kirk Thomas Westervelt, Westerville  
Michael John Williamson, Lockport, N. Y.

### Bachelor of Science in Agricultural Engineering

Two candidates

Daniel John Blatter, Hebron  
Thomas Gram Brosey, New Carlisle

### Bachelor of Ceramic Engineering

Two candidates

'William Alan Poolos, Waverly  
'John Thomas Randall, Portsmouth

### Bachelor of Chemical Engineering

Six candidates

'Darryl Robert Conner, Beaver Falls, Pa.  
Michael Anthony Curran, Bellaire  
Joseph James Fair, New Philadelphia  
David Russell Miller, South Euclid  
James Francis Roff, Mandan, N. D.  
Roy Shaukai Yang, Kowloon, Hong Kong

\* Also Bachelor of Arts, Colleges of the Arts and Sciences  
' Also Master of Science, Graduate School

Patricia Marras Steveley, Kettering  
Margaret Ollie Stewart, Marion  
Sandra Aileen Stienecker, St. Marys  
Marilyn Jean Stitz, Tallmadge  
Mary Evans Stockdale, Reynoldsburg  
Carol Lynn Stone, Columbus  
Sara Patricia Stubblefield, South Boston, Va.

Betty Lee Stull, Mt. Vernon  
Barbara Lynn Surloff, Cleveland  
Linda Ann Swaney, Burton  
Joseph Robert Sweeney, Columbus  
Ronald Gene Swenberg, Canton  
Donald Russell Tefner, Tallmadge  
Peter Gustav Thielen, Cincinnati  
Karen Marie Thome, Elyria  
Fray Carolyn Thompson, Steelton, Pa.

Raymond James Tindira, Cleveland  
Betty Lurene Toney, Columbus  
Arvo Wayne Toukonen, Jefferson, B.S.

Susan Carol Tucker, Mayfield Heights  
Karen Talitha Vance, Mt. Sterling  
Kurt Vincent Varga, Columbus  
Debra Lynn Vinocur, Cleveland  
Eugene Allan Visnic, Columbus  
Eric Phyllis Selvage Volz, Springfield  
Raymond Aubery Wable, Mansfield

Mary Claire Wagner, Piqua  
Michael P. Walcoff, Groveport  
Robert John Walker, Jr., Columbus  
Mary Tiburzio Wallace, Newark  
Rebecca Sue Wallace, Galion  
Marc Steven Walter, South Euclid  
Ann Elizabeth Washburn, Marion  
Judith Allgower Watterson, Richwood

Elena Colunga Wehby, Columbus  
Mary Hastings Weisheimer, South Charleston  
Mildred Manuel West, Columbus  
Gail Jones Wetterauer, Worthington  
James Eugene White, Columbus  
Marilyn Murphey White, Columbus  
Mary Katherine Whited, Lexington  
Robert Bruce Whytal, Chatham, N. J.  
Rose Ann Wickersham, Caledonia  
Nancy Kelley Wickert, Columbus  
Janet Follett Wirick, Lexington  
Karen Ann Wisotsky, Brooklyn, N. Y.  
Julia Ann Wohleber, Pittsburgh, Pa.

Gerald Patrick Wolfe, II, Columbus  
\*Kate Pratt Wonacott, North Canton

Robert Hawthorne Wood, Richmond, Va.  
Sylvia Templeton Workman, Newark  
Jane Audrey Yeager, Medina  
Donna Rae VanWinkle Young, Wauhonding  
Patricia Sanders Young, Marion  
Gunther Bernhard Zahn, Mansfield  
Sandra Lee Zurmehly, Troy

### Bachelor of Art Education

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

Nine candidates

Jan Richardson Arlinghaus, Galloway  
Jenna Lou Berg, Dalton  
Laura Elizabeth Chastain, Columbus  
Ellen Jane Flynn, Greenfield  
Kathleen Baloy Freund, Columbus  
Sherry Beth Lind, Chicago, Ill.  
Angela Howison Nicholson, Columbus  
Charleen Turpin Schifer, Columbus  
Gayle Funderburg Wyroba, Vandalia

### Bachelor of Music Education

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

Five candidates

David Morris Arter, Upper Sandusky  
Charles Emery Cramer, Columbus  
Daphne Davisson Magnusson, Delaware  
Sue Burris Stutz, St. Marys  
Nancy Louise Vollmer, Castalia

**Bachelor of Science in  
Chemical Engineering**

Six candidates

Richard Lewis Baker, Freeport  
Thomas Joseph Jere, Lorain  
Karen Louise Lafferty, Shelby  
Thomas Lombardo, Columbus  
William Edwin Pritchard, Circleville  
Francois Song, Wilkes-Barre, Pa.

**Bachelor of Civil Engineering**

One candidate

Richard Harry French, Chillicothe

**Bachelor of Science in Civil Engineering**

Ten candidates

Joseph Charles Booher, Tipp City  
Paul Reuben Chilton, Columbus  
Larry Lee Cole, Columbus  
Robert Lee Eaton, Columbus  
James Middleton Head, Westerville  
Bruce Alan Henz, Parma Heights  
Anthony Craig Hurless,  
Donelson, Tenn.  
William Henry Lutz, Nankin  
Richard David Paddock, Galloway  
Jerry Allen Reiniger, Columbus

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

Twelve candidates

Douglas Gordon Arnold,  
Rochester, Mich.  
Joseph Steven Francosky, Painesville  
Ben Howard Franz, Columbus  
Mark Harris Gross, Little Neck, N. Y.  
Stephen Russell Hall, Dayton  
Vincent Paul Kazmer, Waukegan, Ill.  
Herbert Edwin Marine, Galion  
Terrance Robert Moore, Wooster  
John Lee Morrow, Wellston  
Mark Timothy Neibert,  
Berkeley Heights, N. J.  
Kenneth Leslie Okeson,  
Cherry Hill, N. J.  
William Dale Van Schoyck, Jr.,  
St. Marys

**Electrical Engineer**

One candidate

Norman John Leck, Columbus  
B.S.E.E. (University of Toledo)

**Bachelor of Electrical Engineering**

Two candidates

\*John Mathew Barton, Waynesfield  
\*Barbara Ann Olszewski,  
North Royalton

**Industrial Engineer**

One candidate

Terry Dale Oates, Chagrin Falls  
B.S.I.E.

**Bachelor of Industrial Engineering**

Two candidates

\*Ralph Daniel Au, Lucas  
Michael George Hartman, Reading

**Bachelor of Science in  
Industrial Engineering**

Six candidates

Robert Baxter Belz, Berea  
Steven Samuel Cohn, Shaker Heights  
Jerald Lynn Duff, Willshire  
William Roy Griffith, Hebron  
Stephen Russell Hall, Dayton  
Brett Alan Thompson, Coshocton

**Bachelor of Mechanical Engineering**

Four candidates

William Randall Edwards,  
Worthington  
\*Radford Vincent Ewing, Tiffin  
Donald Booth Sims, Jr., Marietta  
James Lee Vance, Londonderry

**Bachelor of Science in  
Mechanical Engineering**

Eight candidates

Michael Lynn Anderson, Bluffton  
Phillip Bruce Bohl, Wooster  
Dennis John Clark, Lima  
Clark E. Llewellyn, Marietta  
Daniel Robert Otto, Uhrichsville  
Thomas Edward Patterson, Waverly  
Michael Sau Mun Seto,  
Honolulu, Hawaii  
Thomas Larry Swain, Columbus

**Bachelor of Metallurgical Engineering**

Two candidates

Carl Joseph Cron, Albuquerque, N. M.  
David Richard Fredericks,  
Worthington

**Bachelor of Science in  
Engineering Physics**

Three candidates

Stanley David Frey, Carrollton  
Larry Melvin Lowry, Plain City  
Lawrence Phillip Williams, Columbus

**Bachelor of Welding Engineering**

Four candidates

Charles Thomas Daft, Bryan  
Dorwin James Etzler, Van Wert  
Walter Richard Gockel, Chagrin Falls  
Glenn Lawrence Mara, Columbus

**School of Architecture**

**Bachelor of Science in Architecture**

One candidate

Marc Fredrick Kern, Southfield, Mich.

\* Also Master of Science, Graduate School  
Engineering, College of Engineering

<sup>1</sup> Also Bachelor of Science in Industrial  
<sup>2</sup> Also Bachelor of Science in Computer and  
Information Science, College of Engineering

## College of Medicine

Dean: John A. Prior, M.D.

### Doctor of Medicine

Two candidates

John Jerome Hochwalt, Kettering  
B.S. (University of Dayton)

Roger Lee Smoke, Alliance  
B.S. (Mount Union College)

### School of Allied Medical Professions

#### Bachelor of Science in Medical Illustration

One candidate

Rosalind Adele Hagerman, Kettering

#### Bachelor of Science in Medical Technology

Four candidates

Shirley Ann Coxson, Warren  
Ferdeana Mae Kuba, West Mansfield  
Kathleen Jean Lewis, Columbus  
Leah Littmann, Cleveland

#### Bachelor of Science in Occupational Therapy

Twenty candidates

Theodore William Becker, Jr.,  
Buena Park, Calif.  
Ellen Goldhamer Cohn,  
Shaker Heights  
Linda Kay Dean, Brice  
Debra Jean Ewers, Louisville  
Jeanne Marie Hefren, Parma  
Patricia Taylor Helman, Warsaw  
Cheryl Sharp Hoar, Millersport  
May Bradley Jackson,  
Bridgeport, W. Va.  
Linda Custis Land, Sabina  
Barbara Jean Langewisch, Warren  
Gail Elaine Lash, Bridgeport  
Patricia Marie Martin, Defiance  
Susan Overstreet Michelman,  
Cleveland  
Janet Jean Nagler,  
East Meadow, N. Y.  
Mercie Dunfee Normand,  
Westfield, N. J.  
Constance Joyce Porter, Salem  
Elaine Carol Smith, Kinsman

Janice Lee Stine, Cincinnati  
Mary Garvin Stover, Columbus  
Karen Elaine Winter, Alexandria, Va.

#### Bachelor of Science in Physical Therapy

One candidate

Patricia Wolfert Custer, Parma

#### Certificate of Post Baccalaureate Medical Technologist

Two candidates

James Louis Favret, Jr., Columbus  
B.S. (Ohio Dominican College)  
Martha Ann Walz, Mt. Vernon  
B.A. (Miami University)

#### Certificate of Nurse Anesthetist

Three candidates

Lois Shepler Gander, Newark  
Charlene Joyce Mason, Marengo  
Patricia Crossley Staley, Lima

#### Certificate of Post Baccalaureate Physical Therapist

Twelve candidates

Louise Loynachan Amrine, Cleveland  
B.S.  
Donna Marie Archer, Masury  
A.B. (Youngstown State  
University)  
Kathleen Ellen Bloomberg, Struthers  
B.A. (Miami University)  
Merlene May Cross, Bedford  
B.S.  
Patricia Louise James, Canton  
B.S. (Bowling Green State  
University)  
Robert Michael Kantner, Toledo  
B.A. (University of Toledo)  
Richard Duane Null, Gallipolis  
B.S. (Rio Grande College)  
Carla Witaker Penebaker, Carroll  
B.S. (Ohio University)

Janice Garvey Peters, Columbus  
B.S. (Ohio University)  
Clyde J. Stretch, East Lansing, Mich.  
B.S., M.A. (Michigan State  
University)  
Sharon Lee Sturgeon,  
Point Pleasant, W. Va.  
B.S. (Marshall University)  
David Stewart White, Springvale, Me.  
B.A. (Nasson College)

### School of Nursing

#### Bachelor of Science in Nursing

Sixteen candidates

Pamela Lee Bean, Westerville  
Janis Kay Boughton, Mansfield  
Mary Ann Boyd, Canton  
Beverly Jo Brown, Millersburg  
Barbara Jane Ellis, Dayton  
Janet Kay Fender, Columbus  
Kathleen Sue George, Parma  
Carol Lee Kimbrough,  
Sacramento, Calif.  
Virginia Mae Larsen, Cleveland  
Diane Louise Magyary, Akron  
Catherine Reis Mitchell, Columbus  
Mary Stephens Munzinger, Columbus  
Mary Alice Schumm, Convoy  
Anne Latham Scott, Columbus  
Donna Lee Simmonds, Brook Park  
Sister Sylvia Strahler, Suffield

## Graduates with Honors

### Summa Cum Laude

Joan Hefflinger Baden, Comer  
Dennis Paul Beres, Hialeah, Fla.  
Gregory William Blaine, Toledo  
William Randall Edwards,  
Worthington  
Radford Vincent Ewing, Tiffin  
Diane Langley Farahay, Galion  
Janet Kay Fender, Columbus  
Richard Harry French, Chillicothe  
Kathleen Sue George, Parma  
Janet Hayes Goldsmith,  
Trumbull, Conn.  
William Roy Griffith, Hebron  
Anne Quinn Hale, Worthington  
Carolyn Jane Hartley, Alexandria, Va.  
Michael George Hartman, Reading  
William Lawrence Hoy, Columbus  
Charles Courtland Huber, Jr.,  
Bourbonnais, Ill.  
May Bradley Jackson,  
Bridgeport, W. Va.  
Barbara Gae Kesselring, Tallmadge  
Diane Louise Magyary, Akron  
John Lee Morrow, Wellston  
Barbara Jean Ofrenzo, Columbus  
Kirsten Linquist Ohle, Columbus  
Cathy Salt Popiel, Columbus  
David Elvin Regula, Columbus  
Maxine Cunningham Scott, Coshocton  
Anne Cheryl Slane, Columbus  
Sara Patricia Stubblefield,  
South Boston, Va.

### Cum Laude

Leopold Anthony Avallone,  
Lowville, N. Y.  
Judith Presser Blott,  
Cleveland Heights  
Thomas Whiteford Boeker, Toledo  
Thomas Gram Brosey, New Carlisle  
Charles Edward Carter, St. Paris  
Shirley Anne Calvelage, Delphos  
Douglas Kenney Chapman,  
Port Clinton  
David Richard Fredericks,  
Worthington  
Luther Gregory Harrington, Columbus  
Carol Josephine Hoying, Dayton  
Cynthia Friedman Johnson, Greenfield  
Larry Alva Johnson, Okeana  
Helene Sharon Kasavan, Dayton  
Carol Lee Kimbrough,  
Sacramento, Calif.

Linda Suzanne King, Dayton  
Arthur Granville Loeffler, Columbus  
Deborah Deen Madden, Fairview Park  
Glenn Lawrence Mara, Columbus  
Bruce William Marks, Shaker Heights  
Jack Simon Meizlish, Columbus  
Bette Speciale Miller,  
West Hartford, Conn.  
Paul Alan Miller, Westerville  
Stephen Douglas Miller, Kettering  
Georgia Ann Mowery, Lima  
Mercie Dunfee Normand,  
Westfield, N. J.  
Barbara Ann Olszewski,  
North Royalton  
Myron Wallace Osborn, III,  
Bay City, Mich.  
William Alan Poolos, Waverly  
David Allan Randall, Dayton  
John Thomas Randall, Portsmouth  
Eileen Lucile Roberts, Columbus  
Frances Kay Shawhan,  
Mingo Junction  
Ronald Karam Sheban, Youngstown  
Stephen Donald Smith, Dublin  
James Michael Sproule, Dayton  
Dale Lynn Stoewe, Cincinnati  
Mary Garvin Stover, Columbus  
Susan Miller VanAusdal, Columbus  
Tamara Berthone Wegner, Westerville  
Lawrence Phillip Williams, Columbus  
Kate Pratt Wonacott, Columbus  
Sylvia Templeton Workman, Newark  
Jane Audrey Yeager, Medina  
Douglas Earl Young, Loudonville  
Patricia Sanders Young, Marion

### With Distinction in Agricultural Economics

Nancy Jane Lloyd, Youngstown

### With Distinction in English

Joanne Stephanie Phillips  
Paul Christian Pyle

### With Distinction in Natural Resources

Thomas Werner Richards,  
North Canton

### With Distinction in Speech

Gary Dennison Deckard

### Cum Laude and with Distinction in Accounting

Thomas Loren Klug

### Cum Laude and with Distinction in Latin and Ancient History

Roberta Bender Elliott, Oxon Hill, Md.

### Cum Laude and with Distinction in Journalism

Julia Lou Osborne, Columbus

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 30, 1971

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, James W. Shocknessy, in a special meeting on Friday, July 30, 1971, at 3:00 p. m.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

\*

\*

\*

REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise  
in the Selection of a President

Mr. Shocknessy reported that the Consultative Committee to Advise in the Selection of a President met on July 15, 1971, and adopted criteria to be used in the search for a President as well as the nomination forms. Mr. John G. Ketterer, Chairman of the Committee, subsequently held a press conference on July 22, 1971, in which these criteria and the nominating procedure were announced to the public.

B. Speakers

In line with the policy established at the June meeting in regard to speakers appearing before the Board, Mr. Shocknessy said that no requests had been made to appear before this meeting of the Board.

\* \* \*

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Provisional University Budget for Fiscal Year 1971-1972

President Fawcett made the following comments pertaining to the budget for fiscal year 1971-1972:

As I indicated at the last meeting of this Board on July 2, I had hoped at that time to present the University's budget for 1971-1972 for your consideration. Because the General Assembly had not acted upon our appropriation, however, I recommended that the Board defer budget action at that time and schedule a special meeting today for such action. You will recall that this date was selected because it was the very latest date possible for such action before we must meet our July payroll and start our Autumn Quarter registration process. This registration process must be preceded by any necessary fee adjustment which, in turn, is directly related to the University's budget.

Therefore, since it is not possible for the University to defer the many decisions that directly relate to the budget, I am proposing the adoption by this Board of a provisional University budget based upon my estimate of the minimal University needs for the coming year.

In developing this budget we were fully mindful of the specific appropriation levels currently being discussed by the General Assembly as well as what, in our judgment, is the most probable level of fee increase necessary to balance a continuation budget which, of course, will not provide funding for new programs.

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

President Fawcett's statement (continued)

The budget as presented, totaling \$253,966,213, is in my judgment, an austere one and represents but a 5.5% or \$13,388,779 increase over last year to meet mandated and other salary costs, the continuing inflationary pressures, and the additional costs resulting from the stabilization of enrollments with the greater numbers in higher-cost, upper division, graduate, and professional programs. Specifically, total enrollment will remain approximately the same at 46,000, but there will be about 900 fewer freshmen and 300 fewer sophomores, with a corresponding increase in the upper and more costly levels of instruction.

Our budget request level submitted last fall did not anticipate student fee increases. However, the present level of support under consideration by the legislature is approximately 19% under our request and mandates fee increases which were also recommended by the Ohio Board of Regents and the Governor. House Bill 475 legislates minimum graduate and professional fees for 1971-1972 of \$400 per quarter for graduate students and \$500 for medical students and a further increase of \$100 for each of these categories the second year of the biennium. I have consistently opposed any substantial fee increase, and have so testified before the legislature. At this stage I can only hope that these levels presently suggested as minimums will be changed to maximums so that we will be permitted to implement the compromise level of \$300 for the graduate and professional categories. The anticipated level of funding by the State as well as the action to date by the legislature both suggest that fee increases are required. The undergraduate Instructional Fee is to be raised to a level of \$200 per quarter (an increase of \$30) and the graduate and professional Instructional Fee raised to \$260 per quarter, effective Autumn Quarter, 1971. I am proposing that the General Fee which applies to all student categories remain at \$40 per quarter. In combining these two fees this means that I am requesting the establishment of an undergraduate resident fee level of \$240 per quarter and, similarly, a graduate and professional fee level of \$300 per quarter.

Correspondingly, the instructional and general budgets increase but 5.6% or \$6.4 million. The major component of \$5.4 million is allocated for personnel services amounting to a 6.5% increase for classified personnel as mandated by State law and a 4.1% average faculty salary increase. The increase for classified personnel does not provide for additional increases presently being considered in the General Assembly. However, it is assumed that this University will be provided with resources to accommodate additional increases mandated by the General Assembly.

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

This provisional budget is a sound though minimal one. It attempts to make the best estimate of some currently undefined factors and yet allows us to continue quality education. It is also intended to be fully mindful of costs to students and their parents as we attempt to meet the rapidly increasing costs of living for our valued faculty and staff members. It has also some built-in safety to protect against modest modifications downward in our appropriation but obviously not without severe implications to our educational programs.

And finally, I should like to point out that we believe that through the preparation of program budgets which are responsive to planning and missions, we can continue to best develop quality education and at the same time assure the highest quality educational program for the dollar expended.

President Fawcett proposed that the Board adopt a provisional University budget for the fiscal year 1971-1972 which will support the following expenditures listed by major category:

Budget for the 1971-72 Fiscal Year

	<u>Estimated 1970-71</u>	<u>Budgeted 1971-72</u>
General Budgets		
Personnel Services	\$ 88,837,028	\$ 94,303,748
Operating and Equipment	19,708,245	19,962,396
All Other	7,713,248	8,453,369
Total	<u>\$116,258,521</u>	<u>\$122,719,513</u>
Regional Campuses	<u>\$ 4,485,913</u>	<u>\$ 4,621,000</u>
Restricted Budgets/Expenditures		
Endowments	\$ 1,115,000	\$ 1,115,000
Federal Grants/Contracts	16,391,000	16,885,000
Ohio Grants/Contracts	1,725,000	1,900,000
Private Gifts/Grants	3,800,000	3,800,000
Research Foundation	17,000,000	16,500,000
Other	2,616,000	2,721,700
Total	<u>\$ 42,647,000</u>	<u>\$ 42,921,700</u>

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

	<u>Estimated 1970-71</u>	<u>Budgeted 1971-72</u>
Rotary and Auxiliary Budgets		
Cooperative Extension	\$ 10,066,000	\$ 10,650,000
University Hospitals	35,800,000	39,530,000
University Dormitories	14,357,000	15,185,000
Intercollegiate Athletics	3,650,000	4,040,000
Departmental Earnings	4,250,000	4,858,000
University Services	2,100,000	2,200,000
All Other	6,963,000	7,241,000
Total	<u>\$ 77,186,000</u>	<u>\$ 83,704,000</u>
Grand Total	<u>\$240,577,434</u>	<u>\$253,966,213</u>

The University Treasurer projects that these expenditures can be supported by the following sources of income:

Sources of Income for 1971-72 Budget

Main Campus	
State Subsidy - House Bill 477	\$ 67,382,000
Less: Regional Campuses - R. C. C.	294,200
Subtotal <sup>(a)</sup>	<u>\$ 67,087,800</u>
Student Fees - Proposed	43,570,000
Other Unrestricted Income	15,395,032
Beginning Balance	1,115,750
Carry Forward to 1972-73	<u>(4,449,069)</u>
	\$122,719,513
Regional Campuses - All Sources	4,621,000
Departmental Earnings	4,858,000
University Services	2,200,000
Auxiliary Operations	76,646,000
Restricted Funds	<u>42,921,700</u>
	<u>\$253,966,213</u>

(a) Represents Ohio Board of Regents recommended subsidy level as presented to the Ohio Senate Finance Committee less \$294,200 reallocated to Regional Campuses for upper division credit course work taught on these Campuses.

It was recommended that the provisional budget as shown above be approved, subject to expenditure adjustments based upon modification in income. It was recommended further that detailed estimated resources and expenditures including the "Salary Roll" for the 1971-72 fiscal year be approved and incorporated by reference as well as for the fiscal years 1967 through 1971.

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

And finally, it was recommended that upon passage of the University's State appropriation that the University budget be submitted to the Board for ratification.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Increase in the Instructional Fee

In support of the provisional budget of this University for fiscal year 1971-1972, revisions in the fee schedule will be required. A revised schedule is shown on the next page.

President Fawcett recommended that the attached fee schedule be adopted effective with the Autumn Quarter, 1971, subject to any modification which may be enacted by the 109th General Assembly and ratification by the Ohio Board of Regents.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing schedule of fees by unanimous roll call vote.

C. Residence Halls Room and Board Rates

The subsequent recommendations reference the action taken by this Board on June 11, 1970. The University desires to provide the advantages of an educational and living experience through the operation of residence halls and the payment of the costs thereof in conformity with the Bond Resolution adopted by this Board on April 8, 1957.

The cost of operating residence halls continues to rise. The 109th General Assembly will shortly mandate wage and salary increases for staff members in classified jobs within the residence halls and the food service. Because of the increased cost of personnel and increases in the cost of food, materials, supplies, utilities and contract services, it is necessary to adjust the residence halls rates. Also, in the interest of improved living conditions, it is anticipated that the occupancy of certain residence halls will be reduced.

Accordingly, on the basis of studies made by Vice President Carson, President Fawcett recommended that the schedule of rates for all residence halls included in the Bond Resolution referred to above and including such Housing Commission facilities as are used for residence halls, be made effective Autumn Quarter, 1971. The schedule of rates is as follows:

Schedule of Student Fees, Effective Autumn Quarter, 1971

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$200	\$40	\$240	\$350	\$590
Agriculture and Home Economics	200	40	240	350	590
Arts and Sciences					
The Arts	200	40	240	350	590
Biological Sciences	200	40	240	350	590
Humanities	200	40	240	350	590
Mathematics and Physical Sciences	200	40	240	350	590
Social and Behavioral Sciences	200	40	240	350	590
Education	200	40	240	350	590
Engineering	200	40	240	350	590
Graduate School	260	40	300	350	650
Dentistry	260	40	300	350	650
Dental Hygiene	200	40	240	350	590
Law	260	40	300	350	650
Medicine*	260	40	300	350	650
School of Allied Medical Professions	200	40	240	350	590
School of Nursing	200	40	240	350	590
Optometry	260	40	300	350	650
Pharmacy	200	40	240	350	590
Veterinary Medicine	260	40	300	350	650
University College	200	40	240	350	590
University Regional Campuses	190	25	215	350	565

Part-time students (those enrolled for six or less credit hours), shall be assessed one-half of the full fees. When fees are not evenly divisible, they shall be assessed to the next even dollar amount.

\*With the change in the curriculum of the College of Medicine, effective July 1, 1970, all students enrolled in the Doctor of Medicine degree program will now pay fees in two installments, June 15 and December 15. The annual rate for such students for the 1971-72 academic year shall be \$1,200 for resident students and \$2,600 for non-resident students. This revised rate will be effective with the December, 1971, payment.

I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates (continued)

	<u>Recommended Rates</u>	<u>Present Rates</u>
General Dormitories	\$412 per quarter	\$365 per quarter
Stadium Scholarship Dormitory	195 per quarter	165 per quarter
Jones Graduate Tower		
Single Room	195 per quarter	195 per quarter
Double Room (each occupant)	165 per quarter	165 per quarter
Buckeye Village		
One Bedroom Units	87 per month	87 per month
Two Bedroom Units	110 per month	110 per month

It was recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables in general conformity with the schedule of rates as established in the foregoing.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the above recommendations were approved by unanimous roll call vote.

D. Continuation of Realignment of Central Administrative Structure

President Fawcett made the following statement on the continuation of the realignment of central administrative structure:

Our academic and operating experiences during this past year have validated the central administrative structure realignment made a year ago and have also demonstrated a need to continue with administrative change consistent with our functional approach to University organization. Through a further functional realignment which is responsive to the needs of and talents within the University, I desire now to achieve a necessary flexibility in the Office of the President, to emphasize and reenforce the University-wide planning, monitoring, and evaluating functions, and to formalize operating committees for budgeting, missions, and planning.

Therefore, I propose to establish, effective September 1, 1971, the Office of Executive Vice President as well as new Offices of Finance and Treasurer, Personnel Services, and Planning, along with the existing Offices of University Budgets and Administrative Research and Systems under Executive Directorships. Such University-wide planning, monitoring, and evaluating offices operating within the proposed committee structure and coordinated by the two deputy Vice Presidents (Academic and Operating), the Executive Vice President, and the President will, I believe, provide immediate maximum input for analysis and decision-making while shortening time for reaction and

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

President Fawcett's statement (continued)

implementation. Furthermore, these proposed principles of organization are within the spirit of and compatible with the Warren King Management Study.

The two new major University-wide committees, one for missions, chaired by the Provost and Vice President for Academic Affairs, and one for planning, chaired by the Vice President for Administrative Operations, along with the existing budget committee, chaired by the President, will function as policy-planning committees. The Office of the Vice President for Business and Finance, to be vacated by Mr. Gordon B. Carson, effective September 1, 1971, will be established in separate areas with the operating functions of Business Management, Physical Facilities, and University housing grouped under the Vice President for Administrative Operations and the areas of Finance and Treasurer and Personnel Services established as Executive Directorships.

President Fawcett recommended that the proposed organizational structure be approved and implemented according to the proposed chart of organization as shown on the following page.

Within this structure, I propose the following specific alignments in function:

1. The area of Finance and Treasurer be established as a newly created position of Executive Director of Finance and Treasurer, including the Offices of Accounting, Auditing, Bursar, Contracts, Controller, Insurance, Investments, Payroll, Property Acquisition, and Travel.
2. The University Architect be assigned to the Office of University Planning.
3. The University Discipline Officer be assigned to the Office of Public Safety with appeals to the Executive Vice President.
4. The area of Personnel Services be established as the position of Executive Director of Personnel Services.
5. That the Research Foundation report through the Office of University Development.



July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

6. The Mershon Auditorium be assigned to the College of the Arts.
7. The area of Admissions and Records be established as an operating unit under a Director of Admissions and Records, within the Office of the Vice President for Administrative Operations.
8. The area of Traffic and Parking be assigned to the Assistant Vice President for Business Management.
9. The Ohio Union and Drake Union (under construction) report to the Vice President for Student Affairs.
10. The Assistant Vice President for Business Management report to the Vice President for Administrative Operations and encompass the following operations and auxiliary enterprises: Printing Facilities, Bookstores, Purchasing, Receiving, Office Equipment Repair, Property Management, Stores, Inventory, Food Facility, Laundry, Mailroom, Transportation, and Traffic and Parking.
11. The area of Physical Plant, including Construction and Maintenance, be assigned as the Assistant Vice President for Physical Facilities, reporting to the Vice President for Administrative Operations.
12. The area of University Housing be assigned as Assistant Vice President for University Housing, reporting to Vice President for Administrative Operations.
13. The Administrative Systems Computer Center, under a Director, be assigned to the Vice President for Administrative Operations.
14. The Office of the Executive Vice President be established.

And finally, to implement the structure, I propose the following personnel assignments:

1. Edward Q. Moulton as Executive Vice President.
2. Bernard J. Lachner as Vice President for Administrative Operations.

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

- 3. Ernest W. Leggett as Executive Director of Finance and Treasurer.
- 4. Madison H. Scott as Executive Director of Personnel Services.
- 5. Richard H. Zimmerman as Executive Director of University Planning.

The following three personnel assignments which have been approved at previous meetings are noted at this time since they will now report within the area of Administrative Operations:

- 6. Joseph F. Medley as Assistant Vice President for Business Management.
- 7. Thomas B. Smith as Assistant Vice President for Physical Facilities.
- 8. John P. Nelson as Assistant Vice President for University Housing.

Upon favorable action on these recommendations and the commensurate authorization to make the necessary revisions in the Statutes, By-Laws, and Rules, I will proceed to implement the necessary actions as rapidly as possible to achieve this administrative structure.

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.

\* \* \*

II. PERSONNEL CHANGES

A. Department Chairmen Designations

Appointment of the following persons to four-year terms as Department Chairmen, effective July 1, 1971 through June 30, 1975:

Agricultural Economics and Rural Sociology	David H. Boyne
Civil Engineering	Russel C. Jones
East Asian Languages	Tien-Yi Li
Geography	Edward J. Taaffe
Linguistics	Michael L. Geis
Ophthalmology	Torrence A. Makley, Jr.
Otolaryngology	William H. Saunders

July 30, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Department Chairmen Designations (continued)

Pathology	Jack C. Geer
Physical Medicine	Ernest W. Johnson
Plant Pathology	Ira W. Deep
Radiology	Sidney Nelson
Theatre	John A. Walker*

Appointment of the following persons to four-year terms as Department Chairmen, effective October 1, 1971 through September 30, 1975:

Anthropology	Thomas R. Williams
History	Harry L. Coles
Mathematics	Arnold E. Ross
Physics	E. Leonard Jossem
Sociology	Edward C. McDonagh*

---

\*Appointment previously approved.

Appointment of the following persons as Acting Chairmen:

Art Education	Arthur D. Efland
English	John B. Gabel
Food Science and Nutrition	T. Kristoffersen
Romance Languages	David A. Griffin

President Fawcett recommended that the foregoing appointments of Department Chairmen and Promotions in Rank as recorded in the official "Salary Roll" of the University for 1971-72, as well as the previous fiscal years 1967 through 1971 be approved.

The Board of Trustees approved the appointments of Chairmen of Departments and Promotions in Rank as recorded in the official "Salary Roll" of the University for 1971-72, as well as the previous fiscal years 1967 through 1971 by unanimous voice vote.

\*

\*

\*

Thereupon the meeting adjourned.

Attest:

---

Edward Q. Moulton  
Secretary

---

James W. Shocknessy  
Chairman

Page 170 Blank

Page 171 Blank

Page 172 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 2, 1971

The Board of Trustees met at its regular monthly meeting on Thursday, September 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

\*

\*

\*

Minutes of the last regular meeting (July 2, 1971) and the special meeting (July 30, 1971) were approved.

\*

\*

\*

REPORT BY CHAIRMAN

A. Request to Speak

Mr. Jerry Rosenberg, a student at the University, requested permission to address the Board and since this request was made in the manner prescribed at an earlier meeting by the Board, it was granted. Mr. Rosenberg spoke in opposition to the passage of Rule 61.09, Control of Dogs and Other Animals, from the Rules for the University Faculty.

B. Report on Consultative Committee to Advise  
in the Selection of a President

Mr. Shocknessy reported that he had received a letter from Mr. John G. Ketterer, Chairman of the Search Committee, requesting that the date for submission of five names of potential presidential candidates be changed from November 12, 1971, to December 15, 1971. Mr. Shocknessy stated that unless there was expressed opposition, he would authorize this change in accordance with the request. There being no such opposition expressed, the Chairman so directed and requested the Secretary to inform Mr. Ketterer.

- o -

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET

At our last Board meeting in recommending the adoption of a provisional University budget for this current year I indicated that as soon as our State support level was determined, I would bring this budget back to the Board for ratification and possible modification, depending upon the level of funding support provided by the State. During the past month, however, several events have occurred which have complicated further our budget situation. The recent establishment by the President of the United States of a wage and price freeze has additionally complicated this situation, and has raised questions concerning the fee structure which was adopted by this Board in July as well as the increased Residence Hall charges established for this current year in support of the provisional budget.

An increase in student fees has been inevitable ever since the first hearings on the appropriation for higher education took place. Likewise, the increase in Residence Hall rates was enacted following a year-long study of the Residence Hall system on which hearings were conducted in the Spring Quarter. A new system which was announced in the early summer encompasses a number of significant changes designed to improve the quality of life in these Residence Halls.

Since the wage and price freeze was announced, this University also froze all new appointments and expenditures until we could obtain clarification from the Cost of Living Council and establish internal control procedures to enable us to be responsive to this action. We have not as yet been able

September 2, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

to obtain the necessary clarification specifically with reference to fee increases and Residence Hall charges. With the opening of Autumn Quarter only about 3 1/2 weeks away, earlier this week we determined that we had no other alternative than to proceed with the fees and rates authorized by this Board, as well as complete our staffing and make such other expenditures as would enable us to provide educational programs for this coming year. If at some subsequent date it is ruled that we are in violation of the Executive Order, we will comply with such a determination and make the necessary adjustments.

In the meantime I should like to clarify one point of apparent confusion concerning the support level for this University presently being considered by the General Assembly. As was indicated when our provisional budget for this year was adopted, this University finds itself in a very tight financial situation. To provide adequate support for our present programs with no new programs and with only very modest increases in salaries and operating monies, reluctantly we found it necessary to adopt modest increases in student fees. Without these fee increases we simply cannot support our existing programs from the funds that will be available to us through the adoption of either the income tax or sales tax proposals now being considered by the General Assembly.

Finally, we are reviewing this situation on almost an hourly basis and as soon as it becomes clear what funding level we will be provided by the State and we are able to obtain the necessary rulings by the Cost of Living Council, it may be necessary to call a special meeting of this Board for the purpose of adopting a revised budget in support of this current year's operation.

- o -

Mr. Shocknessy:

Mr. President, I think you might reemphasize the fact that the student fee increases which we adopted in July were based upon the assumption that the Bill which was in the House at that time would be passed by the General Assembly. Without these fee increases there would be no possibility of supporting the budget which we adopted at that time.

President Fawcett:

When I brought the provisional budget to this Board in July, I included in the statement of estimated resources an appropriation from the State of \$67,382,000 per year for each of the two years with no increase anticipated for the second year. With that level of support which had been reduced substantially from what our original request was, we had no other alternative than to adopt a slight upward modification in the student fee structure in order to balance the budget without weakening the educational program. The two proposals which have recently

September 2, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

appeared in the news media now seem to be aimed at a level which when extrapolated from higher education appropriations for this University would put our support either at about \$65 million or \$63 million, both of which levels per year are substantially less than the estimated appropriation which was included in the provisional budget. I make this point because the argument has been made that the freeze can save money, however, it would be a very small amount in our case because most of our people are on 12-month contracts and accordingly most have been paid at an increased rate since July 1. Consequently, it makes the whole fee problem and the financial problem even more critical than it was at the time we recommended the provisional budget to you. Thus, to support our educational program we must assess the fee increases as approved by this Board in July. If, however, at some subsequent date we receive a legal mandate to return to last year's fee levels, we will have no other alternative than to abide by such a decision even though such a fee reduction may result in a weakening of our educational program.

Mr. Shocknessy:

There is no justification for any statement to the effect that the fee increase would not be needed in the event of the adoption of either of the revenue proposals presently being considered in the General Assembly. The fee increase is necessary and the only thing which would require that we get along without it would be an interpretation of the Executive Order to that effect.

- o -

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Legal Designation of Appointing Authority  
for Civil Service Employees

In order to designate Madison H. Scott, Executive Director for Personnel Services, as the appointing authority for civil service employees, President Fawcett recommended that the Bylaws of the Board of Trustees and Rules for the University Faculty be amended to include the following:

The Executive Director for Personnel Services shall serve as the appointing authority for the non-instructional employees of the University pursuant to the provisions of Chapter 143, Revised Code of Ohio.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

September 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Naming of Theatre in Edward S. Drake Union

Upon the recommendation of the College of The Arts, and with the concurrence of the President's Cabinet, President Fawcett recommended that the theatre of the Edward S. Drake Union located at 1849 Cannon Drive be designated the "Thurber Theatre" in honor of James Thurber, class of 1917 of the University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

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

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the July 2, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignation, Change in Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Resignation

Geoffrey Keller announced that he will resign from the Dean-ship of the College of Mathematics and Physical Sciences at the end of the Autumn Quarter 1971. He has indicated a desire to return to full-time teaching and research.

B. Change in Responsibility

George P. Crepeau from Associate Professor in the Department of Theatre to Assistant Vice President for Curricula, in the Office of Academic Affairs, effective September 1, 1971, at a salary of \$20,688.00 per annum. He will hold the academic rank of Professor in the Department of Theatre.

C. Appointments

Leslie Ernest McDonald, Dean, College of Veterinary Medicine, effective September 1, 1971, at a salary of \$35,088.00 per annum. He will hold the rank of Professor in the Department of Veterinary Medicine at No Salary.

James B. Heck, Director of The Ohio State University - Mansfield Campus, effective October 1, 1971, at a salary of \$24,528.00 per annum. He will hold the academic rank of Professor in the College of Education at No Salary.

September 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Appointments (continued)

John P. Henderson, Assistant Dean, College of Law, effective August 1, 1971, at a salary of \$18,408.00 per annum.

Kenneth A. Marantz, Associate Professor and Chairman, College of The Arts - Art Education, effective October 1, 1971, at a salary of \$18,288.00 per annum.

D. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Robert H. Groves, Instructor (Area Extension Agent, 4-H) McConnellsville Area Center, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at The Ohio State University.

Gerald L. Mahan, Instructor (County Extension Agent, 4-H) Greene County, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at The Ohio State University.

William F. Rohrs, Instructor (County Extension Agent, 4-H) Defiance County, effective September 23, 1971 through December 17, 1971, to participate in a program of professional improvement at Michigan State University.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, effective October 1, 1971 through December 31, 1971, to participate in a program of professional improvement at The Ohio State University.

E. Leaves of Absence Without Salary

David E. Black, Professor, College of The Arts - Division of Art, effective July 1, 1971 through September 30, 1971, to continue research in Germany.

Ernest George Ehlers, Professor, Department of Mineralogy, effective October 1, 1971 through June 30, 1972, to accept a one-year Fulbright-Hays Lectureship.

R. Wayne Walker, Professor, College of Law, effective October 1, 1971 through December 31, 1971, to serve as a Visiting Professor at the University of New Mexico School of Law.

September 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Donald R. Washington, Professor, Department of Civil Engineering, effective September 15, 1971 through June 30, 1972, to work with the United States Environmental Protection Agency.

Carolyn N. Burnett, Associate Professor, School of Allied Medical Professions, effective August 1, 1971 through June 30, 1972, to pursue a research project.

Richard T. Garner, Associate Professor, Department of Philosophy, effective October 1, 1971 through December 31, 1971, to engage in writing and research.

David A. Knapp, Associate Professor, College of Pharmacy, effective July 1, 1971 through August 31, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

Christopher A. Rodowskas, Associate Professor, College of Pharmacy, effective September 1, 1971 through June 30, 1972, to set up a grant proposal for the American Association of Colleges of Pharmacy, Silver Spring, Maryland.

John A. M. Rothney, Associate Professor, Department of History, effective October 1, 1971 through September 30, 1972, to accept an award from the American Council of Learned Societies.

David Alwin Wolff, Associate Professor, Department of Microbiology, effective November 1, 1971 through December 31, 1971, to participate in a research program at the University of Uppsala, Sweden.

Robert Edward Bedeski, Assistant Professor, Department of Political Science, effective January 1, 1972 through September 30, 1972, to accept a grant to study contemporary China from the Social Science Research Council at Harvard University.

Marjorie L. Brunner, Assistant Professor, School of Allied Medical Professions, effective August 1, 1971 through December 31, 1971, for personal reasons.

Lynn Dally, Assistant Professor, College of The Arts - Division of Dance, effective October 1, 1971 through September 30, 1972, for personal reasons.

Deanne Erma Knapp, Assistant Professor, College of Pharmacy, effective July 1, 1971 through August 31, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

September 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Mary R. Mealy, Assistant Professor, College of The Arts - Division of History of Art, effective January 1, 1972 through March 31, 1972, to complete her Ph.D. dissertation.

Tod F. Stuessy, Assistant Professor, Department of Botany, effective October 1, 1971 through September 30, 1972, to accept a Postdoctoral Fellowship at Harvard University.

F. Emeritus Titles

Gordon B. Carson, Office of Administrative Operations, with the title Vice President Emeritus, effective September 1, 1971.

Grace R. Beckwith, School of Home Economics, with the title Professor Emeritus, effective August 1, 1971.

Alfred B. Garrett, Department of Chemistry, with the title Professor Emeritus, effective September 1, 1971.

Everett J. Kircher, College of Education, with the title Professor Emeritus, effective September 1, 1971.

Harold E. Reynard, College of Education, with the title Professor Emeritus, effective September 1, 1971.

Frederick H. Shillito, Department of Preventive Medicine, with the title Professor Emeritus, effective July 1, 1971.

J. Norman Staiger, School of Music, with the title Professor Emeritus, effective September 1, 1971.

Ronald J. Stanger, College of Law, with the title Professor Emeritus, effective August 1, 1971.

President Fawcett recommended that the Resignation, Change in Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
June 12, 1971 - August 10, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	30	\$2,295,247.00
Industrial and Other Research	10	55,671.84
<u>Grants</u>		
Government Research - Federal	35	1,897,629.00
Government Research - State	1	54,000.00
Industrial and Other Research	<u>11</u>	<u>179,965.00</u>
Totals	87	\$4,482,512.84

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #24 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$6,168.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #12 - Department of Veterinary Pathology).  
Gross Value - \$257,570.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #6 - Department of Surgery).  
Gross Value - \$15,060.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. Department of Air Force, Rome Air Development Center, Air Force Systems Command, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P00007 - Department of Electrical Engineering).  
Gross Value - \$8,501.00.
- e. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P00008 - Department of Electrical Engineering).  
Gross Value - \$46,137.00.
- f. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Project No. 2819 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$12,500.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Sponsor Ltr. Dtd. 7/6/71 - Department of Veterinary Pathology).  
Gross Value - \$6,902.00
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Use of Radioiodine-Labeled Antibody Techniques to Studies on Viral Induced Tumors (to be known as Project No. 2854 - Mod. #3 - Department of Veterinary Pathology).  
Gross Value - \$90,000.00.
- i. Agency for International Development, Office of Procurement, Contract Services Division, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDC's (to be known as Project No. 2871 - Amend. #5 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$232,959.00.
- j. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of 10.6 Micron Propagation Phenomena (U) (to be known as Project No. 2880 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$110,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- k. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of Partially Polarized Radiowaves from the Sun and Discrete Radio Sources (to be known as Project No. 2915 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- l. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, High Temperature Electrochemical Research in Metallurgy (to be known as Project No. 2932 - Mod. #P00002 - Department of Metallurgical Engineering).  
Gross Value - \$66,909.00.
- m. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in Iron-Nickel-Chromium Alloy System (to be known as Project No. 2958 - Mod. #2 - Department of Metallurgical Engineering).  
Gross Value - \$17,299.00.
- n. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study Program for Low Noise "S" Band Radiometer Antenna Development (to be known as Project No. 3033-A1 - Mod. #2 - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Determinants of Population Growth Study (to be known as Project No. 3055-A1 - Mod. #1 - Department of Economics).  
Gross Value - \$107,155.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research Into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #1 - Department of Preventive Medicine).  
Gross Value - \$153,600.00.
- q. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Glows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-A1 - Mod. #P00003 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$9,400.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- r. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$23,265.00.
- s. Department of Army, Office of Civil Defense, Contracts Division, Washington, D. C., Regional Procurement Training (to be known as Project No. 3212-A1 - Mod. #P689-2 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$1,700.00.
- t. Department of Army, U. S. Army Missile Command, Redstone Arsenal, Alabama, Development of a Dynamic Simulation Filter (to be known as Project No. 3248-A1 - New - Department of Industrial Engineering).  
Gross Value - \$25,266.00.
- u. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Trap Distribution in Semi-Conductors (to be known as Project No. 3253-A1 - New - Department of Electrical Engineering).  
Gross Value - \$91,600.00.
- v. Department of Army, Defense Supply Service, Washington, D. C., Cytological Studies (to be known as Project No. 3259-A1 - New - Department of Pathology).  
Gross Value - \$348,026.00.
- w. Department of Interior, Bureau of Sport Fisheries and Wildlife, Division of Fishery Services, Fort Snelling, Twin Cities, Minnesota, Impact of Fish Hatcheries on Native Fish Populations and Benthos (to be known as Project No. 3260-A1 - New - Department of Zoology).  
Gross Value - \$11,154.00.
- x. Department of Army, Aberdeen Proving Ground, Aberdeen Proving Ground, Maryland, Analysis of Continuous Wave Propagation Experiments Performed During the November 1969 Polar Cap Absorption Event (to be known as Project No. 3261-A1 - New - Department of Electrical Engineering).  
Gross Value - \$29,865.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- y. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Participation in a Study of Cerebral Death (to be known as Project No. 3264-A1 - New - Department of Medicine).  
Gross Value - \$59,600.00.
- z. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Occupational Safety and Health, Rockville, Maryland, The Determination of the Pressure Loss Coefficients of Divided Flow Fittings in Exhaust Duct Systems (to be known as Project No. 3268-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$41,506.00.
- aa. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Absorption Studies in the 5 Micron Band (to be known as Project No. 3271-A1 - New - Department of Electrical Engineering).  
Gross Value - \$65,000.00.
- bb. Department of Air Force, Air Force Systems Command, Headquarters, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$70,000.00.
- cc. Department of Air Force, Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico, Control of Birds with Laser Energy (to be known as Project No. 3274-A1 - New - Department of Zoology).  
Gross Value - \$28,063.00.
- dd. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Academic Services to AFIT School of Systems and Logistics (to be known as Project No. 3286-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$290,042.00.

TOTAL - Government Research Contracts - Federal \$2,295,247.00

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #23 - Department of Metallurgical Engineering). Gross Value - \$23,000.00.
- b. National Academy of Sciences, National Academy of Engineering, Washington, D. C., Effective Interplay of Engineering with Biology and Medicine (to be known as Project No. 2775 - Amend. #4 - Department of Electrical Engineering). Gross Value - \$1,200.00.
- c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #2 - Department of Pharmacology). Gross Value - \$1,274.00.
- d. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Robert Nerem (to be known as Project No. 3179-A1 - Purchase Order Dated 7/20/71 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$842.84.
- e. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Installation and Testing of Planar Pressure Generator (to be known as Project No. 3267-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$4,000.00.
- f. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Installation and Testing of Planar Pressure Generator (to be known as Project No. 3267-A1 - Sup. #1 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$1,500.00.
- g. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3288-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$6,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- h. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Self-Instructional Materials for Educating Project Management (to be known as Project No. 3298-A1 - New - College of Education). Gross Value - \$8,900.00.
- i. Centerville Public Schools, Centerville, Ohio, Audit Services to the Centerville Public Schools (to be known as Project No. 3299-A1 - New - College of Education). Gross Value - \$6,555.00.
- j. The Babcock and Wilcox Company, Alliance, Ohio, Nitric Oxide Detection with an Infrared Laser (to be known as Project No. 3300-A1 - New - Department of Electrical Engineering). Gross Value - \$2,400.00.

TOTAL - Industrial and Other Research Contracts \$55,671.84

3. Government Research Grants - Federal

- a. 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 (to be known as Project No. 1571-G - Ext. #7 - Department of Biochemistry). Gross Value - \$32,184.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biology of the Heart (to be known as Project No. 2058-F - Ext. #6 - Departments of Medicine and Veterinary Physiology). Gross Value - \$173,218.00.
- c. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Statistics and Probability Applied to System Effectiveness Evaluations (to be known as Project No. 2428 - AFOSR-67-1350B - Division of Statistics). Gross Value - \$45,268.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-A - Ext. #2 - Department of Pathology). Gross Value - \$29,581.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Induction of Tolerance to Xenografts (to be known as Project No. 2662-C - Ext. #3 - Department of Surgery).  
Gross Value - \$36,921.00.
- f. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #3 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$8,000.00.
- h. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #4 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$23,987.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as Project No. 2793-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$48,886.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$26,427.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Systolic Intervals in Acute Myocardial Infarction (to be known as Project No. 2830-A - Sup. #1 - Department of Medicine).  
Gross Value - \$1,784.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Proximal Tubular Transport in Edematous States (to be known as Project No. 2831-B - Ext. #2 - Department of Medicine).  
Gross Value - \$23,980.00.
- m. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Drug Sensitive Biochemical Pathways in the CNS (to be known as Project No. 3002-A1 - Sup. #1 - Department of Pharmacology).  
Gross Value - \$12,952.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A2 - Ext. #1 - Department of Biophysics).  
Gross Value - \$11,785.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics - Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A2 - Ext. #1 - College of Pharmacy).  
Gross Value - \$34,839.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Allied Health Manpower, Bethesda, Maryland, Development of Occupational Therapy Job Descriptions and Curricula Through Task Analysis (to be known as Project No. 3071-A2 - Ext. #1 - School of Allied Medical Professions).  
Gross Value - \$77,588.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspartate Carbamyltransferase of Reproductive Tissues (to be known as Project No. 3074-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$15,590.00.
- r. National Science Foundation, Washington, D. C., Intermediate Boron Hydrides and Their Derivatives (to be known as Project No. 3090-A1 - NSF Ltr. Dtd. 7/23/71 - Department of Chemistry).  
Gross Value - \$39,900.00.
- s. Department of Health, Education and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - New - College of Education).  
Gross Value - \$677,333.00
- t. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3266-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- u. Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C., The Case of Rehabilitation, Employment and Supporting Programs (to be known as Project No. 3269-A1 - New - Mershon Center for Education in National Security).  
Gross Value - \$170,663.00.
- v. Department of Labor, Manpower Administration, Office of Research and Development, Washington, D. C., The Impact of Extending Minimum Wages to Private Household Workers (to be known as Project No. 3270-A1 - New - Department of Economics).  
Gross Value - \$7,928.00.
- w. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Amino Sugars in Processed Foods (to be known as Project No. 3275-A1 - New - Department of Food Science and Nutrition).  
Gross Value - \$29,402.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- x. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Design of a Planning and Assessment System for the Division of Manpower and Institutions (to be known as Project No. 3276-A1 - New - College of Education).  
Gross Value - \$24,440.00.
- y. Department of Labor, Manpower Administration, Washington, D. C., Dynamic Analysis of the Labor Force Behavior of Men and Youth (to be known as Project No. 3277-A1 - New - Department of Economics).  
Gross Value - \$21,344.00.
- z. Department of Health, Education and Welfare, Public Health Service, National Institute of Occupational Safety and Health, Cincinnati, Ohio, Pathophysiology of Coal Pneumoconiosis in Equidae (to be known as Project No. 3282-A1 - New - Department of Veterinary Pathology).  
Gross Value - \$103,905.00.
- aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$39,025.00.
- bb. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Studies Related to Hydrocarbon Carcinogenesis (to be known as Project No. 3284-A1 - New - Department of Chemistry).  
Gross Value - \$44,054.00.
- cc. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Sociolinguistics and Bilingualism (to be known as Project No. 3289-A1 - New - Department of Linguistics).  
Gross Value - \$5,280.00.
- dd. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Ultrastructural Transformations in Brain Mitochondria (to be known as Project No. 3290-A1 - New - Department of Pharmacology).  
Gross Value - \$5,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- ee. U. S. Department of Agriculture, Agricultural Research Service, Administrative Services Division, Federal Center Building, Hyattsville, Maryland, Chemical Factors in Ash and Tupil Poplar Leaves that Inhibit the Feeding of Gypsy Moth Larvae (to be known as Project No. 3291-A1 - New - College of Pharmacy). Gross Value - \$75,000.00.
- ff. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, The Determinants and Prediction of Suicide (to be known as Project No. 3293-A1 - New - Department of Sociology). Gross Value - \$6,814.00.
- gg. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Interrelationships of Social Groups (to be known as Project No. 3294-A1 - New - Department of Sociology). Gross Value - \$6,561.00.
- hh. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Human Concept Formation Negative Instances (to be known as Project No. 3296-A1 - New - College of Education). Gross Value - \$6,990.00.
- ii. National Science Foundation, Washington, D. C., Systematics of Galinsoga and Pectis (Dissertation Research of Judith M. Canne and David J. Keil) (to be known as Project No. 3297-A1 - New - Department of Botany). Gross Value - \$5,000.00.

TOTAL - Government Research Grants - Federal \$1,897,629.00

4. Government Research Grant - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-F - Ext. #6 - Department of Pediatrics). Gross Value - \$54,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

5. Industrial and Other Research Grants

- a. American Heart Association, Inc., New York, New York, Permeability of Heart Mitochondria (to be known as Project No. 2847-B - Ext. #2 - Department of Physiological Chemistry). Gross Value - \$13,200.00.
- b. American Heart Association, Inc., New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as Project No. 3036-A2 - Ext. #1 - Department of Physiological Chemistry). Gross Value - \$13,200.00.
- c. Damon Runyon Memorial Fund, New York, New York, Reticuloendothelial Function in Neoplasia (to be known as Project No. 3076-A1 - Sponsor Ltr. Dtd. 6/25/71 - Department of Medicine). Gross Value - \$14,100.00.
- d. American Cancer Society, Inc., New York, New York, Metabolism of Normal and Abnormal Lymphocytes (to be known as Project No. 3258-A1 - New - Department of Medicine). Gross Value - \$31,955.00.
- e. American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Grant (to be known as Project No. 3262-A1 - New - Department of Surgery). Gross Value - \$35,000.00.
- f. Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship in Chemistry (to be known as Project No. 3265-A1 - New - Department of Chemistry). Gross Value - \$14,490.00.
- g. National Endowment for the Humanities, Washington, D. C., The Harlem Renaissance: A Study of Afro-American Literature of the 1920's (to be known as Project No. 3272-A1 - New - Department of English). Gross Value - \$14,999.00.
- h. Ohio Tuberculosis and Respiratory Disease Association, Columbus, Ohio, Genetic and Scanning Beam Electron Microscope Studies of Effects of Antimicrobial Agents on Mycobacteria (to be known as Project No. 3278-A1 - New - Department of Medicine). Gross Value - \$4,134.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- i. Council on Library Resources, Washington, D. C., An Automated On-Line Circulation Systems: Evaluation, Development and Use (to be known as Project No. 3280-A1 - New - The Ohio State University Libraries).  
Gross Value - \$1,534.00.
- j. Damon Runyon Memorial Fund, New York, New York, The Origin and Role of Myoepithelial Cells in Breast Cancer (to be known as Project No. 3287-A1 - New - Department of Pathology).  
Gross Value - \$14,200.00.
- k. The Ford Foundation, New York, New York, Choice Mechanisms in the Migration Decision (to be known as Project No. 3295-A1 - New - Department of Geography).  
Gross Value - \$23,153.00.

TOTAL - Industrial and Other Research Grants \$179,965.00

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

	No. of Projects	Gross Value
Government Research Contracts	14	\$245,457.86
Industrial Research Contracts	<u>3</u>	<u>53,980.00</u>
Totals	17	\$299,437.86

During the period from June 15, 1971 through August 11, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 386X      Systems Analysis and Operations Research Support of  
Ext. #1      The Ohio Youth Commission Juvenile Delinquency  
                 Prevention Act Planning Project, Ohio Youth Com-  
                 mission, Columbus, Ohio.  
                 Gross Value - \$34,220.86.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

- EES 389X      Coagulation of Clays with Hydrolyzing Metals, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$10,000.00.
- EES 390X      Chemical and Sediment Movement from Agricultural Land Into Lake Erie, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$10,000.00.
- EES 391X      Interactions Between Microparticulates and Representative Heterotrophic Microorganisms from Lake Erie Using Batch and Continuous Culture Techniques, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$5,600.00.
- EES 392X      Formation of Dense Settled Sludge by Lime Treatment of Acid Mine Drainage, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$2,950.00.
- EES 393X      Stream Pollution from Cattle Feedlot Runoff, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$4,900.00.
- EES 394X      Role of Fungi and Algae in Formation, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$8,800.00.
- EES 395X      Bacterial Parasitism of Aquatic Algae, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$6,100.00.
- EES 396X      Distribution of Trace Elements in Water and River Sediments in Ohio, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$8,900.00.
- EES 397X      The Effects of Bacterial Methane Fixation on Lake Eutrophication, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$5,000.00.
- EES 398X      Determination of Trace Metal Pollutants in Water Resources and Stream Sediments, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$4,588.00.
- EES 399X      Institute Director's Office, U. S. Department of the Interior, Washington, D. C.  
Gross Value - \$27,640.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contracts (continued)

EES 400X      A Systems Analysis of the Western Basin of Lake Erie -  
Phase III, U. S. Department of the Interior, Washington,  
D. C.  
Gross Value - \$49,920.00.

EES 401X      Electromagnetic Pulse Sounding for Surveying Under-  
ground Water Resources, U. S. Department of the  
Interior, Washington, D. C.  
Gross Value - \$66,839.00.

TOTAL - Government Research Contracts \$245,457.86

2. Industrial Research Contracts

EES 327X      Design Study of Blowdown Rings, Aquatrol, Inc.,  
Chicago, Illinois.  
Gross Value - \$10,000.00.

EES 402X      An Investigation of Some Feasible Bases for Design  
of an Automobile Alcohol Interlock System, General  
Motors Technical Center, Warren, Michigan.  
Gross Value - \$18,390.00.

EES 403X      Sonic Rock Crushing, Columbia Cement Company,  
Columbus, Ohio.  
Gross Value - \$25,590.00.

TOTAL - Industrial Research Contracts \$53,980.00

C. Agreement Between the College of Agriculture and Home Economics  
of The Ohio State University and the College of Agriculture and  
Natural Resources of Michigan State University

It was recommended that the President of The Ohio State University be authorized to sign an agreement on behalf of The Ohio State University to extend the present agreement for training students in the forestry curriculum at Michigan State University, effective for a period of five years (1971-1976).

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous roll call vote.

\*

\*

\*\*

#### IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 2, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

#### SUMMARY

Administered Through the Office of Business and Finance	\$2,437,805.00
Received Through The Ohio State University Development Fund	356,102.48

#### A. Administered Through the Office of Business and Finance

1. \$434,846.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period July 1, 1970 through December 31, 1971. (Grant No. 5 G03 RM 00022-02A2)
2. \$240,086.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Department of Psychology, with project extended through August 31, 1972. (Grant No. OEG-0-70-4214)
3. \$217,300.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Training of Professional Personnel in the Education of the Handicapped," under the direction of the College of Education, School of Health, Physical Education and Recreation, Department of Speech, and Mental Retardation Center, for the period June 1, 1971 through August 31, 1972. (Grant No. OEG-0-71-1577)
4. \$150,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Institute for Training in Librarianship," under the direction of the University Libraries, for the period June 16, 1971 through July 31, 1972. (Grant No. OEG-0-71-8537)
5. \$141,336.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program - Long Term - Baccalaureate and Post-Baccalaureate Training Grant," under the direction of the School of Nursing, for the period September 1, 1971 through August 31, 1972. (Grant No. 5 A11 NU00029-15 and 5 A11 NU00029-15S1)
6. \$134,401.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Program in Comprehensive Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. CS-P [T-45] 555503-03-71)

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

7. \$121,738.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Facilitating Career Education Through Career Development Program Specialists," under the direction of the Center for Vocational and Technical Education, for the period June 28, 1971 through August 31, 1972. (Grant No. OEG-0-71-4553)
8. \$115,571.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 A02 AH00010-05)
9. \$100,000.00 granted by U. S. Department of Commerce, Economic Development Administration, Office of Technical Assistance, Washington, D. C., to the University for "Economic Development Technical Assistance Program," under the direction of the Center for Vocational and Technical Education, for the period June 30, 1971 through February 28, 1972. (Grant No. 03-6-09241)
10. \$99,890.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Developmentally Delayed Infant Training Project - Early Education," under the direction of the Mental Retardation Center, for the period June 30, 1971 through June 29, 1972. (Grant No. OEG-0-71-4375)
11. \$98,377.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Child Welfare Training Program," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 84-P-25026/5-04)
12. \$67,669.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Communications Division," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D02 AH 00104-01)
13. \$65,817.00 granted by Department of Transportation, National Highway Traffic Safety Administration, 400 7th St., SW, Washington, D. C., to the University for "Training Accident Investigation," under the direction of the Center for Vocational and Technical Education, for the period through December 31, 1971. (Grant No. DOT-HS-115-1-169)
14. \$65,638.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology - Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 EY00036-07)

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

15. \$64,926.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Family Centered Practicum - Developmental Disabilities," under the direction of the Mental Retardation Center, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D12 AH 00135-01)
16. \$52,283.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "An Evaluation System for Vocational Education Leadership and Professional Development Activities," under the direction of the Center for Vocational and Technical Education.
17. \$44,756.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training, Dental - Training Grant," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T12 CA08129-05)
18. \$32,025.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Gastroenterology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 T01 AM05569-01A1)
19. \$27,997.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Training in Medical Sociology - Training Grant," under the direction of the Department of Sociology, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25120/5-07)
20. \$21,896.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Language and Area Center for Slavic and East European Studies," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1971 through June 30, 1972. (Contract No. OEC-0-71-3431)
21. \$20,900.00 granted by Agency for International Development, United States Government, Washington, D. C., to the University for "Rural Savings Capacity in Taiwan and Response to Economic Incentives," under the direction of the Department of Agricultural Economics and Rural Sociology. (Grant No. AID/EA-169)
22. \$19,924.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Training Grant for Speech and Hearing Impaired," under the direction of the Department of Speech, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25121/5-08)

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

23. \$17,994.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Professions, Division of Physical Therapy, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25124/5-08)
24. \$16,106.00 granted by State of Ohio, Department of Natural Resources, Columbus, Ohio, to the University for a Division of Wildlife Wetland, Wildlife Ecology Research and Management Study, under the direction of the College of Biological Sciences, for the period July 1, 1971 through June 30, 1972. (Project No. W-104-R-15, Study VI, Job VI-1)
25. \$13,360.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Residency in General Preventive Medicine - Training Grant," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 A08 AH 00080-02)
26. \$11,996.00 granted by Agency for International Development, United States Government, Washington, D. C., to the University for "Administration of Purchasing, Inventory Management and Maintenance Management," under the direction of the College of Administrative Science, Division of Continuing Education, with an expiration date of May 30, 1972. (Grant No. AID/csd-1571)
27. \$10,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading," under the direction of the College of Education. (Grant No. OEG-0-70-2057)
28. \$8,275.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medicinal Chemistry - Training Grant," under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01949-03)
29. \$7,150.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Occupational Therapy - Training Grant," under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P25123/5-07)
30. \$5,821.00 granted by State Department of Education, Guidance Field Service, Columbus, Ohio, to the University for "Summer Vocational Guidance Seminar," under the direction of the College of Education.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

31. \$5,565.00 granted by The Ford Foundation, 320 East 43rd Street, New York, New York, to the University for "Black Student Doctoral Fellowship," under the direction of the Graduate School for the year 1971-1972. (Project No. 719-0021)
32. \$3,098.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period April 1, 1967 through June 30, 1968. (Grant No. 3 G02 RM 00022-01S3)
33. \$1,064.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1970 through July 31, 1971. (Grant No. 3 D10 NU 00319-03S)

TOTAL - Administered Through the Office of Business and Finance  
\$2,437,805.00

B. Received Through The Ohio State University Development Fund

1. \$71,657.05 from the Louise Orr Scott Foundation, Columbus, Ohio--\$53,742.79 for scholarships in the College of Medicine and \$17,914.26 for scholarships in the College of Pharmacy.
2. \$32,998.92 from the Estates of Ezra and Mary C. Place, Lima, Ohio, for the establishment of the Mary C. and Ezra Place Scholarship.

Mary C. and Ezra Place Scholarship

The Mary C. and Ezra Place Scholarship was established September 2, 1971, by the Board of Trustees of The Ohio State University with a bequest through the Development Fund from Mr. and Mrs. Ezra C. Place, late of Lima, Ohio.

All gifts are to be invested in the University's Endowment Fund, under the rules and regulations 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 award four scholarships of \$1,500.00 each to qualified students at the Lima Campus, or its successor, to be selected by the Trustees. Selection shall be made on the basis of merit, with preference being given to graduates of Lima Senior High School, Lima, Ohio; Elida High School, Elida, Ohio; Bath High School, Lima, Ohio;

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

2. Mary C. and Ezra Place Scholarship (continued)

and Perry High School, Lima, Ohio. Said scholarships may be granted to those graduates of the above mentioned schools who desire to attend any college or department of the University or any technical or trade school which may be a part of, or operated by or in connection therewith.

Payments shall be made from income, but the University may, in the discretion of the Trustees, invade the corpus to accomplish the purpose expressed herein.

3. \$25,600.00 from Eli Lilly and Company, Indianapolis, Indiana-- \$20,600.00 for infectious disease research and \$5,000.00 for research in microbiology.
4. \$25,000.00 from The International Nickel Company of Canada, Ltd., New York, New York, for support of the International Nickel Company Professorship in Corrosion Science and Engineering.
5. \$21,000.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio, for the Institute for Research in Vision.
6. \$16,000.00 from The Bremer Foundation, Youngstown, Ohio, for its fund in the College of Medicine.
7. \$13,810.54 from Associates of Medicine, Columbus, Ohio, for their General Fund.
8. \$13,698.86 from the American Medical Association, Chicago, Illinois, for the Faculty Seminar on Medical Education.
9. \$13,582.58 from the Producers Livestock Association, Columbus, Ohio, for the establishment of the Producers Livestock Association Scholarship Fund.

Producers Livestock Association Scholarship Fund

The Producers Livestock Association Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Producers Livestock Association, 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.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

9. Producers Livestock Association Scholarship Fund (continued)

All annual income is to be used to support a scholarship for one or more students enrolled in the College of Agriculture and Home Economics, who are also members of the Agricultural Honors Program, who have attained at least a junior standing; they may be members of the combined Agriculture-Graduate Program leading to simultaneous bachelor's and master's degrees; and they must be applying for an undergraduate research scholarship.

Applicants for this scholarship or scholarships must submit research proposals to the College Honors Committee which is to recommend awardees to the University's 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 determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

10. \$12,670.00 from Ohio Lions Research Foundation, Springfield, Ohio, for research in the College of Optometry.
11. \$11,900.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
12. \$10,605.13 from Mr. Tom Kyle, Sr., Tipp City, Ohio, for the L. C. Chadwick Research Fund.
13. \$10,000.00 from Samuel Mendel Melton Foundation, Columbus, Ohio, for the Jewish Philosophy Professorship.
14. \$10,000.00 from Parke, Davis and Company, Detroit, Michigan, for research in the College of Medicine.
15. \$8,500.00 from the Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, to support a fellowship in Medicine.
16. \$6,640.00 from G. D. Searle and Company, Chicago, Illinois, for gastroenterology research.
17. \$6,400.00 from Ross Laboratories, Columbus, Ohio, for graduate research in dairy food chemistry.
18. \$5,524.40 from the Estate of Doris M. Risley, Columbus, Ohio, for scholarships in the School of Home Economics.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

19. \$5,000.00 from John J. and Elizabeth O'Neill, Newark, Ohio, for the establishment of The John J. and Elizabeth O'Neill Scholarship Fund.

The John J. and Elizabeth O'Neill Scholarship Fund

The John J. and Elizabeth O'Neill Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John J. and Elizabeth O'Neill, Newark, Ohio.

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

The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students attending the Newark, Ohio, Campus, who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made by the University Scholarship Committee upon the recommendation of the Director of the Newark Campus.

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 at the Newark Campus 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. Should the Newark Campus become a separate College or University, it is the understanding of the donors that this gift would be transferred to that College or University.

20. \$5,000.00 from General Motors Research Laboratories, Warren, Michigan, to establish a research fund in the Department of Metallurgical Engineering.
21. \$5,000.00 from Organon, Inc., West Orange, New Jersey, for renal disease research.
22. \$5,000.00 from Rohm & Haas Company, Philadelphia, Pennsylvania, for the Rohm and Haas Company Fund in Chemistry.
23. \$5,000.00 from Southgate Development Corporation, Newark, Ohio, to establish an endowed scholarship for the Newark Campus.
24. \$5,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

25. \$5,000.00 from Maurice A. Young, Youngstown, Ohio, to be used by the Frank E. and Mary W. Pomerene Professor for whatever purpose deemed necessary.
26. \$2,164.06 from Lowry W. Harding for the establishment of The Dr. Lowry W. Harding Fellowship Fund.

The Dr. Lowry W. Harding Fellowship Fund

The Dr. Lowry W. Harding Fellowship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lowry W. Harding, Ph. D. 1941, a Professor in the Elementary Education Division of the College of Education.

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

The annual income is to be used to provide one or more graduate fellowships for doctoral students at The Ohio State University majoring in elementary education, who exhibit continuing professional interest in the improvement of mathematics instruction in elementary schools and in preparation of prospective elementary school teachers. The selection of the recipient is to be made upon the recommendation of the Graduate Program Committee of the EMCE Faculty, its successor or equivalent, in consultation with the senior EMCE Faculty member working in mathematics education. In the event that a fellowship is not awarded in any given year, the annual income is to be added to the principal of the fund.

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 elementary education.

27. \$2,059.31 from the family and friends of the late Harold E. Shoemaker and the late Ray Allen Linville for the establishment of the Linville-Shoemaker Scholarship Fund.

Linville-Shoemaker Scholarship Fund

The Linville-Shoemaker Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

27. Linville-Shoemaker Scholarship Fund (continued)

and friends of the late Harold E. Shoemaker, M.S. '52, Ph.D. '59, Worthington, Ohio, and the late Ray Allen Linville, B.Sc. Agr. '49, M.S. '50, Worthington, Ohio, Associate Professors in the College of Agriculture and Home Economics at the time of their deaths on November 13, 1969.

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

The annual income is to be used to provide scholarships for one or more sophomore or junior students enrolled in the College of Agriculture and Home Economics and majoring in Agronomy, who exemplify professional attitude and devotion to Agronomy and who have outstanding academic records. The scholarship awards are to be made by the University Scholarship Committee, upon the recommendation of the Dean of the College of Agriculture and Home Economics and the Chairman of the Department of Agronomy.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the Agronomy Department 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 of the appropriate administrative official of the University who is then directly responsible for agronomy education.

28. \$1,291.63 from family, faculty, students, and friends of Robert B. Miner for the establishment of the Robert B. Miner Memorial Fund.

Robert B. Miner Memorial Fund

The Robert B. Miner Memorial Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from family, faculty, students, and friends to honor the memory of Robert B. Miner, Ph.D. '48, Professor of Marketing in the College of Administrative Science 1946 to 1971, and Chairman of the Department of Business Organization 1958 to 1968.

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

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

28. Robert B. Miner Memorial Fund (continued)

The annual income is to be used to support young faculty members and graduate students in marketing in attending meetings of learned societies and associations or in other professional development activities as recommended by the Chairman of the Faculty of Marketing with concurrence of the Dean of the College of Administrative Science.

Should the need for these purposes cease to exist or so diminish as to provide unused income or should the College of Administrative Science 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 of the appropriate administrative official of the University who is then directly responsible for education in marketing.

TOTAL - Received Through The Ohio State University Development Fund  
\$356,102.48

C. Establishment of New Fund from Previously Reported Gift

Florence O. Wilson Fund

The Florence O. Wilson Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Miss Florence O. Wilson, Oklahoma City, Oklahoma.

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/or principal is to be used in the development of the University's Ernest Q. Moores Demonstration Farm, which was given to the University by Miss Wilson and which is operated by the College of Agriculture and Home Economics.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. Month of June, 1971

In June, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,405	\$ 90,911.70
Individuals Other than Alumni	422	95,588.32
Business Concerns	110	74,936.92
Foundations and Nonprofit Organizations	55	146,051.62
	<u>3,992</u>	<u>\$407,488.56</u>

2. Month of July, 1971

In July, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,757	\$ 80,926.15
Individuals Other than Alumni	204	70,144.77
Business Concerns	42	106,628.68
Foundations and Nonprofit Organizations	63	69,708.77
	<u>3,066</u>	<u>\$327,408.37</u>

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Lazenby Hall, Remodeling of Library and  
Faculty Research Laboratories

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 74,377.00	\$ 77,923.20	\$ 3,546.20

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

September 2, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Lazenby Hall, Remodeling of Library  
and Faculty Research Laboratories (continued)

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801207 (Horticulture Building Remodeling).

B. University Hospital, Electrical Distribution in Patient Areas

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 33,200.00	\$ 38,197.00	\$ 4,997.00

The changes made on this project were necessary because of structural conditions not apparent at the time of design.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

C. Laboratory Animal Facility Center (Sanitary Sewer)

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 87,550.07	\$ 89,068.19	\$ 1,518.12

The changes on this project were made necessary because of easement agreements completed after contracts were awarded to provide for additional sanitary stubs to the main sewer line to satisfy property owners.

Funds for the project have been provided from Budget Account 801021 (Lab Animal Facility Center) and Budget Account 801144 (Lab Animal P. H. S.).

D. Telecommunications Center

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$5,118,760.50	\$5,171,886.29	\$53,125.79

During construction, manufacturers of the video tape specified recommended 30% less humidity than had been included in the original specifications. Therefore, an air dryer was added on the return air unit serving the Film and Video Tape Rooms to maintain relative humidity in the rooms.

Funds for this project have been provided from Budget Account 801035 (Center for Tomorrow).

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

E. University Hospital, Replacement of Main House Pump

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 14,750.00	\$ 15,056.70	\$ 306.70

During the construction of the job it was necessary to move the 8" valve 90° from its existing position for convenience of maintenance operation. Also, the pressure sensor was moved further from the pump to obtain a better reading.

Funds for this project have been provided by a transfer from the Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

F. Starling Loving Hall, Modernization of Electrical System in "A" Wing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 27,949.00	\$ 30,929.29	\$ 2,971.29

This change was necessary to install additional circuit breakers in new panels, relocation of panels and/or feeders because of structural conditions unforeseen at the time the engineering plans were drawn.

Funds for this project have been provided by a transfer from the Hospital Rotary to Budget Account 801156 (Starling-Loving Electrical System).

G. Means Hall, Ventilation System Improvements - Phase I

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 62,307.00	\$ 63,082.00	\$ 775.00

During the construction of the job a preventative maintenance caulking material was selected by the engineers than was originally called for in the specifications.

Funds for this project have been provided by a transfer from Budget Account 809998 (Hospital Capital Reserve) to Budget Account 801224 (Air Conditioning Means Hall).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

September 2, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Goss Laboratory, Renovation of Rooms 219, 219A, 231A, and 231B

This project involves the complete renovation of existing laboratory space.

Funds for this project have been provided from Budget Account 125908 (Veterinary Medicine Special) and transferred to Budget Account 801183 (Goss Laboratory Remodeling).

B. Journalism Building Expansion

This project involves a new three-story addition plus the addition of a third floor over the existing building which will add needed space for the School of Journalism and related communicative arts program of the College of Social and Behavioral Sciences.

The implementation of this project is subject to the reappropriation by the Legislature of funds from H. B. 531 to the Capital Improvements Bill for 1971-73.

Upon motion of Mr. Dorsey, seconded by Mr. Eckley, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. University Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 7-6-71)		
Wm. O'Rourke Wrecking Co. (Cincinnati, Ohio)	\$ 37,345.00	\$ 92,150.00

Funds for this project have been provided by a transfer from Budget Account 809999 (Plant Funds Receivable) to Budget Account 801247 (University Hall Demolition).

September 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant--13 KV Distribution System Extension

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 7-13-71)		
Jess Howard Electric Co. (Columbus, Ohio)	\$ 30,447.00	\$ 56,424.00

Funds for this project have been provided by a transfer of funds from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

C. Ambulatory Patient Teaching Facility

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
<u>Laboratory Casework Contract (Rebid)</u>		
(2 bids received 7-15-71)		
Kewaune Scientific Corporation (Adrian, Michigan)	\$203,500.00	\$275,000.00

Funds for this project have been provided from a P. H. S. Federal Grant and Item 315-016 (Medical Complex), H. B. 531.

D. Classroom Buildings--Installation of Fire Alarm Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(7 bids received 7-23-71)		
S & S Electric Company (Columbus, Ohio)	\$ 19,500.00	\$ 36,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

E. Fomerene Hall Women's Swimming Pool--Remodeling  
of Roof and Ceiling and Lighting Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 8-23-71)		
Edward A. Werner Maintenance Co. (Columbus, Ohio)	\$ 19,650.00	\$ 20,637.00
<u>Electrical Contract</u>		
(4 bids received 8-23-71)		
McKown Electric Company (Mt. Vernon, Ohio)	<u>2,490.00</u>	<u>4,000.00</u>
<u>Total Contracts</u>	<u>\$ 22,140.00</u>	<u>\$ 24,637.00</u>

September 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Pomerene Hall Women's Swimming Pool--Remodeling  
of Roof and Ceiling and Lighting Improvements (continued)

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above award of  
contracts and expenditure of funds were approved and the action of the Vice  
President for Administrative Operations ratified by unanimous roll call vote.

\* \* \*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

- 40 Approves the transfer and release of \$232,790.00 from Item 315-016  
"Medical Complex" to Item 315-077 "Clinical Medical Sciences Edu-  
cation Facility," H. B. 531, to provide funds for architect's fees for  
the project "Clinical Medical Sciences Education Facility."
- 41 Approves the release of \$333,800.00 from Item 315-074 "Utilities and  
Renovation," H. B. 531, to provide funds for the project "Renovation  
of Cockins Hall."
- 42 Approves the release of \$2,360,000.00 from Item 315-068 "College of  
Agriculture: Land, Barns and Teaching Facilities," H. B. 531, to  
provide funds for the project "Animal Science Livestock Center."

\* \* \*

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Airport Development - 1971

In making an application for grant funds for Airport Development under the  
Federal Aviation Administration Federal Aid Program Airport Develop-  
ment, this Board is required to approve the following resolution:

BE IT RESOLVED, that the Board of Trustees authorizes and directs  
that an application be filed with the Federal Aviation Administration  
Federal Aid Program Airport Development for a grant to support the  
expansion of the University Airport; and

BE IT FURTHER RESOLVED, that the Board designate Novice G. Fawcett,  
President of The Ohio State University, as the person authorized to file this  
application and act as the representative of the University in all matters  
relating to this application and Bernard J. Lachner, Vice President for  
Administrative Operations, as the alternate; and

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Airport Development - 1971 (continued)

BE IT FURTHER RESOLVED, that the Board of Trustees of The Ohio State University, being cognizant of the conditions under which such grant funds are approved, authorize the Vice President for Administrative Operations to proceed in the normal University manner to employ an engineer to develop schematic plans which are required for such an application with funds for this service to be supplied in an amount not to exceed \$25,000.00 and to be provided by a transfer from Budget Account 809999 (Plant Funds Receivable) to Budget Account 801249 (Airport Development) with the understanding that these funds will be reimbursed from the Federal Grant upon approval.

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

Preceding the recommendation providing for bonding for the Treasurer of The Ohio State University, Mr. Hilliker made a motion that Mr. Ernest W. Leggett be named Treasurer to replace Mr. Gordon B. Carson. The motion was seconded by Mr. Dunlap.

B. Treasurer's Bond - Required by Section 3335.05  
Ohio Revised Code

Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines.

President Fawcett recommended that the bond of Ernest W. Leggett, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$500,000.00.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

WHEREAS, on December 4, 1970, the Board of Trustees of The Ohio State University authorized the sale of 12.318 acres to the Ohio Building Authority; and

WHEREAS, as a part of an Agreement of Sale between the Ohio Building Authority and The Ohio State University, the University agreed to provide an easement to Columbia Gas of Ohio, Inc., for the purpose of constructing a gas line to service the National Guard and Department of Commerce hangar facilities being constructed on the lands sold; and

WHEREAS, the University has the right to utilize this gas service for any future facilities in this area;

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Gas Line Easement - Columbia Gas of Ohio, Inc. (continued)

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to sign the necessary legal instruments to provide for the installation of this gas service.

Upon motion of Mr. Gushman, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

D. Agreement Between The Ohio State University and the Ohio Highway Transportation Research Board

WHEREAS, Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio, created the Ohio Highway Transportation Research Center and placed this Center under the guidance of the Ohio Highway Transportation Research Board; and

WHEREAS, Section 2 of that bill provided that the Board of Trustees of The Ohio State University should transfer such land as was owned by the State and currently administered by the University for transportation research in Union and Logan Counties to the Ohio Highway Transportation Research Board; and

WHEREAS, the Ohio Highway Transportation Research Board was required by Section 2 of the bill to reimburse the University for any monies advanced for the purchase of such land and that such reimbursement should be credited to the fund or funds from which said monies were advanced; and

WHEREAS, an agreement was entered into between the University and the Ohio Highway Transportation Research Board on February 13, 1970, which provided for the transfer of such lands and the reimbursement and crediting of such funds in accordance with the terms of Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio; and

WHEREAS, the Ohio Highway Transportation Research Board has reimbursed the University for its advancement of \$1,000,000 for the acquisition of such land by crediting the amount of \$1,000,000 to the Improvements Fund created by Section 129.51, Revised Code, that being the fund or funds from which said monies were advanced;

NOW, THEREFORE, BE IT RESOLVED, that the President of The Ohio State University be authorized to sign a transfer of such State-owned lands on behalf of the University to the Ohio Highway Transportation Research Board, all in accordance with the provisions of Section 2 of the Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the above resolution was adopted by unanimous roll call vote.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

E. Undergraduate Library and Service Center (Joseph Sullivant Hall) -  
Employment of Engineer

President Fawcett recommended that the engineering firm of W. E. Monks and Company, Columbus, Ohio, be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning, and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost, and field supervision of construction as required.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works and funds have been provided for this project from Budget Account 801095 (Undergraduate Library); a proposed appropriation in the 1971-73 Capital Improvements Bill, and proposed reappropriation from Item 315-061 (Undergraduate Library), H. B. 828.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

F. Unemployment Compensation - Employment of Management  
Program Consultants

President Fawcett recommended that the Executive Director for Personnel Services be authorized to proceed to employ Gates, McDonald & Company, Columbus, Ohio, as Management Program Consultants in connection with the administration of the unemployment compensation function to be accomplished during the period August 1, 1971, to December 31, 1971, and for the calendar years 1972 and 1973.

The fee for this service will be negotiated not to exceed \$3,640 for the period August 1, 1971, to December 31, 1971, then at an annual rate not to exceed \$40,000 per year for the calendar years 1972 and 1973. Funds for this service will be provided from Budget Account 124710 (Personnel Services).

Upon motion of Mr. Eckley, seconded by Mr. Dorsey, the above recommendation was approved by unanimous roll call vote.

G. Control of Dogs and Other Animals - Amended Rule 61.09

President Fawcett recommended that the Animal Leash Rule Number 61.09, under date of July 31, 1969, as adopted by the Board of Trustees for the University be amended since our experience shows a greatly increased number of animals on the grounds, in buildings, and in housing units resulting in health, nuisance, and cost problems.

Therefore, it was recommended that a revised rule for increased animal regulation, prohibition, and enforcement be enacted. This section shall not apply to seeing-eye dogs when accompanied by their masters nor shall it apply to animals used for approved research or observation in classroom, laboratory, farm, or clinical facilities. All animals other than those specifically excepted are to be leashed.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

G. Control of Dogs and Other Animals - Amended Rule 61.09 (continued)

Violators will be subject to University discipline for violation of University rules and animals impounded under a \$15 per day charge.

The proposed rule has been reviewed and approved by designated legal counsel.

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. This section shall not apply to seeing-eye dogs when accompanied by their masters nor shall it apply to animals used for approved research or observation in classroom, laboratory, farm or clinical facilities.

Section 2. Any dog or other animal found upon the grounds of The Ohio State University or in or upon any University building, except as permitted pursuant to the provisions of Section 1 hereof, may be taken into custody and impounded by University authorities. The University shall hold such dogs or other animals in an impounding facility on the grounds of the University for at least 36 hours, after which time the University will turn the same over to the Humane Society for disposition.

Section 3. Any suspected rabid dog or other animal shall be held in isolation under observation by a person and in a place suitable to University officials for a period of at least 10 days after such animal is taken into custody in order to determine the definite development of rabid symptoms or for such further period as an examining veterinarian may deem necessary.

Section 4. The owner or keeper of any dog or animal impounded by University officials pursuant to this rule shall pay to the University for costs incurred in the impounding of such animal a fee of \$15 per day or any part thereof that the animal is held in University facilities plus any reasonable charges for registration and inoculation against rabies in accordance with Chapter 955, Ohio Revised Code, and Chapter 707, Columbus City Code, and provided that the total charge to the owner imposed by the University for any animal held for more than two days pursuant to Section 3 herein shall not exceed \$50. No dog or other animal may be released without proof of such registration and inoculation.

Section 5. The term animals, as used in this rule, shall include all kinds of animals, fish, fowl, reptiles, and amphibians, whose natural characteristics or actions may damage University property, create a disturbance or otherwise interfere with or disrupt normal University activities.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the above recommendation was approved by a seven to one roll call vote, with Mr. Dunlap casting the negative vote.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

G. Control of Dogs and Other Animals - Amended Rule 61.09 (continued)

In discussing the motion Mr. Dunlap indicated that he was quite reluctant to support the motion as he could appreciate the point of view expressed by Mr. Rosenberg. He noted that he could also appreciate the problem of permitting the dogs to run unleashed.

Dr. Sirak raised the possibility of permitting dogs to run on a portion of the athletic fields.

Dr. Moulton said that the students living in the dormitories used the athletic fields for recreational purposes and that these two uses were not compatible.

President Fawcett said that this revised rule had been carefully reviewed with legal counsel and compared with a number of dog ordinances at other universities and that this seemed to offer a moderate approach to this growing problem.

H. Completion of 3rd Floor - Center for Tomorrow, Employment of Engineers

President Fawcett recommended that the engineering firm of Heapy and Associates be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning, and electrical work for the completion of the 3rd floor of the Center for Tomorrow, including design, preparation of drawings, specifications, estimate of cost, and periodic field supervision of construction as required. Through private contributions it will now be possible to provide additional revenue producing guest rooms which were deleted from the original structure because of a limitation of funds.

The fee for this service will be negotiated based upon the estimated cost of the Mechanical and Electrical work. Funds have been provided from Budget Account 522374 (Center for Tomorrow Fund).

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Earl Hayes Baxter, Professor Emeritus in the Department of Pediatrics; Ernest R. Biggs, Associate Professor in the School of Health, Physical Education and Recreation, and Head Athletic Trainer in the Department of Athletics; Mikhail V. Condoide, Professor Emeritus in the Department of Economics; William Eugene Dickerson, Professor Emeritus in the College of Administrative Science - Faculty of Accounting; Willard Frost Guard, Professor Emeritus in the College of Veterinary Medicine; Florence McBride, County Extension Agent Emeritus, Home Economics, Cooperative Extension Service; and William E. Warner, Professor Emeritus in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

X. RESOLUTIONS IN MEMORIAM (continued)

A. Earl Hayes Baxter

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 16, 1971, of Earl Hayes Baxter, M. D., Professor Emeritus in the Department of Pediatrics.

Dr. Baxter was born in Mt. Vernon, Ohio, September 9, 1892, the son of Charles Chase and Etheline Hayes Baxter. He spent his boyhood days on a farm and attended a one-room school in his early youth. After graduating from high school in 1910, he taught at a country school near Mt. Vernon for a brief period. He received his Bachelor's degree in 1915 and his Doctor of Medicine degree in 1918, both from The Ohio State University.

Dr. Baxter had postgraduate training at the University of Michigan, Philadelphia Children's Hospital, Rush Medical College, and in 1936, in the Vienna Clinics. He started his practice of pediatrics in Columbus in 1921 and throughout the years until his last illness maintained a busy schedule of practice and consultation. He joined the faculty of The Ohio State University in 1918 and continued teaching until he became Professor Emeritus in 1963. In 1941, when the Department of Pediatrics was established in the College of Medicine, Dr. Baxter became Professor of Pediatrics and the first Chairman of the Department. He served as Chief of Staff at Children's Hospital from 1939 to 1963, and from 1937 to 1963 he was Chief of Pediatric Services at the University Hospital. He was certified by the American Board of Pediatrics in 1937 and had membership in many professional societies including the American Academy of Pediatrics and the Midwest Society for Pediatric Research. He was President of the Academy of Medicine in Columbus and Franklin County in 1955 and was selected as Man of the Year by the Class of 1961 in the College of Medicine.

Dr. Baxter was one of the early pediatricians in Central Ohio and was a pioneer in the development of the Department of Pediatrics and of the Columbus Children's Hospital. He bridged the transition from the old to the new in the College of Medicine and after the Department of Pediatrics was established under his leadership it flourished and grew into a major medium for education and research in child health. His guidance was instrumental in the rapid growth of Children's Hospital to the present status of a nationally recognized institution for child care and a center for teaching medical personnel and those entering allied professions.

Earl Baxter had more responsibilities and demands upon his time than most, but he was never too busy to take time from his administrative chores, teaching responsibilities, or practice to give his whole attention to the personal problems of a young student or resident, a colleague or the family of a sick child. His warmth of personality, his vigor and decisiveness and, most of all, his concern for young people, whether they were children under his care or students preparing for the health professions, are legendary. Earl Baxter looked out for the interests of his dominions when to him it seemed necessary. He was one to change the schedule of a busy day to visit the Dean or a Vice President or the President of a corporation if he sensed an inattention to his department or a need at the hospital.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Earl Hayes Baxter (continued)

The Department of Pediatrics of the College of Medicine, the Columbus Children's Hospital, the countless physicians who came under his influence in the College of Medicine, and the pediatricians who went through the training program in the Department of Pediatrics, as well as the thousands who were his patients, are monuments to his deep involvement in the health and well being of all with whom he had contact. His energy, humor, and deep interest in people are engrained in the memories of those who knew him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in 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.

B. Ernest R. Biggs

The Board of Trustees of The Ohio State University expresses its sorrow at the August 7, 1971, death of Ernest R. Biggs, Associate Professor in the School of Health, Physical Education and Recreation, and Head Athletic Trainer in the Department of Athletics.

Nationally recognized as one of the top men in his field, in the care and prevention of athletic injuries, Mr. Biggs has been associated with The Ohio State University since his undergraduate student days.

The son of a Methodist minister, "Ernie" was born in Texas, November 28, 1916. He moved to West Liberty, Ohio, at an early age and it was here that he took his formal schooling. He entered The Ohio State University in the fall of 1935 and received his B.S. degree in 1939. As an undergraduate, he served as a student assistant trainer for three years.

Following his graduation, he was appointed full-time assistant trainer in 1939 and remained in the employ of the Department of Athletics until his death, save for a year in the Dean of Men's Office, while taking graduate work in 1941. He earned a M. A. degree in 1941.

In 1942 Mr. Biggs was named head athletic trainer, a position he held with distinction.

Quiet, efficient, understanding, dedicated, and extremely capable - this would be a way of describing Ernie's unusual charisma. He liked people and he understood them and his compassion for his fellowman was always discernible. He especially liked athletes, and he devoted his life to caring for them.

During his many years at The Ohio State University, Ernie worked with nearly every varsity athlete and with all the varsity coaches. The unusual esteem and respect shown for Mr. Biggs is mute tribute to his ability and character.

X. RESOLUTIONS IN MEMORIAM (continued)

B. Ernest R. Biggs (continued)

Ernest Biggs did much to upgrade the athletic training profession. He held a patent on a special knee support and he developed an ankle brace which he also patented. He co-originated a conditioning spat, containing variable weights, that is used by countless athletes. He conducted numerous clinics throughout the country and became a recognized authority on the care and prevention of athletic injuries. Mr. Biggs served on the Board of Directors of the National Athletic Trainers' Association and was one of eight U. S. trainers in the 1964 Olympic Games in Tokyo.

On behalf of the University at large, the Board of Trustees expresses its deep sympathy to the family. 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 humble expression of the Board's heartfelt sympathy.

C. Mikhail V. Condoide

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 6, 1971, of Mikhail V. Condoide, Professor Emeritus in the College of Social and Behavioral Sciences--Department of Economics.

Professor Condoide was born September 29, 1898, as Mikhail Vladimirovitch Kondoidy, of an aristocratic Russian family, in Samara, Russia, where his father, later Governor of Moscow in World War I and Member of the Imperial Council, was Governor of the Province of Samara. Young Mikhail's education was interrupted by World War I, but before entering the war as a cavalry Lieutenant in the Fourth Uhlans of Kharkov, he had graduated from the Imperial College of Alexander I in St. Petersburg and from the Emperor Nicholas Cavalry Academy. During the Russian Civil War Professor Condoide served as a Staff Lieutenant in the White Russian Army until his unit was evacuated from the Crimea into Turkey in 1919. He worked his way to Vienna and then to Paris where, as a young Russian Emigre, he resided with an aunt, worked at various occupations, and studied at the Sorbonne.

In the late 20's, Dr. Condoide emigrated to the United States and in 1929 married Jessie Morrey, talented daughter of the late Dr. Charles B. Morrey, distinguished Professor of Anatomy and Bacteriology at The Ohio State University for many years. Dr. Condoide enrolled at The Ohio State University and earned, successively, the B. A. degree, and graduate degrees in economics of M. A. and Ph. D., the last in 1949.

Professor Condoide first became a member of The Ohio State University staff in 1938 as a Research Assistant in the Bureau of Business Research. He served in the Bureau until 1963, but began teaching in the Department of Economics in 1942. He was appointed Associate Professor of Economics in 1955, Professor in 1960, and Professor Emeritus in 1969.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Mikhail V. Condoide (continued)

Professor Condoide was multi-lingual, being fluent in Russian, French, and English. With Russian his native tongue it was natural that within his academic field of International Trade and Finance he should make Soviet Economics his major specialty, and that he should distinguish himself in this field, becoming internationally known for his works on the Soviet financial system and foreign trade. He was an able teacher and by the breadth of his knowledge and the intensity of his presentation contributed to the understanding of socialist and especially Soviet economics of a generation of students. Dr. Condoide was especially known for his writings which were in a polished, concise, and extraordinarily lucid English. His books, Russian American Trade and, particularly, The Soviet Financial System, are examples of the perfection of his literary style. In addition to articles and book reviews, a final contribution to the literature in his field was his co-editorship of Soviet Foreign Relations and World Communism, published in 1965 by Princeton University Press.

In all of his teachings and his analyses of Soviet economic policies and trends, Professor Condoide maintained an attitude of complete objectivity and scholarly detachment. Where a lesser man might have been embittered and biased by his experience during the Russian Revolution and the violent severance of his patrimony and position, Professor Condoide was able to view this social and political upheaval and his own fortunes in a larger perspective. In fact, it was apparent that he had great sympathy for the deprivations of the Russian masses and the egalitarian aims of the Revolution, if not its methods.

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.

D. William Eugene Dickerson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 13, 1971, of William Eugene Dickerson, Professor Emeritus in the College of Administrative Science - Faculty of Accounting.

Professor Dickerson was born in Chicago, Illinois, on February 3, 1897. He received his B. B. A. degree in 1921, and his M. B. A. degree in 1923 from the University of Washington. He obtained his Ph. D. degree from the University of Chicago in 1926. Before coming to The Ohio State University, he also held academic positions at the University of Chicago, University of Kentucky, and University of Pittsburgh. Coming to The Ohio State University as an Assistant Professor in 1929, he advanced to Professor in 1946.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. William Eugene Dickerson (continued)

Professor Dickerson, a Certified Public Accountant in Ohio since 1933, served as a consultant and was joint author of books on federal income taxes, and state and local taxes. He also contributed articles to professional journals. His research studies included studies in tax compliance cost, operating costs in the retail drug trade, excise profits, tax refunds claims, and the organization and control of The Illinois Bell Telephone.

In addition to a full career in University teaching, Professor Dickerson was called upon to serve on University councils and committees. Throughout his active career, he was continuously involved in educational and professional organizations in his field of specialization. In 1951, he served as national president of Beta Alpha Psi. In 1961-62, he was vice president of the American Accounting Association.

A recognized authority in the field of income taxation in Ohio and nationally, Professor Dickerson as a member of the Committee on Federal Taxation of the American Institute of Certified Public Accountants in 1959 was one of eight persons designated to testify before the Tax Writing Committee of the House Ways and Means Committee. He was largely responsible for the acceptance of the concept of "Income Averaging" in the present Federal Income Tax Law.

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.

E. Willard Frost Guard

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 12, 1971, of Dr. Willard Frost Guard, Professor Emeritus in the College of Veterinary Medicine.

Dr. Willard Frost Guard was born January 29, 1890, on a farm near North Bend, Ohio. He attended The Ohio State University receiving his Doctor of Veterinary Medicine degree in 1912. From 1912 to 1913 he served as house surgeon in the College and from 1913 to 1914 he operated a private practice. In 1914, Dr. Guard joined the staff of the Veterinary College at Iowa State University where he advanced in rank from Assistant Professor to Head of the Department of Surgery and Director of Clinics, a position he held until 1929. Later in 1929, he joined the staff of his Alma Mater as Professor and Head of the Department of Surgery and Clinics in which capacity he remained until 1947. From 1947 to 1957, he served as Professor and Chairman of the Department of Surgery and from 1957 to 1958, he served as a Professor. In 1958, he was appointed technical advisor to the College of Veterinary Science and Animal Husbandry in Bikaner, India. After eighteen months service in India, he returned to The Ohio State University just prior to his retirement on July 1, 1960.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Williard Frost Guard (continued)

In addition to his busy career, Dr. Guard was an active member of the Upper Arlington City Board of Health from 1944 to 1958 and served as Deputy Health Commissioner from 1955 to 1956.

His endeavors included membership in many local, state, and national professional organizations. He represented veterinary surgery at the International Veterinary Congress in 1934 and was President of the Ohio State Veterinary Medical Association in 1938. He was a member of Sigma Xi, Phi Kappa Phi, Phi Zeta and was awarded the "Gamma Key" of the Omega Tau Sigma Fraternity in 1953. He was an organizer and first president of the Equine Practitioners Association of America.

For his broad interest and contribution to the profession of veterinary medicine, for his fine leadership in the field of clinical medicine, and for his sincere interest in teaching and the maintenance of high standards of education, the faculty of the College of Veterinary Medicine, The Ohio State University, conferred upon Dr. Willard F. Guard the Distinguished Alumnus Award in June, 1971.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Guard its deep 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 humble expression of the Board's heartfelt sympathy in its bereavement.

F. Florence McBride

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 14, 1971, of Mrs. Florence McBride, County Extension Agent Emeritus, Home Economics. Mrs. McBride served as Home Economics Agent in Mahoning and Athens Counties.

Mrs. McBride was born December 17, 1895, near Summerfield, Ohio. She attended school in Monroe County and was graduated from Woodsfield High School in 1916. She attended Ohio University, Athens, Ohio, where she received a Bachelor of Science in Education degree in 1926. She taught school in Monroe, Noble, and Athens Counties, and served as Home Demonstration Agent in West Virginia for one year. Mrs. McBride was appointed Home Demonstration Agent in Mahoning County in 1927 and served there until she resigned in 1943. She returned to the employment of the Cooperative Extension Service in 1950 when she was appointed County Extension Agent, Home Economics in Athens County. She served in Athens County until her retirement in 1961.

During her career as a faculty member of the Ohio Cooperative Extension Service, Mrs. McBride was highly respected by the people with whom she worked in both Mahoning and Athens Counties as well as by her co-workers throughout Ohio. She was an excellent teacher and developed many outstanding programs for the families with whom she worked.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

F. Florence McBride (continued)

Among the honors she received was the Distinguished Service Award from the National Home Demonstration Agents Association in 1958. Mrs. McBride was also honored by the Ohio County Extension Agents Association and Epsilon Sigma Phi, national extension fraternity in 1958. She served as chairman of the Ohio Home Economics Agents in 1956.

On behalf of the University community, the Board of Trustees expresses to the husband of Mrs. McBride its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be sent to Mr. McBride as a sincere expression of the Board's realization of the loss which he and the University have sustained.

G. William E. Warner

The Board of Trustees expresses its sorrow at the death on July 11, 1971, of William E. Warner, Professor Emeritus in the College of Education.

Dr. Warner was born in Roanoke, Illinois, on August 22, 1897. He received his baccalaureate degree at the University of Wisconsin in 1923. In 1924 he received a M.S. degree from that same institution. His Ph. D. degree was received from Columbia University in 1928.

Dr. Warner taught five years in the public schools of Wisconsin and New York, pioneering the general shop concept, a new departure from the unit shops which were a product of early manual training. In 1925, he was appointed an Assistant Professor in the Department of Education at The Ohio State University. He was subsequently awarded the titles of Associate Professor and Professor, being accorded the title of Professor Emeritus upon his retirement in 1967. During this tenure he pioneered both the laboratory of industries and the curriculum to reflect technology.

Dr. Warner founded Epsilon Pi Tau in 1929, serving as executive secretary until 1970. From Ohio State's Alpha Chapter, this honorary fraternity has grown to a world-wide organization of more than eighty chapters with more than 20,000 members. Dr. Warner also was the founder and first president in 1939, of the American Industrial Arts Association, a department of the National Education Association. Throughout his distinguished career, Dr. Warner promoted educational leadership through graduate instruction and advisement. He served as major adviser to about fifty recipients of the Ph. D. degree from The Ohio State University, plus more than one hundred and thirty-five candidates for the master's degree.

Dr. Warner was a veteran of World War I and World War II, rising to the rank of Lieutenant Colonel in the Army. He was assigned to General Eisenhower's staff at SHAEF in London and Versailles. After returning to the University at the close of World War II, he took a leave of absence in 1950 to accept the post of Ohio Civil Defense Director. In April, Dr. Warner was the recipient of a special tribute from the American Industrial

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

G. William E. Warner (continued)

Arts Association, and a plaque memorializing his contributions to the association is displayed in the national headquarters in Washington, D. C. Just the week before his death, the Ohio Legislature commended him as one of Ohio's exemplary citizens for his outstanding career as an educator, speaker, author, consultant, organizer, and developmental leader.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and 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 of Dr. Warner as a humble expression of the Board's heartfelt sympathy in its bereavement.

\* \* \*

XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Construction of Office Building on Kenny Road for Use of the Center for Vocational and Technical Education

In accordance with authorization provided by the Finance and Investment Committee bids have been taken on the above project and it is recommended that a lump sum contract be awarded to Six Industries, Inc. (Springfield) in the amount of \$992,000 for the construction of a shell building complete with all services. Additional interior work will be in accordance with unit prices included in the bid. Total project costs are not to exceed \$1,150,000.

Funds will be provided from the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above award of contract was approved by unanimous roll call vote.

2. Appropriations for University Administrative Officials

Mr. Hilliker moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1971-1972 be as follows: (1) to the President, \$10,000.00; (2) to each of the persons holding the following titles, \$1,000.00 - Executive Vice President; Acting Provost and Acting Vice President for Academic Affairs; Vice President for Administrative Operations; Executive Assistant to the President and Secretary

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

2. Appropriations for University Administrative Officials (continued)

to the President's Cabinet; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Vice President for Regional Campuses and Dean of the University College and (3) an additional amount of \$3,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Eckley and approved by unanimous roll call vote.

3. Abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as Dormitory Facilities

The Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight International House were named in Section 1601 of the Dormitory Trust Agreement as "dormitory facilities" and have been operated jointly by the Office of Student Affairs and the Division of Business and Finance as student aid facilities and to provide for special needs of International Students.

As a result of the reorganization of the Residence Halls operation and since the program under which they are operated is not consistent with the use of dormitory facilities under the Trust Agreement, Mr. Hilliker, Vice Chairman of the Finance and Investment Committee, presented the following resolution:

RESOLUTION concerning the abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as dormitory facilities pursuant to Section 8.01 of the Original Trust Agreement dated as of April 15, 1957.

WHEREAS, on April 8, 1957, this Board of Trustees adopted the Original Bond Resolution pursuant to which a Trust Agreement dated as of April 15, 1957, between The Ohio State University and this Board and The Ohio National Bank of Columbus, as Trustee, has been entered into (herein called the Original Trust Agreement and, together with First through Fifth Supplemental Trust Agreements, called collectively the "Trust Agreement"), and under which Trust Agreement Dormitory Revenue Bonds, Series A through J, inclusive, of the University have been authorized and issued; and

September 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as Dormitory Facilities

WHEREAS, the buildings known as the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House are each one of the Dormitory Facilities defined in said Trust Agreement, and this Board has determined that it is for the best interest of the University that the use of said Hall and House as dormitory facilities be discontinued and that they be devoted to other uses of the University; and

WHEREAS, pursuant to Section 8.01 of the Original Trust Agreement authorizing the University to abandon the use of Dormitory Facilities for dormitory purposes upon there being furnished to the Trustee a certificate signed by the President and the Vice President and Business Manager of the University (now its Treasurer), approved by this Board, containing the information required under Section 6(b) of the Original Bond Resolution and showing that after such abandonment there would be one and three-tenths times net income coverage of the maximum principal and interest requirements of all Bonds outstanding which would be required by said Section 6(b); and such certificate having been signed by the said officers of the University and submitted to this Board and attached to this Resolution as Exhibit A (page 229) and made a part hereof;

NOW, THEREFORE, be it resolved by the Board of Trustees of The Ohio State University that:

Section 1. The certificate of the President and Treasurer of the University, attached hereto as Exhibit A, is hereby determined to be in compliance with Section 8.01 of the Trust Agreement and Section 6(b) of the Original Bond Resolution, and said certificate is hereby in all respects approved.

Section 2. The University shall and does hereby abandon and discontinue use of the buildings known as Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities pursuant to Section 8.01 of the Original Trust Agreement, effective as of September 7, 1971, and after said date said buildings shall not be deemed to be one of the Dormitory Facilities for the purposes of the Trust Agreement.

Section 3. The Secretary of the Board of Trustees is hereby directed to cause to be delivered to the Trustee, prior to September 7, 1971, a certified copy of this Resolution and the certificate attached hereto, and to obtain the receipt of the Trustee therefor.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the foregoing resolution was adopted by unanimous roll call vote.

EXHIBIT A

THE OHIO STATE UNIVERSITY

Certificate of the President and the Treasurer of The Ohio State University pursuant to Section 8.01 of Trust Agreement dated as of April 15, 1957 for purposes of permanently abandoning the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities.

We, the undersigned President and Treasurer (performing duties of the office formerly known as the Vice President and Business Manager) of The Ohio State University, do hereby certify as follows pursuant to Section 8.01 of the Trust Agreement, dated April 15, 1957, between The Ohio State University and its Board of Trustees and The Ohio National Bank of Columbus, as Trustee, and pursuant to Section 6(b) of the Bond Resolution set forth as part of said Trust Agreement, for the purposes of permanently abandoning the buildings known as Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities thereunder:

(A) That

1. Actual Net Income from all Dormitory Facilities of the University for the preceding fiscal year (July 1, 1970 to June 30, 1971), none of which are to be abandoned (except the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House and all of which are suitable for continuous use as Dormitory Facilities for the terms of the Series A through J Bonds issued and outstanding pursuant to the aforesaid Trust Agreement: \$2,438,926
  
2. Actual Net Income from the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House, for the preceding fiscal year (July 1, 1970 to June 30, 1971): 813
  
3. Actual Net Income, excluding net income from the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House for the preceding fiscal year (1. minus 2.): 2,438,113
  
4. Adjustment to 3. to reflect increased rates effective September 1, 1971 and to give recognition to anticipated changes in operating costs: 596,050

Certificate (continued)

5. Total actual Net Income from Dormitory Facilities, as adjusted (3. plus 4.) \$3,034,163
  
  6. Maximum amount to become due in any succeeding fiscal year (namely, the fiscal year ending June 30, 19 ) for the payment of principal and interest on all Bonds now outstanding (Series A through J, inclusive) 1,955,225
  
  7. Adjusted Net Income (5. above) is 1.55 times the maximum annual principal and interest requirement (6. above).
  
  8. The foregoing computations, to the extent they are estimates, are based on an assumed occupancy of not more than 95 percent of capacity of the Dormitory Facilities in question.
  
  9. There were not included in Net Income figures above any receipts against which there is any prior claim other than the use thereof for operating expenses included in computing Net Income.
  
  10. Since the beginning of the current fiscal year (July 1, 1971) there has been no material change which would affect the estimates set forth in the foregoing computations.
- (B) That the terms "Dormitory Facilities," "Net Income" and "Bonds" as used in this certificate have the same meanings given to such terms in the aforesaid Trust Agreement as supplemented.
- (C) That the University is not in default in the performance of any of the covenants provided in the aforesaid Bond Resolution, the Trust Agreement or any supplement thereto and is current in all payments required to be made thereunder.

President of The Ohio State University

Dated: September 2, 1971

Treasurer of The Ohio State University

September 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

4. Authorization to Sell and Acquire Securities

RESOLVED, that the two following officers, namely, the President and Treasurer, be and hereby are jointly authorized and empowered to sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities, corporate or otherwise, standing in the name of, or belonging to, this University in any capacity.

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated September 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, October 1, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

Page 232 Blank

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

Columbus, Ohio, October 1, 1971

The Board of Trustees met at its regular monthly meeting on Friday, October 1, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

REPORT BY CHAIRMAN

A. Meeting Place

Chairman Shocknessy stated that the Board meeting was being held in the Center for Tomorrow so as to accommodate a larger number of people who have indicated a desire to attend our meetings.

B. Meeting with Student Leaders

The Chairman stated that he recently had met with two of the elected student leaders--Mr. Friedman and Mr. Yapalater--and that Dr. Ted Robinson was also present at his request. He indicated that the meeting was a pleasant one, productive of understanding, and that he found Mr. Friedman and Mr. Yapalater reasonable and knowledgeable young men. He told them, however, at the conclusion of this meeting that he would not expect to meet with them thereafter, since there are administrators employed by the University who are charged with the responsibility of working directly with students and all other constituencies of the University on a day-to-day basis. Mr. Friedman and Mr. Yapalater agreed that they would proceed on this basis unless the channels of communication between students and the Administration broke down, whereupon they might return to Mr. Shocknessy.

Further, Mr. Shocknessy reported that he had the assurance of President Fawcett that there is no reason for the channels of communication to break down but if they do it is understood that the Board will always be ready to husband its responsibilities including meeting with student leaders when appropriate.

C. Requests to Speak

Mr. Shocknessy said that no requests had been made to appear before this meeting of the Board.

D. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

Mr. Ketterer, Chairman of the Presidential Search Committee, recently informed me that the Committee was making very satisfactory progress. The Committee members are in the process of reviewing credentials of a rather large number of prospects and expect to be able to fulfill the schedule which proposed that a list of five nominees be presented to this Board on December 15. I cannot say much more at this time since I have not in any respect injected myself, nor has any member of this Board injected himself into the affairs of the Search Committee. The Committee is perfectly free to exercise its best judgment in preparing the list of nominees for the Board's consideration. In turn, it is the Board's hope that it would be able to choose a

October 1, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

D. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

President from the list. If, however, there is no one on this list that the Board is able to agree upon, then the Board will be obliged to seek other nominations. The Board would hope, however, in this circumstance that it would not be seeking these nominations but that additional nominations would come from the Search Committee from which the President might be selected. I have been asked by some members of the Search Committee privately what the Board would do in the event that it was not able to appoint a person from the list provided by the Committee. I answered by saying that probably the Board would garner other names and request the Search Committee to examine any additional names that it or the Board might have at that time. I asked Mr. Ketterer when he submits the list of five nominations, not to consider the Search Committee dissolved, but rather that it should be available to the Board for whatever assistance might be required until this University has selected a President. And I would hope that a President will be selected by next spring.

- o -

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET

As you know, it remains impossible to submit a final budget for your approval because the General Assembly has not yet passed an appropriation bill, but perhaps I should take a minute or two to bring you up to date on the financial picture for the current biennium.

Even with the uncertainty about where we stand with regard to legislative appropriations, I am pleased to report we are in a 'go' position for the Fall Quarter. If the appropriation act provides a subsidy at the \$67,000,000 level approved by the House and used in our provisional budget and authorizes the Instructional Fees the Regents have already approved, I am confident that we can keep most of our commitments and continue the momentum we have developed in enhancing the quality of the total educational program at Ohio State.

The fee schedule we built into all alternative budget considerations beginning last spring has been approved by the Regents, is consistent with the best information we could get from the General Assembly and is permissible on advice of legal counsel through the Cost of Living Council. Moreover, the approved fees are absolutely essential if we are to have adequate support for our programs.

October 1, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

Interim legislative budgets have contained varying language concerning fees, but there is general agreement with Representative Kerns' statement that the language in interim budgets is not intended to invalidate the Regents' action in approving fee increases.

Recognizing the confusion surrounding fees, we have created a separate account for the increases in the unlikely event we should be required to make refunds.

In addition to encouraging an adequate level of State support there are two other important factors that should help us achieve our goals as one of the best comprehensive universities serving the State and the Nation.

First, the provision of the Regents Master Plan for Higher Education permits us to stabilize enrollments. At the close of business on September 28, the deadline for registration, without penalty, there were 45,760 students enrolled on the Columbus Campus, and an additional 4,064 students on the four Regional Campuses. With present facilities and resources this is an optimum enrollment. We have successfully responded to the pressures for growth in numbers over the past decade and now that there is a leveling off of enrollments we can turn our energies to enhancing the quality of our faculty, our curriculum, and all the programs and activities that constitute a great university and provide a first rate environment for learning.

The other key factor, in my judgment, is the level of federal and private support of the University. A broad indication of the importance of this support is the fact that last year the Development Fund raised more than \$10,000,000 from the private sector. The Research Foundation and the Engineering Experiment Station received about \$19,000,000 and the Business Office administered over \$29,000,000 from a variety of corporate and federal grants and contracts.

I take this support as evidence of the high regard others have for this University and I hope we can do at least as well or better in the year ahead.

The private support we are getting from individuals, corporations and foundations is especially encouraging because it represents an endorsement of what we are doing here and of our importance to society. This does not diminish the need for State support. Rather it supplements it and gives us the margin of excellence--that extra degree of flexibility that makes it possible to achieve the goal of quality.

Not too many years ago there was virtually no private support of public universities. The shift in attitude has, I think, resulted from our record

October 1, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

of accomplishment and the growing recognition that universities like Ohio State are meeting the educational needs of 75 percent of the Nation's students, conducting much of the country's best research and making many significant contributions to society through a variety of public service programs.

More important, our private support shows that many people have a deep desire to assist higher education. Our own alumni--those who know us best--are supporting Ohio State in record numbers. At the same time there has been a dramatic increase in the number of major donors. The Presidents Club, for example, has grown from a small band of loyal individuals to an organization of 695 people who have contributed or pledged more than \$16,000,000 in eight years since 1963.

Another evidence of increasing support by major donors has been the funding of six (6) endowed chairs and eleven (11) professorships over the past five years, bringing the total to eight (8) endowed chairs and some twenty-one (21) professorships.

And then there have been a few of those very special gifts such as the \$1,000,000 incentive grant from the Benedum Foundation to help us get started on a new center for recreation, physical education, and intramurals, which will require slightly more than \$5,000,000 from capital appropriations plus an additional \$4,000,000 from the private sector.

All of our friends seem to sense the potential we have for greater quality, for improving our ability to carry out our mission, and for responding to critical contemporary problems.

I hope we can continue to strengthen this tradition of private support. We are at a crossroads at the moment and any future course will require expanded sources of support and dedicated teamwork on the part of the taxpayers and private philanthropists.

The achievement of future goals will require the continuing leadership and support of this Board. I know you will give full measure. And I hope it gives you confidence to know that 1971-72 promises to be the best year yet in the distinguished history of The Ohio State University.

- o -

October 1, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of Trustee for the Pooled Income Fund

President Fawcett recommended that the appointment of Dean James R. McCoy, College of Administrative Science, be approved to fill the vacancy created by the resignation of Vice President Gordon B. Carson on the Board of Trustees for the Pooled Income Fund, effective for a period of one year-- October 1, 1971 through September 30, 1972.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and Board of Trustees, that the honorary degree-- Doctor of Humane Letters-- be conferred on William Jovanovich at the Autumn Quarter Commencement, December 17, 1971.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the September 2, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Changes in Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Changes in Responsibility

Robert W. Teater from Associate Dean of the College of Agriculture and Home Economics to Associate Dean of the College of Agriculture and Home Economics and Director of the School of Natural Resources (part time - 70%), and Professor (part time - 10%), in the Cooperative Extension Service, effective November 1, 1971, at a salary of \$22,120.00 per annum. He will continue to hold the academic rank of Professor in the Department of Agronomy at No Salary. Dr. Teater is employed at the Ohio Agricultural Research and Development Center as Chairman of the Department of Natural Resources and Professor in the Department of Agronomy (part time - 20%), at a salary of \$5,688.00 per annum.

October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Changes in Responsibility (continued)

Don E. Cook from Associate Director of Admissions to Coordinator of the Presidents Club in The Ohio State University Development Fund, effective October 15, 1971, at a salary of \$17,568.00 per annum.

Elaine Hayden Hairston from Assistant Project Supervisor in the College of Medicine to Associate Director of Affirmative Action Programs in the Office of Personnel Services, effective October 1, 1971, at a salary of \$15,528.00 per annum.

B. Appointment

Ralph R. Widner, Director, Academy for Contemporary Problems, effective November 1, 1971, at a salary of \$45,000.00 per annum. This is a joint appointment with Battelle Memorial Institute with the two institutions sharing the cost.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Roger A. Miller, Associate Professor (Extension Agricultural Engineer), effective October 1, 1971 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

Robert Lee Kirkbride, Instructor (Area Extension Agent, 4-H) Canfield Area Center, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at Youngstown State University.

D. Leaves of Absence Without Salary

Hugo Bekker, Professor, Department of German, effective October 1, 1971 through December 31, 1971, to be a Visiting Professor at the University of British Columbia, Vancouver, B. C., Canada.

October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Anthimos J. Christoforidis, Professor, Department of Radiology, effective October 1, 1971 through May 15, 1972, to serve as Visiting Professor and Consultant for the development of new curricula for medical students and post-M. D. students in the Department of Radiology at the Medical School of the University of Salonika, Greece.

Paul A. Colinvaux, Professor, Department of Zoology, effective October 1, 1971 through December 31, 1971, to serve as the Ecologist in Residence for the British Conservative Party; and effective April 1, 1972 through June 30, 1972, to be Visiting Professor of Quarternary Biology at the University of Washington.

John W. Sharp, Professor, Cooperative Extension Service, effective September 1, 1971 through September 15, 1971, to serve as an AID Special Consultant on Vietnam Grain Storage and Handling Study.

Halbert C. Smith, Jr., Professor, College of Administrative Science - Academic Faculty of Finance, effective October 1, 1971 through September 30, 1972, to be a Visiting Professor at the University of Florida during the academic year 1971-1972.

Mary E. Young, Professor, Department of History, effective October 1, 1971 through December 31, 1971, to conduct research.

Hao Chang, Associate Professor, Department of History, effective January 1, 1972 through March 31, 1972, to conduct research.

Hunter D. Hamlett, Adjunct Associate Professor, College of Education, effective July 1, 1971 through June 30, 1972, to fulfill previous professional commitments at Virginia State University.

Norman Rask, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective August 22, 1971 through September 18, 1971, to serve as a consultant for the Agency for International Development in Brazil.

October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Ting-Shu Wu, Associate Professor, Department of Engineering Mechanics, effective October 1, 1971 through September 30, 1972, for personal reasons.

Margaret E. Anderson, Instructor, University Libraries, effective October 1, 1971 through December 31, 1971, and February 1, 1972 through May 31, 1972, to fulfill residence requirements at Case Western Reserve University for her Ph. D. in Library Science.

Judith A. Graves, Instructor, School of Nursing, effective July 1, 1971 through September 30, 1971, for personal reasons.

E. Emeritus Title

Kathleen Scobie, School of Allied Medical Professions, with the title Professor Emeritus, effective September 1, 1971.

President Fawcett recommended that the Changes in Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(Period: August 11, 1971 - September 10, 1971)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	9	\$ 487,248.00
Industrial and Other Research	7	144,135.00
<u>Grants</u>		
Government Research - Federal	17	583,672.00
Industrial and Other Research	<u>4</u>	<u>107,136.00</u>
Totals	37	\$1,322,191.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as Project No. 2356 - Mod. #9 - Department of Medical Microbiology).  
Gross Value - \$124,250.00.
- b. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Project No. 2819 - Mod. #P00005 - Department of Electrical Engineering).  
Gross Value - \$30,500.00.
- c. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$100,000.00.
- d. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-B1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$9,985.00.
- e. AID, Mission to Venezuela, American Embassy, Caracas, Venezuela, New York, Venezuelan Human Resources Planning Project (to be known as Project No. 3096-A1 - Amend. #1 - College of Administrative Science, Center for Human Resource Research).  
Gross Value - \$55,645.00.
- f. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Research on Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise (to be known as Project No. 3189-A1 - Amend. #P00002 - Department of Otolaryngology).  
Gross Value - \$20,000.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- g. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C., Phase II - Verification of Fracture Mechanics Concepts to Predict Cracking of Flexible Pavements (to be known as Project No. 3200-A1 - Mod. #2 - Department of Civil Engineering).  
Gross Value - \$78,461.00.
- h. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Federal Health Program Service, Rockville, Maryland, Evaluation of the Impact of Community Emergency Medical Services Council (to be known as Project No. 3285-A1 - New - Department of Preventive Medicine).  
Gross Value - \$8,407.00.
- i. Department of Navy, Office of Naval Research, Arlington, Virginia, Separated Flows (to be known as Project No. 3308-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$60,000.00.

TOTAL - Government Research Contracts - Federal \$487,248.00

2. Industrial and Other Research Contracts

- a. General Industrial, Study of Dental Caries (to be known as Project No. 2065-B - Ext. #5 - College of Dentistry).  
Gross Value - \$63,594.00.
- b. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor Ltr. Dtd. 8/6/71 - College of Dentistry).  
Gross Value - \$35,096.00.
- c. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Robert Nerem (to be known as Project No. 3179-A1 - Purchase Order Dtd. 8/26/71 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$2,600.00.
- d. The Boeing Company, Wichita Division, Wichita, Kansas, Theoretical Evaluation of Surface Current and Charge Densities (to be known as Project No. 3301-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- e. A. Earl Cullum, Jr., and Associates, Consulting Engineers, Inwood Post Office, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - New - Department of Electrical Engineering). Gross Value - \$5,000.00.
- f. Ohio Advisory Council for Vocational Education, Worthington, Ohio, Allied Health Manpower Requirements in the State of Ohio (to be known as Project No. 3309-A1 - New - Department of Economics). Gross Value - \$8,045.00.
- g. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Self-Instructional Materials for Educational Project Management (to be known as Project No. 3312-A1 - New - College of Education). Gross Value - \$9,800.00.

TOTAL - Industrial and Other Research Contracts \$144,135.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Phytochemistry of Genus Thalictrum (to be known as Project No. 1497-H - Ext. #8 - College of Pharmacy). Gross Value - \$31,268.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Mesencephalic Receptive Fields (to be known as Project No. 1881-G - Ext. #7 - College of Optometry). Gross Value - \$24,250.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as Project No. 2085-F - Ext. #6 - Department of Pharmacology). Gross Value - \$44,711.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as Project No. 2090-F - Ext. #6 - Department of Physiological Chemistry). Gross Value - \$28,817.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as Project No. 2512-D - Ext. #4 - Department of Anatomy).  
Gross Value - \$24,262.00.
- f. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Sup. #5 - Department of Geodetic Science).  
Gross Value - \$84,275.00.
- g. National Science Foundation, Washington, D. C., Collaborative Research on Interpersonal Perception and Behavior Prediction (to be known as Project No. 2749 - Amend. #1 - Department of Psychology).  
Gross Value - \$74,800.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$23,899.00.
- i. National Science Foundation, Washington, D. C., Analysis of Plateau Micrometeorological Tower Data (to be known as Project No. 3029-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$42,300.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A2 - Ext. #1 - College of Pharmacy).  
Gross Value - \$19,084.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis (to be known as Project No. 3292-A1 - New - Department of Chemistry).  
Gross Value - \$37,243.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- l. Department of Interior, Office of Water Resources Research, Washington, D. C., Wash Out Processes in Lake System (to be known as Project No. 3302-A1 - New - Department of Microbiology).  
Gross Value - \$32,439.00.
- m. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as Project No. 3303-A1 - New - Department of Biochemistry).  
Gross Value - \$20,800.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Control of Differential Gene Action and Morphogenesis (to be known as Project No. 3307-A1 - New - Department of Biochemistry).  
Gross Value - \$23,960.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Control of the Hexose Monophosphate Shunt in Red Cells (to be known as Project No. 3310-A1 - New - Department of Medicine).  
Gross Value - \$17,564.00.
- p. National Science Foundation, Washington, D. C., The  $^{87}\text{Rb}$ - $^{87}\text{Sr}$  and  $^{40}\text{K}$ - $^{40}\text{Ca}$  Decay Schemes in K-Bearing Evaporite Rocks (to be known as Project No. 3311-A1 - New - Department of Geology).  
Gross Value - \$4,000.00.
- q. National Science Foundation, Washington, D. C., Chemistry of Bent Bonds (to be known as Project No. 3313-A1 - New - Department of Chemistry).  
Gross Value - \$50,000.00.

TOTAL - Government Research Grants - Federal \$583,672.00

4. Industrial and Other Research Grants

- a. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Project No. 2338-E - Sponsor Ltr. Dtd. 8/10/71 - Department of English).  
Gross Value - \$22,539.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- b. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Ralph Waldo Emerson Works (to be known as Project No. 2992-B - Sponsor Ltr. Dtd. 8/10/71 - Department of English).  
Gross Value - \$490.00.
- c. National Endowment for the Humanities, Washington, D. C., A Complete Vocabulary of the Works of Wace (to be known as Project No. 3304-A1 - New - Department of Romance Languages and Literature).  
Gross Value - \$24,107.00.
- d. Society of Automotive Engineers, Inc., New York, New York, A Study of Visual Requirements for Automotive Applications (to be known as Project No. 3306-A1 - New - Department of Industrial Engineering).  
Gross Value - \$60,000.00.

TOTAL - Industrial and Other Research Grants \$107,136.00

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

(Period: August 12, 1971 - September 13, 1971)

	No. of Projects	Gross Value
Government Research Contract	1	\$76,000.00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 328X      Use of Driver Display and Control Aids to Stabilize  
Ext. #3      and Improve Traffic Flow, Ohio Department of High-  
                 ways, Columbus, Ohio.  
                 Gross Value - \$76,000.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

C. Authorization to Execute Agreement Between The Ohio State University and the Allen County Technical Institute at Lima

On September 17, 1971, the Ohio Board of Regents granted a charter to the newly established Allen County Technical Institute and authorized the Board of Trustees of that Institute to assume full responsibility as provided under Section 3357.09 of the Ohio Revised Code which authorizes the establishment of a technical institute program in cooperation with state universities. With this action the University was relieved of the interim agreement authorized by action of this Board on July 2, 1971, to act as the agent for the purpose of making expenditures from funds made available by the Ohio Board of Regents in support of this program.

It was recommended that the President of this University be authorized to enter into an agreement on behalf of The Ohio State University and the newly chartered Allen County Technical Institute so as to provide this University with appropriate compensation for the use of its facilities and personnel in support of the technical education program at the Lima Regional Campus.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: August 1971)

Grants  
Office of Finance and Treasurer \$4,806,425.00

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	1,794	\$ 67,406.87
Individuals Other than Alumni	164	51,760.72
Business Concerns	31	60,250.00
Foundations and Nonprofit Organizations	<u>42</u>	<u>90,436.68</u>
Totals	2,031	\$ 269,854.27

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,911,435.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for National Defense Student Loan Program, for the period July 1, 1971 through June 30, 1972. (NIH Vendor No. 766505)
2. \$870,893.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for the College Work-Study Program, for the period January 1, 1971 through June 30, 1972. (NIH Grantee Account No. 766505)
3. \$420,885.00 additional grant by Agency for International Development, Department of State, Washington, D. C., for USAID/Brazil project in the College of Agriculture and Home Economics, for the period January 1, 1971 through December 31, 1971. (Contract No. AID/ea-161, Amendment No. 10)
4. \$373,024.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (I. D. No. 1 7 45 0430 15 1)
5. \$297,633.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (I. D. No. 2 7 45 0430 15 1)
6. \$264,346.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Veterinary Medicine, for the period July 1, 1971 through June 30, 1972. (I. D. No. 7 7 45 0430 15 1)
7. \$146,790.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I. D. No. B 7 45 0430 15 1)
8. \$99,373.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Optometry, for the period July 1, 1971 through June 30, 1972. (I. D. No. 4 7 45 0430 15 1)

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$97,321.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1971 through June 30, 1972. (Grant No. 44-P-25122/5-10)
10. \$63,328.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Design, Implement, Evaluate Curriculum Leading to B.S. in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1971 through July 31, 1972. (Grant No. 5 D10 NU 00319-04)
11. \$60,726.00 additional grant by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for "Educational Opportunity Grants Program," for the period July 1, 1971 through June 30, 1972. (NIH Vendor No. 766505)
12. \$60,415.00 granted by State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, to the University for "An Exemplary Model for Learning Disabled Students, Emphasizing Secondary Programs, Teacher Training and Assessment Techniques," under the direction of the College of Education, for the period June 22, 1971 through August 21, 1972. (Grant No. OEG-0-81-4438, Project No. 457140)
13. \$58,889.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (I. D. No. 5 7 45 0430 15 1)
14. \$32,437.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., to the University for "Law Enforcement Education Program (LEEP)," for the period July 1, 1971 through June 30, 1972. (Trans. No. 003090-2-72)
15. \$20,385.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neocortical and Subcortical Interactions," - Research Scientist Development - Type II Grant, under the direction of the Department of Psychology, for the period July 1, 1971 through August 31, 1972. (Grant No. 5 K02 MH12747-05)

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. \$15,703.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for Work Incentive Program, under the direction of the Division of Continuing Education, for the period August 1, 1971 through June 30, 1972. (Contract No. H5-8564-37-05)
17. \$12,842.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for "A Quantitative Analysis of Selected Heavy Toxic Metals in Ohio's Upland Wildlife," under the direction of the Department of Zoology, for the period September 1, 1971 through August 31, 1972. (Project No. W-103-R-15, Study VI, Job VI-a)

B. The Ohio State University Development Fund

1. \$32,850.00 from the Estate of Dorothy Dye Henry, Columbus, Ohio, for her endowed memorial fund in the College of Veterinary Medicine.
2. \$15,600.00 from The Ohio Lions Eye Research Foundation, Columbus, Ohio, for its research fund.
3. \$13,757.84 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
4. \$13,300.75 from The Ohio Nurserymen's Association, Inc., Columbus, Ohio, for research in landscape horticulture.
5. \$12,300.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
6. \$10,000.00 from the Estate of Josephine Margaret Pickering for the establishment of The Woodrow Charles Pickering Leukemia Research Fund.

The Woodrow Charles Pickering Leukemia Research Fund

The Woodrow Charles Pickering Leukemia Research Fund was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Medical Center from Josephine Margaret Pickering, 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 for research in leukemia as requested by members of the Faculty of the College of Medicine and as approved by the Dean of the College of Medicine. The principal may be invaded if necessary.

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

6. The Woodrow Charles Pickering Leukemia Research Fund (continued)

Should the need for research in leukemia cease to exist or so diminish as to provide unused income, or should the College of Medicine cease to exist, through any reorganization of the University, then the income may be used for any other medical research whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate faculty and administrative officials of the University who are then responsible for medical research.

7. \$8,400.00 from The International Nickel Company of Canada, Ltd., New York, New York, for its fellowship fund in Metallurgical Engineering.
8. \$6,500.00 from Hoffman-LaRoche, Inc., Nutley, New Jersey, for research in infectious diseases.
9. \$6,000.00 from Kappa Kappa Gamma Fraternity, Columbus, Ohio, to support a fellowship for rehabilitation in Physical Medicine.
10. \$5,500.00 from American Oil Foundation, Chicago, Illinois, for its fellowship fund in Chemistry.
11. \$5,000.00 from the Estate of Iride L. McCampbell, Fairfield, California, for the establishment of the Andrew Harold McCampbell Scholarship.

Andrew Harold McCampbell Scholarship

The Andrew Harold McCampbell Scholarship was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest from Iride Lelia McCampbell, formerly of Napa, California, in memory of Sara and Lee Perkins and her husband, Andrew Harold McCampbell.

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

The annual income from this Fund is to be awarded annually to a deserving student; the principal may be invaded if the student so selected is deserving of a larger amount than that represented by the annual income of the Fund.

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

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

11. Andrew Harold McCampbell Scholarship (continued)

being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.

12. \$5,000.00 from the family and friends of Carl R. Arnold for the establishment of the Carl R. (Cap) Arnold Agricultural Credit Fund.

Carl R. (Cap) Arnold Agricultural Credit Fund

The Carl R. (Cap) Arnold Agricultural Credit Fund was established October 1, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family and friends of Carl R. Arnold, B.Sc. Agr. '20, L.H.D., Hon. '63, a former faculty member, nationally acknowledged "Father" of the United States' Production Credit System and former Governor of the Farm Credit Administration.

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

The annual income is to be used to support the Arnold Agricultural Credit Library and its programs. Annual income may also be used to provide abstracting informational and materials service on agricultural finance, to support an Arnold Professorship or Endowed Chair in Agricultural Credit, to develop special studies and research projects in Agricultural Credit, and/or provide Arnold Scholarships, Fellowships, and Grants for training in Agricultural Credit. The use of the annual income is to be determined by the Chairman of the Department of Agricultural Economics with the approval of the Dean of the College of Agriculture and Home Economics. The principal may be invaded and used if necessary.

Should the need for these programs cease to exist or so diminish as to provide unused income, or should the above named department or college 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 of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in agricultural credit.

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. \$5,000.00 from Union Carbide Corporation, Marietta, Ohio, for its fund in Metallurgical Engineering.
14. \$4,000.00 from the Estate of Helen D. Brown for the establishment of the Helen D. Brown Scholarship.

Helen D. Brown Scholarship

The Helen D. Brown Scholarship was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through the Development Fund from Helen D. Brown, late of Warren, Ohio.

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

The annual income is to be used for scholarships for students in the School of Home Economics. First preference is to be given to freshmen women, who are members of the 4-H Club in Trumbull County at the time of their graduation and have completed four home economics projects in five different years. The scholarship is to be awarded by the University's Scholarship Committee upon the recommendation of the Scholarship Committee of the Ohio 4-H Club Foundation, the Trumbull County Agricultural and Home Economics Extension Staff, the 4-H Club Council, and the Trumbull County Superintendent of Schools. If such a student is selected, she is to be extended the scholarship for her sophomore year so long as she maintains proper academic standards. If there is no applicant or otherwise no one to fulfill the first preference expressed above, the annual income may be used for any woman enrolled in the School of Home Economics, for a one-year term.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the annual income may be used for any purpose whatsoever as determined by the Director of the School of Home Economics. Should the School of Home Economics 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 of the appropriate administrative official of the University who is then directly responsible for home economics education.

\*

\*

\*

October 1, 1971 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. State Health Laboratory, 382 West 10th Avenue - Demolition

This project involves the complete demolition of the entire building.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Natorium, 321 West 17th Avenue - Roof Repairs 1971

This project involves the removing and replacing of the roofing, coping, insulation, gutters, conductor pipe, flashing, counter-flashing, and tubes.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VI. REPORT OF AWARD OF CONTRACT

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

A. Medical Academic Area Lighting Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract (Rebid)</u> (5 bids received 9-10-71) Jess Howard Electric Co. (Columbus, Ohio)	\$26,947.00	\$30,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the above award of contract and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\* \* \*

VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth J. Arisman, Professor in the College of Education; Omar Leo Cunningham, County Extension Agent Emeritus in the Cooperative Extension Service; John Solomon Hare, Assistant Professor Emeritus in the Department of History; Russell W. Jones, Instructor Emeritus in the Department of Aviation; and Dick P. Snyder, Professor Emeritus in the College of Dentistry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Kenneth J. Arisman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 29, 1971, of Kenneth J. Arisman, Professor in the College of Education.

Professor Arisman was born in Boswell, Pennsylvania, on November 19, 1910. He received the B.S. degree from State Teachers College, Indiana, Pennsylvania, in 1932. His graduate work was done at Teachers College, Columbia University, where he received the M.A. degree in 1938; and at The Ohio State University, where he received the Ph. D. degree in 1946. Prior to coming to University School, The Ohio State University, as an Instructor, in 1942, Professor Arisman taught art in the public schools of Souderton and Hatfield, Pennsylvania, and Des Moines, Iowa.

Professor Arisman moved into the field of secondary education in the Department of Education, advancing through the academic ranks from Instructor to Professor, and later turned to administration in the Office of Instruction as Director of Off-Campus Education. He directed the study leading to the establishment and organization of branches at Marion and Newark, in the Autumn of 1957, Mansfield in 1958, Lima in 1960, and Lakewood in 1962. His basic research and planning supplied the University with data which were used in the further expansion of the branch program.

During his teaching and administrative career, Professor Arisman engaged in many and varied educational activities. He arranged and conducted numerous workshops in connection with child study programs, art education, secondary education, parent education, higher education, and general curriculum. He served as teacher and consultant at other universities in Ohio, Colorado, Iowa, Georgia, Texas, Louisiana, Arkansas, Maryland, Wisconsin, and Minnesota. As a writer, Professor Arisman contributed numerous articles to professional periodicals and co-authored a book in the field of secondary education. He served as Chairman of the Committee on Graduate Work in Education. He served on a number of campus bodies. He was a member of the Faculty Council for seven years, the Executive Committee of the Graduate School for five years, and The Ohio State University Athletic Board for six years and its Chairman from 1954 through 1956. He was a member of numerous professional organizations in the fields of secondary and higher education. At the close of his career, Professor Arisman returned to teaching and the contacts with graduate and undergraduate students in secondary education, contacts which he and the students found most rewarding.

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

A. Kenneth J. Arisman (continued)

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.

B. Omar Leo Cunningham

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 19, 1971, of Omar Leo Cunningham, County Extension Agent Emeritus, Montgomery County, Cooperative Extension Service.

Mr. Cunningham was born March 15, 1888, in Folsomdale, Kentucky. He was awarded a Bachelor of Science degree from Valparaiso University at Valparaiso, Indiana, in 1912; and a Master of Science degree from the University of Wisconsin in 1915. He also completed an additional year's graduate study at the University of Southern California.

Mr. Cunningham's career in the academic world began in 1915 when he joined the staff of Teachers College in Bowling Green, Kentucky, as Head of the Department of Agriculture. He left the College in 1918 for two years' service in the United States Army and then returned to his native state to become a County Extension Agent in Fulton County, Kentucky. In 1922 he resigned this position to begin more than a quarter century of service as a County Agricultural Agent in Montgomery County, Ohio. He retired in December, 1948.

Throughout his career as a faculty member of the Ohio Cooperative Extension Service, Mr. Cunningham enjoyed the respect and admiration of his fellow faculty members as well as the people he served in Montgomery County. During World War II he accepted many civic assignments beyond his regular duties. He was Chairman of the Victory Garden Council, the county-wide savings bond drive, the county rationing board, the farm labor committee, and of scrap and salvage drives. He also was a member of the county post-war planning committee, the Boy Scout Council, the Education Council of the Y. M. C. A., and the Rural Church Council.

On behalf of the University community, the Board of Trustees expresses to members of the Cunningham 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 an expression of the Board's realization of the loss which the family and the University have sustained.

VII. RESOLUTIONS IN MEMORIAM (continued)

C. John Solomon Hare

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 10, 1971, of Dr. John Solomon Hare, Assistant Professor Emeritus in the Department of History.

Dr. John Solomon Hare was born on a farm near Georgesville, Franklin County, Ohio, October 28, 1886. He received the B.S. degree from Ohio Northern University, Ada, Ohio, in 1908. He taught in a number of Ohio communities and by attending summer sessions received the A.B. degree from The Ohio State University in 1913. He then served as a Master at the well-known private school, Lake Forest Academy, Lake Forest, Illinois, from 1916 to 1918. Returning to Ohio he taught at East Technical High School, Cleveland, 1918-1919. Later he taught at Snyder Outdoor School for Boys, Lake Junaluska, North Carolina, 1919-1922, and at Grandview Heights High School, Columbus, Ohio, 1922-1930. In the meantime, he received the A.M. degree from Ohio State in 1925.

In 1930, he became an Instructor in American History at The Ohio State University, with a promotion to Assistant Professor in 1942. In 1933, he received the Ph.D. degree from The Ohio State University, his dissertation being a biography of a long-time United States Senator from Ohio, Allen G. Thurmen (1813-1895).

For many years he supervised the introductory courses in American History at Ohio State with a real spirit of dedication and careful attention to detail.

Dr. Hare was almost religiously devoted to his role as a teacher. As an advisor of youth, he was tireless in his sympathy and helpfulness for students. He was for many years faculty advisor at Ohio State for the local chapter of the history honorary fraternity, Phi Alpha Theta. He retired in 1957.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Hare its deep 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 humble expression of the Board's heartfelt sympathy in its bereavement.

D. Russell W. Jones

The Board of Trustees expresses its sorrow at the death on August 9, 1971, of Russell W. Jones, Instructor Emeritus in the Department of Aviation.

Mr. Jones was born in Spring Green, Wisconsin, on January 7, 1898. He attended the University of Wisconsin, from which he received a Ph. B. degree in English in 1926. Five years later, Mr. Jones began his aviation career by becoming a pilot in Coffeyville, Kansas. During World War II, his abilities and talents as a classroom instructor were realized in the training of many Naval aviators. Mr. Jones went on to become a commercial pilot and

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

D. Russell W. Jones (continued)

attained ratings in all phases of ground school instruction. In 1945, he joined the faculty of The Ohio State University as an Instructor in the then School of Aviation. Thousands of aviation students were guided by Mr. Jones in his career which ended with his retirement in 1968. He was a vital force in the growth of aviation education at the University.

Mr. Jones was a highly respected, dedicated member of the faculty; his lengthy period of service to the University and its students remain an inspiration.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and 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 of Mr. Jones as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Dick P. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 22, 1971, of Dick P. Snyder, Professor Emeritus in the College of Dentistry.

Professor Snyder was born on a farm near Summerfield, Ohio, on June 14, 1883. He received the D. D. S. degree from Starling Ohio Medical College in 1913. In 1914 he was appointed Instructor in the Operative Dentistry Clinic and in 1918 as Instructor in Exodontics and X-Ray. In 1928 he was appointed Assistant Professor of Dentistry and in 1932 as Professor of Clinical Dentistry. In 1970 he received the Distinguished Alumnus Award from the College of Dentistry.

Professor Snyder was a Diplomate of the American Board of Oral Surgery and recognized authority in that field. He was Chairman of the Department of Oral Surgery from 1932 until his retirement in 1953. During his active career he conducted a private practice in Oral Surgery which was continued after his retirement from the University until 1963. In this 50-year period he served as President of the Columbus Dental Society, the Ohio State Dental Association, and the Great Lakes Society of Oral Surgeons. He also served as the first Chairman of the College of Dentistry Post College Assembly.

In addition to his active participation in dental education and private practice of oral surgery, he was a Fellow of the American College of Dentists and held membership in the American Dental Association, the Great Lakes Society of Oral Surgeons, the American Society of Oral Surgeons, Omicron Kappa Upsilon Dental Honor Society, and Psi Omega Dental Fraternity.

Professor Snyder also found time for civic activities and other interests. He was a member of Rotary, the Presidents Club, and a charter member of University Lodge F. and A. M. He also had an interest in outdoor sports and flower gardening.

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

E. Dick P. Snyder (continued)

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.

\*

\*

\*

VIII. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman reported on behalf of the Board's Retirement and Insurance Committee that after making an in-depth examination of the University's insurance coverage and practices, the Committee recommended a comprehensive study of the University's total insurance program. Included in this study should be the general insurance program, consisting of property, casualty, and miscellaneous coverage; the student group insurance programs; the employee benefit insurance programs, consisting of life, accidental death, and major medical; and also a look at our general public liability coverage. It was further recommended that the firm of Alexander & Alexander of New York be appointed to conduct this study for a fee not to exceed \$12,500. Mr. Gushman indicated before making this recommendation that the Committee reviewed the present coverage and business practices associated with the University's insurance program and found that sound and totally acceptable business practices were being followed. However, because of recent technical changes and the additional exposures and risks, the Committee believes that a comprehensive evaluation would be most appropriate at this time.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the Board of Trustees accepted the foregoing report and approved the recommendation by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated October 1, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

October 1, 1971 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, November 5, 1971, at The Ohio State University, Columbus, Ohio, at 1:00 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

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

Columbus, Ohio, November 5, 1971

The Board of Trustees met at its regular monthly meeting on Friday, November 5, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and Howard D. Sirak.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that he had been advised by Mr. Ketterer that the Presidential Search Committee is making quite adequate progress and that a schedule has been established so as to assure the meeting of the December 15 deadline for the submission of the Committee's recommendations. Mr. Shocknessy took this occasion to read the statement which he made at the October Board meeting outlining the procedure the Board intended to use in selecting a president in an effort to eliminate any continuing misunderstanding of the Board's intention in this regard.

B. Request to Speak

One request to speak before the Board was granted but subsequently this request was withdrawn.

- o -

PRESIDENT'S REPORT ON NINE-MONTH FACULTY SALARIES

President Fawcett made the following report:

As we are all keenly aware, there is great uncertainty about Phase II of the Federal economic policies, and this uncertainty affects most directly the nine-month faculty whose salaries have been frozen since the beginning of the wage-price controls.

This week I wrote a letter to the University faculty, expressing my concern to those faculty members affected by the freeze. I gave my assurance also that I would continue to do everything possible to restore the salary increases for them approved by this Board. We have requested guidelines from the Cost-of-Living Council for granting those increases as soon as possible. Despite the uncertainties, however, in the Phase II economic controls and in the University budget, our highest priority remains the restoration of the promised salary increments to our nine-month faculty.

- o -

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building

Upon the recommendation of the Athletic Council, and with the concurrence of the President's Cabinet, President Fawcett recommended that the North Athletic Facility located at 2490 North Fyffe Road be named "Ernie Biggs Athletic Training Facility," in memory of Ernest R. Biggs, long-time Athletic Trainer at The Ohio State University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Honorary Degrees

President Fawcett recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals at an appropriate future Commencement mutually agreeable to the University and the recipients.

Aklilu Habte	Doctor of Humane Letters
Starke R. Hathaway	Doctor of Humane Letters
John A. Maurer	Doctor of Science
Edmund M. Spieker	Doctor of Science

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

\*

\*

\*

November 5, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the October 1, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, included the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

William E. Nelson, Jr., Acting Chairman of the Black Studies Division (part time - 60 percent) and Assistant Professor in the Department of Political Science (part time - 40 percent), effective immediately, at a salary of \$20,088.00 per annum.

Normalee B. Bugoci, Director in the Office of Personnel Services, effective October 1, 1971, at a salary of \$13,008.00 per annum.

B. Leaves of Absence Without Salary

J. Hayden Boyd, Associate Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a position as Staff Economist at the Program Analysis Division of Institute for Defense Analyses.

Jacob W. Old, Associate Professor, Department of Pathology, effective November 1, 1971 through June 30, 1972, for personal reasons.

Elmo Stewart Saunders, Instructor, University Libraries, effective October 1, 1971 through June 30, 1972, to pursue a doctoral program at Indiana University.

C. Emeritus Titles

Jack E. Hufford, Cooperative Extension Service, with the title Professor Emeritus, effective November 1, 1971.

Charles D. McGrew, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1971.

President Fawcett recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(Period: September 11, 1971 - October 15, 1971)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 529,013.00
Government Research - State	1	72,600.00
Industrial and Other Research	6	129,929.00
<u>Grants</u>		
Government Research - Federal	27	1,910,997.00
Industrial and Other Research	<u>15</u>	<u>106,613.00</u>
Totals	59	\$2,749,152.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Research on Stress-Corrosion Cracking of Metallic Materials (to be known as Project No. 2737 - Mod. #P00005 - Department of Metallurgical Engineering).  
Gross Value - \$62,610.00.
- b. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Parametric Devices (to be known as Project No. 2757 - Mod. #P00007 - Department of Electrical Engineering).  
Gross Value - \$59,959.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #5 - Department of Veterinary Pathology).  
Gross Value - \$110,851.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Voice Communication (to be known as Project No. 2928 - Amend. #3 - Department of Speech Communication).  
Gross Value - \$24,107.00.
- e. Department of Navy, Office of Naval Research, Arlington, Virginia, Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3006-A1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$32,652.00.
- f. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Computational Study of Turbulent Separated Flows (to be known as Project No. 3135-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$41,122.00.
- g. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #5 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$141,243.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. U. S. Department of Interior, Bureau of Mines (ARPA), Denver, Colorado, Stresses, Deformations and Progressive Failure of Non-Homogeneous Fissured Rock (to be known as Project No. 3177-A1 - Mod. #3 - Department of Civil Engineering).  
Gross Value - \$500,00.
- i. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$30,000.00.
- j. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Weightlessness on the Development of the Vestibular Apparatus and Ocular Nystagmus in the Rat (to be known as Project No. 3329-A1 - New - Department of Anatomy).  
Gross Value - \$25,969.00.

TOTAL - Government Research Contracts - Federal \$529,013.00

2. Government Research Contract - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Analysis of Emergency Medical Services - Columbus and All Franklin County Political Subdivisions (to be known as Project No. 3338-A1 - New - Department of Preventive Medicine).  
Gross Value - \$72,600.00.

3. Industrial and Other Research Contracts

- a. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3288-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$2,000.00.
- b. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3288-A1 - Amend. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$4,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- c. Coordinating Research Council, New York, New York, and Environmental Protection Agency, Durham Contracts Operation, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-A1 - New - Department of Preventive Medicine).  
Gross Value - \$45,555.00.
- d. Coordinating Research Council, New York, New York, and Environmental Protection Agency, Durham Contracts Operation, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-B1 - New - Engineering Experiment Station).  
Gross Value - \$59,900.00.
- e. The University of Wisconsin, Research Administration - Financial, Madison, Wisconsin, Subcontract Between the University of Wisconsin and The Ohio State University (to be known as Project No. 3335-A1 - New - Department of Psychology).  
Gross Value - \$11,304.00.
- f. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Self-Instructional Materials for Educational Project Management (to be known as Project No. 3337-A1 - New - College of Education).  
Gross Value - \$7,170.00.

TOTAL - Industrial and Other Contracts \$129,929.00

4. Government Research Grants - Federal

- a. 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 (to be known as Project No. 1196-2L - Ext. #11 - College of Medicine).  
Gross Value - \$278,064.00.
- b. 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 (to be known as Project No. 1196-3L - Ext. #11 - College of Medicine).  
Gross Value - \$172,724.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions and Homogeneous Catalysis (to be known as Project No. 1501-J - Ext. #9 - Department of Chemistry).  
Gross Value - \$68,833.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-H - Ext. #8 - Department of Chemistry).  
Gross Value - \$51,286.00.
- e. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Conditioning Stimulus Selection and Verbal Paradigms (to be known as Project No. 1779-G - Ext. #7 - Department of Psychology).  
Gross Value - \$49,037.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, An NMR Facility for Biomedical Research (to be known as Project No. 2439-D - Ext. #4 - College of Pharmacy).  
Gross Value - \$9,588.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as Project No. 2518-D - Ext. #4 - Department of Physiology).  
Gross Value - \$11,689.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as Project No. 2525-D - Ext. #4 - Department of Pathology).  
Gross Value - \$64,564.00.
- i. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crises (to be known as Project No. 2673-C - Ext. #3 - Department of Sociology).  
Gross Value - \$101,063.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- j. 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 (to be known as Project No. 2720-C - Ext. #3 - Department of Physiological Chemistry).  
Gross Value - \$25,622.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physician and Health Professions Education, Bethesda, Maryland, Computer-Assisted Independent Study: A Pilot Program (to be known as Project No. 2835-B - Sup. #1 - College of Medicine).  
Gross Value - \$339,206.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-B - Ext. #2 - School of Nursing).  
Gross Value - \$81,750.00.
- m. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3,2,1-Bicyclic Mechanism (to be known as Project No. 2933 - NSF Ltr. Dtd. 9/29/71 - Department of Chemistry).  
Gross Value - \$39,900.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Phospholipid Autoantibodies in Humans and Animals (to be known as Project No. 2942-B - Ext. #2 - Department of Medical Microbiology).  
Gross Value - \$30,551.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa - Normal and Experimental (to be known as Project No. 2949-B - Ext. #2 - Department of Otolaryngology).  
Gross Value - \$22,306.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, The Role of the Red Nucleus in Motor Function (to be known as Project No. 2956-B - Ext. #2 - Department of Anatomy).  
Gross Value - \$13,081.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Orthopaedic Importance of Chondromucoproteins (to be known as Project No. 2967-B - Ext. #2 - Department of Surgery).  
Gross Value - \$31,492.00.
- r. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #1 - Department of Electrical Engineering).  
Gross Value - \$245,500.00.
- s. National Science Foundation, Washington, D. C., Catalysis by Labile Metal Ions in Mixed Ligan Systems (to be known as Project No. 3101-A1 - Sponsor Ltr. Dtd. 9/17/71 - Department of Chemistry).  
Gross Value - \$38,400.00.
- t. Air Force Office of Scientific Research, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Sub-optimum Environments (to be known as Project No. 3183-A1 - Mod. #AFOSR-71-2048A - Department of Electrical Engineering).  
Gross Value - \$7,182.00.
- u. National Science Foundation, Washington, D. C., Improvements in Spectral Types and Luminosity Calibration of Late-Type Giants and Supergiants (to be known as Project No. 3328-A1 - New - Department of Astronomy).  
Gross Value - \$15,400.00.
- v. National Science Foundation, Washington, D. C., Design and Development of a Planning and Decision Information System (PDIS) in Puerto Rico (to be known as Project No. 3330-A1 - New - College of Social and Behavioral Sciences, Behavioral Sciences Laboratory).  
Gross Value - \$24,900.00.
- w. National Science Foundation, Washington, D. C., Fluid Mechanics Problems in Arterial Disease (to be known as Project No. 3331-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$75,700.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- x. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Mechanisms of Voluntary Action and Voluntary Attention (to be known as Project No. 3333-A1 - New - Department of Psychology).  
Gross Value - \$31,154.00.
- y. National Science Foundation, Washington, D. C., Stimulus Encoding in Human Learning and Retention (to be known as Project No. 3334-A1 - New - Department of Psychology).  
Gross Value - \$18,205.00.
- z. National Science Foundation, Washington, D. C., Optically Transparent Electrodes (to be known as Project No. 3339-A1 - New - Department of Chemistry).  
Gross Value - \$62,800.00.
- aa. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as Project No. 3341-A1 - New - Department of Veterinary Physiology).  
Gross Value - \$1,000.00.

TOTAL - Government Research Grants - Federal \$1,910,997.00

5. Industrial and Other Research Grants

- a. Central Ohio Heart Association, Inc., Columbus, Ohio, Serum Factors Affecting the Activation of Lipoprotein Lipase and Its Potential Relationship to Coronary Artery Diseases (to be known as Project No. 3314-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- b. Central Ohio Heart Association, Inc., Columbus, Ohio, Studies on the Genesis of Heart Sounds, Murmurs and Post-Stenotic Dilatation (to be known as Project No. 3315-A1 - New - Department of Veterinary Physiology).  
Gross Value - \$6,059.00.
- c. Central Ohio Heart Association, Inc., Columbus, Ohio, Hypoxia - An Anti-Deconditioning Factor (to be known as Project No. 3316-A1 - New - Department of Preventive Medicine).  
Gross Value - \$4,687.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- d. Central Ohio Heart Association, Inc., Columbus, Ohio, Study of Renin Physiology During Pregnancy (to be known as Project No. 3317-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- e. Central Ohio Heart Association, Inc., Columbus, Ohio, Human Macrophage Histocompatibility Systems (to be known as Project No. 3318-A1 - New - Department of Medicine).  
Gross Value - \$7,497.00.
- f. Central Ohio Heart Association, Inc., Columbus, Ohio, Coronary and Aortic Smooth Muscle Response to Amyl Nitrite (to be known as Project No. 3319-A1 - New - Department of Physiology).  
Gross Value - \$5,870.00.
- g. Central Ohio Heart Association, Inc., Columbus, Ohio, Relationship Between the Anti-Arrhythmic Effect of Diphenylhydantoin and Potassium and Their Effect on the Cardiac Na - K Activated ATPase (to be known as Project No. 3320-A1 - New - Department of Pharmacology).  
Gross Value - \$7,425.00.
- h. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Alterations in the Renal Circulation on Sodium Balance (to be known as Project No. 3321-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- k. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effect of Beta-Adrenergic Agents on the Performance and Metabolism of the Anoxic Heart (to be known as Project No. 3322-A1 - New - Department of Medicine).  
Gross Value - \$7,491.00.
- l. Central Ohio Heart Association, Inc., Columbus, Ohio, Myogenesis in Cardiac Hypertrophy (to be known as Project No. 3323-A1 - New - Department of Pathology).  
Gross Value - \$7,500.00.
- m. Central Ohio Heart Association, Inc., Columbus, Ohio, Mechanism of the Aortic Smooth Muscle Reflex (to be known as Project No. 3324-A1 - New - Department of Physiology).  
Gross Value - \$7,500.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- n. Central Ohio Heart Association, Inc., Columbus, Ohio, Enterohepatic Circulation of 3-H-Digitalis Glycosides (to be known as Project No. 3325-A1 - New - Department of Medicine).  
Gross Value - \$7,384.00.
- o. Central Ohio Heart Association, Inc., Columbus, Ohio, Renal Lymph and Starling Forces (to be known as Project No. 3326-A1 - New - Department of Physiology).  
Gross Value - \$7,500.00.
- p. Central Ohio Heart Association, Inc., Columbus, Ohio, The Role of Hypoxia in the Initiation of Cardiac Hypertrophy (to be known as Project No. 3327-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- q. Ohio Arts Council, Columbus, Ohio, ADIR (American Dance in Repertory) Residences in Ohio (to be known as Project No. 3336-A1 - New - College of The Arts, Division of Dance).  
Gross Value - \$7,700.00.

TOTAL - Industrial and Other Research Grants \$106,613.00

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: September 15, 1971 - October 14, 1971)

	No. of Projects	Gross Value
Government Research Contract	1	\$37,500.00
Industrial Research Contract	<u>1</u>	<u>36,000.00</u>
Totals	2	\$73,500.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 290X      Long Term Deformation in Clay, Ohio Department of  
Ext. #8      Highways, Columbus, Ohio.  
Gross Value - \$37,500.00.

2. Industrial Research Contract

EES 405X      Examination of Effluents Emanating from the Corona  
Discharges of High Voltage Transmission Lines,  
American Electric Power Service Corporation, New  
York, New York.  
Gross Value - \$36,000.00.

\*

\*

\*

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: September, 1971)

Grants  
Office of Finance and Treasurer \$1,507,254.00

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	2,230	\$ 342,202.52
Individuals Other than Alumni	173	71,729.10
Business Concerns	36	124,695.10
Foundations and Nonprofit Organizations	<u>38</u>	<u>134,204.73</u>
Totals	2,477	\$ 672,831.45

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include a specific listing of some of the many gifts received.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the acceptance of the grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$389,003.00 granted by Agency for International Development, Department of State, Washington, D. C., to the University for support and operation of the Punjab Agricultural University in India, through the College of Agriculture and Home Economics, for the period April 1, 1971 through March 31, 1972. (AID/nesa-147-11)
2. \$292,404.00 granted by The Ford Foundation, New York, New York, to the University for a program to prepare principals and other administrators for schools in urban neighborhoods, under the direction of the College of Education, for a period of twenty months beginning January 1, 1971. (Grant No. 690-0635A)
3. \$210,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of the "ERIC Clearinghouse on Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period September 1, 1971 through August 31, 1972. (Contract No. OEC-0-70-1214)
4. \$147,416.00 additional grant by Department of Health, Education and Welfare, Office of Education, Bureau of Libraries and Educational Technology, Washington, D. C., to the University for the operation of an "Institute for Training in Librarianship," under the direction of the University Libraries, for the period June 16, 1971 through July 31, 1972. (Grant No. OEG-0-71-8537)
5. \$94,347.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading," under the direction of the College of Education, for the period June 9, 1971 through December 31, 1972. (Grant No. OEG-0-70-2057)
6. \$89,952.00 granted by Department of Health, Education and Welfare, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Establishment of the Ohio Professional Health Manpower Outreach Training Program in Twenty-One Appalachian Counties," under the direction of the Department of Preventive Medicine, for the period October 1, 1971 through September 30, 1972. (Grant No. 05H000171 01 0)
7. \$89,951.00 granted by Department of Health, Education and Welfare, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Establishment of a Medical Student Clerkship Field Experience Program in Seven Counties of the Demonstration Health Area of Ohio," under the direction of the Department of Preventive Medicine, for the period October 1, 1971 through September 30, 1972. (Grant No. 05H000166 01 0)

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$49,750.00 granted by The Ford Foundation, New York, New York, to the University for further development of the College of Agricultural Engineering at Punjab Agricultural University, under the direction of the College of Agriculture and Home Economics, for a period of three years beginning August 1, 1971. (Grant No. 710-0467)
9. \$42,979.00 granted by National Science Foundation, Washington, D. C., to the University for "The 1972 Short Course in Models of Urban Spatial Ecology and Population for College Teachers," under the direction of the Department of Sociology. This grant terminates on September 30, 1972. (Grant No. GY-9397, Proposal No. 2/0190)
10. \$34,059.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Careers of Ohio - Operation MEDIHC, under the direction of the College of Medicine, for the period October 1, 1971 through September 30, 1972. (Contract No. NIH 72-4026)
11. \$27,000.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Field Service in Speech and Language Aphasics," under the direction of the Department of Speech Communication, for the period July 1, 1971 through June 30, 1972.
12. \$24,051.00 granted by ACTION, Procurement Division, Washington, D. C., to the University for "The Training of Interns for Service as Peace Corps Volunteers in India," under the direction of the College of Agriculture and Home Economics, for the period September 10, 1971 through June 30, 1972. (Contract No. 72-42009)
13. \$13,327.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Training Program in Rehabilitation Nursing," under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972.
14. \$3,015.00 granted by Department of Mental Hygiene and Correction, Adult Parole Authority, 427 Cleveland Avenue, Columbus, Ohio, to the University for a course of instruction for the Adult Parole Authority's probation/parole officers, under the direction of the College of Administrative Science, Division of Continuing Education, for the period August 1, 1971 through December 31, 1971.

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund

1. The trustees of The John A. Hartford Foundation, Inc., have approved a grant to the University in the amount and for the purpose as indicated below subject to formal acceptance by the Board of Trustees:

\$236,725.00 to The Ohio State University Development Fund for use by The Ohio State University College of Medicine for an investigation of the pharmacologic control of portal hypertension described in the University's grant application of July 21, 1971.

President Fawcett recommended therefore that the above-identified grant be accepted and administered in accordance with the conditions set forth in the grant agreement between The John A. Hartford Foundation, Inc., and The Ohio State University.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the acceptance of the above grant from The John A. Hartford Foundation, Inc.

2. \$185,266.81 in securities from anonymous donors to the Life Pooled Income Fund. The donors are husband and wife; they are joint beneficiaries of the income, with the survivor being the sole beneficiary. At their deaths the principal of the gift goes to the University's Permanent Endowment for "the advancement of medical science through The Ohio State University College of Medicine."
3. \$72,910.00 in securities from an anonymous donor to the Life Pooled Income Fund. The donor is the sole beneficiary of the income. At the death of the donor the principal of the gift is to go to the University's Permanent Endowment for the Joseph Leo Lorbach, Leo W. Lorbach and Irma Gehres Lorbach Memorial Fund to be used for scholarships.
4. \$39,413.68 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
5. \$29,005.00 from The John A. Hartford Foundation, Inc., New York, New York--\$26,499.00 for its research fund in the Department of Obstetrics and Gynecology and \$2,506.00 as an unrestricted gift to the College of Medicine.
6. \$23,100.00 from the Trust under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.
7. \$16,077.50 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for infectious disease research.
8. \$15,000.00 from the Estate of Dorothy D. Henry, Columbus, Ohio, for the College of Veterinary Medicine.

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

9. \$10,700.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.
10. \$10,050.00 from Bristol Laboratories, Syracuse, New York, for infectious disease research.
11. \$10,000.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for scholarships and unrestricted use by the College of Engineering.
12. \$10,000.00 from Parke, Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.
13. \$10,000.00 from G. D. Searle & Company, Chicago, Illinois, for its research fund in the Department of Obstetrics and Gynecology.
14. \$10,000.00 from Shell Companies Foundation, Inc., Houston, Texas--\$5,000.00 for its fellowship in mechanical engineering and \$5,000.00 for chemical engineering.
15. \$9,618.00 from Mrs. Leo W. Lorbach, Waverly, Ohio, for scholarships.
16. \$9,000.00 from Mansfield O.S.U. Scholarship Fund, Mansfield, Ohio, for Mansfield Campus scholarships.
17. \$8,966.00 from The Charles F. High Foundation, Bucyrus, Ohio, for its scholarship fund.
18. \$8,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$4,000.00 for its fellowship in chemistry, \$4,000.00 for its fellowship in chemical engineering, and \$500.00 for the College of Mathematics and Physical Sciences.
19. \$8,500.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
20. \$6,894.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
21. \$5,800.00 from Armco Foundation, Middletown, Ohio--\$5,000.00 for its professorship in metallurgy and \$800.00 as an unrestricted gift to the University.
22. \$5,000.00 from Orthopaedic Research and Education Foundation, Chicago, Illinois, for research under the direction of Dr. Paul Curtiss, Jr.

\*

\*

\*

November 5, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Administrative Operations to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Dodd Hall Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,702,785.00	\$1,804,067.63	\$101,282.63

The changes on this project resulted from delays in Federal authority to proceed, design changes, and the necessity to alter specifications because of conditions found during the process of construction.

Funds for these changes have been provided by Budget Account 016016 (Medical Complex State Funds), a transfer from Budget Account 801100 (Wiseman Hall), and from project contingency funds.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Optometry Building, 338 West Tenth Avenue--Air Condition (Old Part)

The purpose of this project is to provide air conditioned facilities for the year-round academic program. The existing air handling system will be modified to include a central air conditioning system.

Funds for this project have been provided by Budget Account 330026 (Public Health Service grant) and Budget Account 156400 (Optometry Clinic).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

November 5, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Lima Campus--Expansion and Improvement of Parking Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(Five bids received 10-5-71)		
L. M. Cavett Company (Lockland, Ohio)	\$163,515.62	\$207,694.77
<u>Electrical Contract</u>		
(Four bids received 10-5-71)		
Spartan Electric Company (Lima, Ohio)	<u>17,516.00</u>	<u>28,542.00</u>
<u>Total Contracts</u>	<u>\$181,031.62</u>	<u>\$236,236.77</u>

Funds for this project have been provided by Budget Account 921353 (Lima Parking Facilities) and Budget Account 149939 (Lima Campus General Reserve).

B. Sisson Hall, 1900 Coffey Road--Air Condition Animal Rooms 133 and 141

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(Seven bids received 10-6-71)		
J. A. Guy, Inc. (Dublin, Ohio)	\$ 19,700.00	\$ 29,700.00

Funds for this project have been provided from Budget Account 801212 (Sisson Hall Remodeling).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VIII. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Hugh Gibson Beatty, Professor Emeritus in the Department of Otolaryngology. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

VIII. RESOLUTION IN MEMORIAM

A. Hugh Gibson Beatty

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 31, 1971, of Hugh Gibson Beatty, M. D., Professor Emeritus in the Department of Otolaryngology.

Dr. Beatty was born at Jasper Mills in Fayette County on September 12, 1880. He was graduated from The Ohio State University where he earned a Bachelor of Science degree in 1904. He received the Doctor of Medicine degree in 1910 from the Starling-Ohio Medical College. From 1910 to 1911, he served as an intern at Mount Carmel Hospital in Columbus after which he took postgraduate study in New York, Vienna, and Berlin.

Dr. Beatty began his practice in otolaryngology in Columbus in 1913. He was instrumental in founding speech and surgical clinics at St. Francis, University, and Mount Carmel Hospitals between 1915 and 1920. From 1929 to 1948, he was Chairman of the Department of Otolaryngology at The Ohio State University.

Dr. Beatty was a founding member of the Columbus Eye, Ear, Nose, and Throat Society and the American Board of Plastic Surgery. His medical memberships included Columbus Academy of Medicine, Ohio State Medical Association, American College of Surgeons, International College of Surgeons, and numerous other professional organizations.

Dr. Beatty was a charter member of the Scioto Country Club, Columbus Club, University Club, and Columbus Athletic Club.

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

\*

\*

\*

IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held September 17, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on September 17, 1971:

That the request for approval of a new degree proposed by The Ohio State University for awarding of the Doctor of Arts in Russian Language and Literature was approved.

November 5, 1971 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 5, 1971, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1971, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Distribution of Annual Financial Reports 1970-1971

Executive Director Leggett distributed and commented briefly on the Financial Report of The Ohio State University and the Financial Report of Endowment Funds. These reports were prepared for the fiscal year ended June 30, 1971. A copy of each report was filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, December 3, 1971, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

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

Columbus, Ohio, December 3, 1971

The Board of Trustees met at its regular monthly meeting on Friday, December 3, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, Robert S. Dorsey, and Howard D. Sirak.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

December 3, 1971 meeting, Board of Trustees

GUEST SPEAKER

Mr. Jeffrey Yapalater, Vice President of the Undergraduate Student Government, requested and was granted permission to address the Board on the subject of the Presidential Referendum currently being conducted by the Undergraduate Student Government.

At the conclusion of Mr. Yapalater's remarks the Chair stated that the question raised by Mr. Yapalater concerning governance of the University should more appropriately be directed to the General Assembly of the State. The Chair then directed the Secretary to request that the Presidential Search Committee through its Chairman receive the nomination of the Undergraduate Student Government and give this nomination the same consideration and treat it with the same dignity as all other nominations made to the Search Committee.

REPORT BY CHAIRMAN

Mr. Shocknessy reported that based upon conversations with Mr. Ketterer he is fully satisfied that the Presidential Search Committee is in full command of its affairs. He further gave his assurance that the Board will give its profoundest consideration to the nominees presented to it by the Search Committee. In conclusion Mr. Shocknessy stated that the Board was most pleased by the great prudence and enormous industry displayed by the Committee, as well as the manner in which it had preserved the integrity of its business.

- o -

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Agricultural Technical Institute, Wooster

The legislation authorizing schools meeting specified standards to award associate degrees, as approved by the Ohio Board of Regents, was provided for in Section 333.10 of the Revised Code by the 106th Ohio General Assembly and amended by the 108th Ohio General Assembly to stipulate that "effective July 1, 1971, all public post high school technical education programs shall be operated by technical institutes, community colleges, university branches, state colleges, state affiliated universities and state universities . . ."

The Ohio Board of Regents' "Master Plan for State Policy in Higher Education" provides for the establishment of academic programs leading to the development of two-year programs in various technologies. In line with this Master Plan and the above legislation The Ohio State University requests authority upon the recommendation of the Council on Academic Affairs and the Faculty Council for the establishment of an Agricultural Technical Institute. The Institute is to be located in Wooster, Ohio, on Ohio Agricultural Research and Development Center land.

President Fawcett recommended that the Agricultural Technical Institute, Wooster, be established to become operational with Autumn Quarter, 1972.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty

In accordance with Article IX of the By-Laws of the Board of Trustees, President Fawcett recommended that the amendments to By-Laws of the Board of Trustees and Rules for the University Faculty as shown in Appendix III, page 319, to effect the administrative reorganization adopted by the Board of Trustees at the July 30 meeting be approved.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the By-Laws of the Board of Trustees and Rules for the University Faculty.

December 3, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 17, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IV, page 337.)

Upon motion of Mr. Hilliker, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the November 5, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibility

Vernon L. Tharp from Professor in and Acting Chairman of the Department of Veterinary Clinical Sciences and Director of Veterinary Clinics, to Associate Dean of the College of Veterinary Medicine, effective January 1, 1972, at a salary of \$30,012.00 per annum. Dr. Tharp will continue to hold the academic title of Professor in the Department of Veterinary Clinical Sciences at No Salary.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Beverly A. Koenig, Instructor (County Extension Agent, Home Economics) Henry County, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at Michigan State University.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at The Ohio State University.

December 3, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

William A. Stephen, Professor (Extension Specialist, Apiculture), Cooperative Extension Service, and Professor, Department of Entomology, effective November 22, 1971 through December 16, 1971, to serve as a Consultant - National Council of Churches in Greece.

Alvia Bozeman, Associate Professor, College of Education, effective January 1, 1972 through March 31, 1972, for personal reasons.

Mary E. Fontana, Assistant Professor, Department of Medicine, effective November 1, 1971 through January 31, 1972, for personal reasons.

Essa G. Hannoush, Instructor, Department of Radiology, effective October 1, 1971 through June 30, 1972, for personal reasons.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, Cooperative Extension Service, effective April 1, 1972 through June 30, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Helen E. Dean, University Libraries, with the title Professor Emeritus, effective December 1, 1971.

H. Campbell Haynie, Department of Medicine, with the title Professor Emeritus, effective November 1, 1971.

Margaret Oldfather, University Libraries, with the title Professor Emeritus, effective November 1, 1971.

President Fawcett recommended that the Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(October 16, 1971 - November 12, 1971)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	7	\$290,749.78
Industrial and Other Research	4	52,998.33
<u>Grants</u>		
Government Research - Federal	11	386,695.00
Industrial and Other Research	<u>12</u>	<u>93,570.00</u>
Totals	34	\$824,013.11

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #26 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$140,880.00.
- b. Department of Air Force, Air Force Systems Command, 4950th Test Wing (Technical), Wright Patterson Air Force Base, Ohio, Antennas with Solid State Circuitry (to be known as Project No. 2744 - Mod. #P00006 - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Medlars Center (to be known as Project No. 2943 - Mod. #6 - College of Medicine).  
Gross Value - \$49,687.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Infrared Spectra (to be known as Project No. 2957 - Mod. #2 - Department of Physics).  
Gross Value - \$179.81.
- e. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Work Schedule - AFIT - School of Systems and Logistics (to be known as Project No. 3045-A1 - Mod. #M03 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$998.97.
- f. Department of Navy, Office of Naval Research, Arlington, Virginia, Defense Termination Settlement and Negotiation Course (to be known as Project No. 3150-A1 - Mod. #2 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$30,632.00.
- g. Department of Transportation, Federal Highway Administration, Contracts and Procurement, Washington, D. C., Feasibility Study and Preliminary Design of a System for Rapid Evaluation of Rational Pavement (to be known as Project No. 3347-A1 - New - Engineering Experiment Station).  
Gross Value - \$48,372.00.

TOTAL - Government Research Contracts - Federal \$290,749.78

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor Ltr. Dtd. 10/16/70 - College of Dentistry).  
Gross Value - \$4,182.33
- b. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials (to be known as Project No. 2918 - Sup. #3 - Department of Welding Engineering).  
Gross Value - \$35,900.00.
- c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #3 - Department of Pharmacology).  
Gross Value - \$4,139.00.
- d. Ohio Contractors Association, Columbus, Ohio, Job Order System for Highway-Heavy Contractors (to be known as Project No. 3342-A1 - New - College of Administrative Science, Accounting).  
Gross Value - \$8,777.00.

TOTAL - Industrial and Other Research Contracts \$52,998.33

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as Project No. 702-P - Ext. #15 - Department of Entomology).  
Gross Value - \$25,929.00.
- b. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as Project No. 2732 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- c. National Science Foundation, Washington, D. C., Software and Hardware Requirements for Real-Time Film Animation (to be known as Project No. 2801 - Amend. #1 - College of The Arts, Division of Art).  
Gross Value - \$159,200.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- d. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #3 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathology of Myocardial Hypertrophy (to be known as Project No. 2944-B - Ext. #2 - Department of Pathology).  
Gross Value - \$20,039.00.
- f. 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 (to be known as Project No. 2962-B - Ext. #2 - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$35,073.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #3 - Department of Electrical Engineering).  
Gross Value - \$30,000.00
- h. National Science Foundation, Washington, D. C., Systematics and Phytogeography of Vascular Plants of the South Polar Regions (to be known as Project No. 3128-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$20,200.00.
- i. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Development of Computer Programs for the Analysis of Spacecraft Antennas (to be known as Project No. 3348-A1 - New - Department of Electrical Engineering).  
Gross Value - \$14,000.00.
- j. National Science Foundation, Washington, D. C., Linguistic Units and Boundaries (to be known as Project No. 3349-A1 - New - Department of Linguistics).  
Gross Value - \$24,300.00.

December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Potentially Therapeutically Useful NAD Antagonists (to be known as Project No. 3351-A1 - New - Department of Chemistry).  
Gross Value - \$21,954.00.

TOTAL - Government Research Grants - Federal \$386,695.00

4. Industrial and Other Research Grants

- a. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Dietary Sucrose and Lipid Metabolism (to be known as Project No. 3102-A2 - Sponsor Ltr. Dtd. 10/27/71 - Department of Food Science and Nutrition).  
Gross Value - \$6,762.00.
- b. Damon Runyon Memorial Fund for Cancer Research, Inc., New York, New York, Release of Virus-Induced Tumor Specific Transplantation Antigen(s) from Corresponding Transformed or Tumor Cells (to be known as Project No. 3340-A1 - New - Department of Veterinary Pathology).  
Gross Value - \$18,000.00.
- c. Central Ohio Heart Association, Inc., Columbus, Ohio, Mathematical Characterization of Heart Sounds in the Dog and Horse (to be known as Project No. 3343-A1 - New - Department of Veterinary Physiology).  
Gross Value - \$5,355.00.
- d. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Myocardial Fine Structure Changes Due to Action of Cardiac Glycosides (to be known as Project No. 3344-A1 - New - Department of Pharmacology).  
Gross Value - \$7,445.00.
- e. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Mechanism(s) of Augmented Glycoside Actions on Mammalian Hearts (to be known as Project No. 3345-A1 - New - Department of Pharmacology).  
Gross Value - \$7,140.00.
- f. Damon Runyon Memorial Fund for Cancer Research, Inc., New York, New York, Control of Cellular Proliferation (to be known as Project No. 3346-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$11,000.00.

December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- g. Research Corporation, New York, New York, Unique Biosynthetic Uses for Mevalonic Acid (to be known as Project No. 3350-A1 - New - Department of Chemistry).  
Gross Value - \$5,000.00.
- h. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Preservation of Myocardial Function During Ischemia and Anoxia (to be known as Project No. 3352-A1 - New - Department of Surgery).  
Gross Value - \$7,193.00.
- i. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Chromium and Coronary Artery Disease (to be known as Project No. 3353-A1 - New - Department of Pathology).  
Gross Value - \$7,497.00.
- j. Central Ohio Heart Association, Inc., Columbus, Ohio, Blood Flow and Vascular Resistance in the Distended Gastro-Intestinal Tract (to be known as Project No. 3354-A1 - New - Department of Physiology).  
Gross Value - \$5,728.00.
- k. Central Ohio Heart Association, Inc., Columbus, Ohio, Immunohistochemistry of Myocardial Enzymes (to be known as Project No. 3355-A1 - New - Department of Pathology).  
Gross Value - \$7,500.00.
- l. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Feasibility of in vivo Synchronization and Increasing the Growth Fraction of Slow Growing Tumors Prior to Chemotherapy (to be known as Project No. 3356-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$4,950.00.

TOTAL - Industrial and Other Research Grants \$93,570.00



December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: October, 1971)

Grants  
Office of Finance and Treasurer \$1,871,958.00

Gifts  
The Ohio State University Development Fund

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,258	\$ 52,746.35
Individuals Other than Alumni	1,054	20,351.25
Business Concerns	40	96,048.82
Foundations and Nonprofit Organizations	<u>36</u>	<u>52,976.33</u>
Totals	3,388	\$ 222,122.75

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,700,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "A Comprehensive Career Education Model," under the direction of the Center for Vocational and Technical Education, for the period October 1, 1971 through June 30, 1972. (Grant No. OEG-3-7-000158-2037)
2. \$42,041.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I. D. No. B 7 45 0430 15 1)
3. \$30,483.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Biosynthesis of Neurohypophyseal Hormones," for a Development Award - Research Career Program, under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 AM11519-04)
4. \$30,305.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for training services for employees of the Ohio Bureau of Employment Services (fifteen new entry and thirty upgrade trainees), under the direction of the Division of Continuing Education, for the period September 1, 1971 through August 31, 1972. (Contract No. NCES 1039)
5. \$24,786.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SM on Phi X-DNA Replication," for a Development Award - Research Career Program, under the direction of the Department of Medical Microbiology, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 K03 AI05714-05)
6. \$18,550.00 granted by U. S. Department of Labor, Manpower Administration, Office of National Projects, Washington, D. C., to the University for a fellowship in manpower and computer technology, under the direction of the Department of Computer and Information Science, for the period October 1, 1971 through September 30, 1973. (Grant No. 98-39-72-001)

December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. \$15,000.00 granted by Agency for International Development, Department of State, Washington, D. C., for tuition for Human Resource Training Institute, under the direction of the College of Administrative Science, Division of Research (Center for Human Resource Research). (Contract No. AID/cds/410)
8. \$6,293.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I. D. No. G 7 45 0430 15 1)
9. \$4,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Adolescent's World - Tune In and Turn On - Training Grant," under the direction of the School of Nursing, for the period October 18, 1971 through October 20, 1971. (Grant No. 1 A06 AH 05034-01)

B. The Ohio State University Development Fund

1. \$31,500.00 from the Eastman Kodak Company, Rochester, New York--\$16,500.00 as an unrestricted gift to the University, \$10,000.00 for its research fund in Chemistry, and \$5,000.00 for its fellowship in Chemical Engineering.
2. \$20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for its Professorship in Chemical Engineering.
3. \$13,000.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
4. \$10,000.00 from General Electric Foundation, Bridgeport, Connecticut--\$5,000.00 for its research fund in Industrial Engineering and \$5,000.00 to assist Ph. D. programs leading to the development of future faculty in Accounting.
5. \$8,000.00 from National/Ohio 4-H Foundation Campaign for the 4-H Foundation Fund.
6. \$7,500.00 from Suburban Motor Freight, Inc., Columbus, Ohio, for the James Riley Professorship of Marketing and Logistics.
7. \$7,000.00 from E. F. Wildermuth Foundation, Columbus, Ohio, for its named scholarship and loan fund.
8. \$5,650.00 from G. D. Searle & Company, Chicago, Illinois, for research in gastrointestinal cancer.
9. \$5,000.00 from the Estate of Carl G. Ungericht, Columbus, Ohio, for a loan fund for students in the College of Pharmacy.

December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

10. \$2,500.00 from Mr. and Mrs. Alfred C. Le Feber for the establishment of the Susan Baird Le Feber Memorial Fund.

Susan Baird Le Feber Memorial Fund

The Susan Baird Le Feber Memorial Fund was established December 3, 1971, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Mr. Alfred C. Le Feber, B.A. '40, J.D. '50, and Janet Spears (Mrs. Alfred C.) Le Feber, B.Sc.Soc. Adm. '43, Geneva, Illinois, in memory of their daughter.

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

Income is to be used for approved programs and activities of the College of Law as selected and determined by the Dean of the College of Law.

In the event the College of Law, as it now exists, shall be altered in any reorganization of the University, then the administrative official of the University directly responsible for legal education shall direct the use of this fund in accordance with the above provisions.

11. \$1,000.00 from Alden R. Winter for the establishment of the Alden R. Winter Poultry Research Fund.

Alden R. Winter Poultry Research Fund

The Alden R. Winter Poultry Research Fund was established December 3, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Alden R. Winter, M.S. '21, Ph.D. '29, Columbus, Ohio.

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

The annual income is to be used to support a graduate student research assistantship in Poultry Science.

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 Poultry Science.

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Buckeye Village--Modernization of Electrical Systems in Phase One Buildings

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 29,205.00	\$ 58,404.00	\$29,199.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 998295 (Dormitory Contingency Fund).

B. Derby Hall--Improvements for Political Science Department

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 35,497.00	\$ 36,040.00	\$ 543.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 801231 (Derby Hall Alterations) and House Bill 531, Item 315-074 (Utilities and Renovations).

C. Lima Technical Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$822,665.00	\$825,370.97	\$ 2,705.97

This cost increase resulted from adoption of more stringent flamespread and smoke ratings on carpet specifications, building identification letters, and a request by the fire chief to relocate two fire hydrants.

Funds for this project have been provided by Budget Account 801132 (Lima Technical Education Laboratory).

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

D. Orton Hall--Exterior Restoration and Waterproofing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 28,778.00	\$ 38,078.00	\$ 9,300.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 124358 (Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Arps Parking Ramp, Waterproofing Top Floor Levels

This project involves the cleaning, sandblasting, and preparation of approximately 45,500 sq. ft. of concrete decks and the application of a vehicular membrane waterproofing.

Funds for this project have been provided from Budget Account 801250 (Arps Ramp Sealing).

B. Neil Hall, Air Conditioning and Improvements

This project involves changing the utilization from Dormitory to Apartments, including air conditioning, minor remodeling, installing kitchen units, and electrical wiring.

Funds for this project have been provided from Budget Account 920600 (Dormitory Revenue Account).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

December 3, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACT

A. State Health Laboratory - Demolition - 382 West 10th Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (1 bid received 11-22-71) B & B Wrecking Company (Cleveland, Ohio)	\$8,700.00	\$15,200.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the above award of contract and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Authorization to Purchase Land and Services from Nationwide Communications, Inc.

The 108th Ohio General Assembly authorized through House Bill 531 the further development of educational television transmitting facilities. To implement the development of specific facilities authorized through this action, President Fawcett recommended that the President and/or Vice President for Administrative Operations be authorized to purchase a 45.815 acre site in Genoa Township, Delaware County, for the sum of \$100,793 through the University Investment Portfolio funds and to recompense Nationwide Communications, Inc., the additional sum of \$52,500 from Federal funds for the out-of-pocket expenses which were advanced by this Corporation associated with the selection, acquisition, obtaining of Federal clearances, and development of this site.

Funds for the construction of the 1,000 foot television tower have been made available from grants from the Ohio Educational Television Network Commission and from the Department of Health, Education, and Welfare.

This recommendation supersedes the recommendation of December 4, 1970.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Acquisition of Property - 3371 Granville Road,  
Worthington, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, President Fawcett recommended that the back approximately 30-acre portion of a farm located at 3371 West Granville Road, Worthington, Ohio, be purchased from Adah Prushing et al with University Investment Portfolio funds.

This purchase is proposed to be made in three payments with the first payment to be made not later than December 30, 1971, and the other two payments to be paid on February 1 of each year thereafter until fully paid.

It was recommended further that the President and/or the Treasurer be authorized to execute the agreement to purchase the property as described above and the promissory note setting forth the terms of the installment purchase.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

Columbia Gas of Ohio, Inc., has requested permission to construct a four-inch gas line across University property, commencing on Case Road west of the Aeronautical and Astronautical Research Laboratory, proceeding westward to the intersection of Sawmill Road.

The construction of this gas line will provide gas service to the University's Animal Science Center currently being constructed in the Don Scott Field area.

President Fawcett recommended that an easement necessary for the installation of the gas line be granted to Columbia Gas of Ohio, Inc., and that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University in executing the necessary legal instruments to provide for the easement and to request the Director of Public Works pursuant to his statutory duties to develop the necessary legal instruments to provide for the gas line easement.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

D. Telephone Line Easement, Don Scott Field,  
Ohio Bell Telephone Company

The Ohio Bell Telephone Company has requested an easement on State of Ohio lands to provide additional telephone service for the Department of Aviation and to the new FAA control tower.

The Ohio Bell Telephone Company has agreed to provide this additional service and convert its present pole-mounted telephone lines to an underground system.

President Fawcett recommended that an easement be granted to the Ohio Bell Telephone Company, giving permission to install an underground telephone line system at Don Scott Field, and that the President and/or the Vice President for Administrative Operations be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the underground telephone system.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the foregoing recommendation was approved with six affirmative votes and Mr. Eckley abstained from voting.

E. Demolition of Horticulture and Forestry Greenhouses,  
Numbers 1, 2, 3, 4, 5, and 14, 1827 Neil Avenue

Upon the request of the Vice President for Administrative Operations, President Fawcett recommended that the Horticulture and Forestry Greenhouses, Numbers 1, 2, 3, 4, 5, and 14, located at 1827 Neil Avenue, be demolished as soon as practical to clear the site for future development of the area in accordance with the Master Plan of the University.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Administrative Operations at a cost not to exceed \$6,500. Funds are available in Budget Account 124358 (Contract Repair).

Upon motion of Mr. Eckley, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Weikko Alexanteri Heiskanen, Professor Emeritus in the Department of Geodetic Science. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

December 3, 1971 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Weikko Alexanteri Heiskanen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 23, 1971, of Weikko Alexanteri Heiskanen, Professor Emeritus in the Department of Geodetic Science.

Dr. Heiskanen was born in Finland on July 2, 1895. He was graduated from the University of Helsinki with a "primus" Master of Science and "ultimus" Ph.D. in 1924.

The first seven years after graduation Dr. Heiskanen was employed as a State Geodesist and the following twenty-one years he served as a Professor in Geodesy at Finland's Institute of Technology. In 1949 he was appointed as the Director of the Finnish Geodetic Institute by the President of Finland. In this capacity he served for twelve years of which the last ten were shared between the Institute and The Ohio State University. Dr. Heiskanen came to Ohio State as a Visiting Professor in 1950 and was appointed a Professor in 1951 from which position he retired in 1965. During his stay here, he also served as Director of the Institute of Geodesy, Photogrammetry and Cartography. This Institute was actually born because of his presence here and was the forerunner of the Department of Geodetic Science. Dr. Heiskanen's contribution to education and research in geodetic science at The Ohio State University was outstanding. During his stay he also supervised several large research projects sponsored predominately by the Armed Forces.

Dr. Heiskanen served as President of one cultural and three scientific societies in Finland. He was also Vice President of the International Union of Geodesy and Geophysics and President of the Physical Geodesy Section of the International Association of Geodesy. He served as a member of the Finnish Parliament between the years 1933-1936.

Dr. Heiskanen wrote eleven textbooks--some in Finnish, some in English, and one in German. He contributed to seven different encyclopaedias. He wrote altogether approximately 3,600 pages of text and handbooks and about 4,200 pages of other scientific writings. He also made considerable contributions to religious literature. His latest writing in this field was entitled, "Where Is the Heaven?"

Dr. Heiskanen held membership in eight Academies of Science in various countries. His latest membership came in 1965 when he was appointed by the Pope as a member of the Pontifical Academy of Sciences. He held honorary membership in seven scientific societies and received honorary degrees from the University of Bonn, Germany; University of Uppsala, Sweden; Finland's Institute of Technology, and The Ohio State University.

In the long list of medals and awards conferred upon him is the William Bowie Medal of the American Geophysical Union which he received in 1956.

December 3, 1971 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Weikko Alexanteri Heiskanen (continued)

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.

\*

\*

\*

X. REPORTS

A. Report on the University's Investment Portfolio

The report dated December 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

B. Report from the Retirement and Insurance Committee

1. Alexander & Alexander Report

Dr. Sirak reported that Alexander & Alexander would present a report of findings concerning the insurance program of the University to appropriate members of the University administration and members of the Retirement and Insurance Committee on December 17, 1971.

2. Insurance and Retirement Program for University Employees

Dr. Sirak, a member of the Retirement and Insurance Committee, recommended that the following amendments to the insurance program for faculty, staff, and all regular employees of The Ohio State University be approved:

That the John Hancock Mutual Life Insurance Contracts Nos. 1035-G and 58175-GTC as amended for faculty and staff and Contract No. GTC-58175-100 as amended for classified and hourly employees be amended further to include the following changes to be made effective January 1, 1972, or as soon thereafter as legally permissible under the terms of the President's Economic Stabilization Program:

1. Annual automatic restoration of major medical maximum benefits up to \$2,500 or 10% in any one year but not to exceed the maximum benefit of \$25,000; and

December 3, 1971 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Retirement and Insurance Committee (continued)

2. Insurance and Retirement Program for University Employees (continued)

2. Cover private duty nursing service by a Licensed Practical Nurse when a Registered Nurse is not available during non-hospital confinement when approved by a physician for not more than 60 days during one period of disability.

That continuous hospital and medical coverage for unmarried dependent children mentally or physically incapable of support is hereby recognized as applicable to all hospitalization and medical insurance held by The Ohio State University, as of January 1, 1972. (This provision is in accordance with Senate Bill No. 136 of the General Assembly, effective December 20, 1971.)

Detailed statements on foregoing amendments are on file with the records of the Board of Trustees.

Upon motion of Dr. Sirak, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous roll call vote.

C. Report from the Finance and Investment Committee

1. Purchase of the State of Ohio (Department of Commerce - Division of Aviation) Hangar (Don Scott Field)

Mr. Safford, Chairman of the Finance and Investment Committee, presented the following recommendation:

At the December 4, 1970 meeting of the Board of Trustees, authority was granted for the sale of 12.318 acres of land to the Ohio Building Authority for the construction of a hangar facility on the north side of the University Airport. In accordance with the agreement, the University in turn would purchase the interest of the Department of Commerce - Division of Aviation in the present hangar based upon MAI appraisals.

It was recommended that the President and/or Vice President for Administrative Operations be authorized and empowered to execute the necessary legal documents transferring jurisdiction for the hangar from the ownership of the State of Ohio (Department of Commerce - Division of Aviation) to the State of Ohio (The Ohio State University) upon payment of the appraised value.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

December 3, 1971 meeting, Board of Trustees

X. REPORTS (continued)

D. Report by President Fawcett on Revisions in Existing Rules, Regulations, and Procedures Concerning Disruption

President Fawcett made the following statement:

I would like to bring to your attention at this time a matter which will be coming before you for action at the next Board meeting. During the past year the Faculty Council of this University, based upon an Ad Hoc Committee report, has proposed a number of revisions in the existing rules, regulations, and procedures concerning disruption. These proposed revisions are in two parts. After extensive hearings and discussion the Faculty Council passed a modified hearing procedure which I am now distributing to you. The second action which I am also distributing to you is concerned with modifications in the disruption rule. Before the next Board meeting the Faculty Council will also be taking final action on this document after it has been returned to the Council by the Rules Committee. I have distributed a draft of these modifications since it is anticipated that this document will be adopted with only minor changes if any. I am making both of these documents available to you so as to provide you with time to study these revisions before being asked to take action. I also wish to indicate to you that I will recommend favorable action by you on both of these documents.

In so doing, however, I am not unmindful of the fact that for the revised hearing procedure to be successful it must enjoy a broad base of support from within the University community. This I believe it has. In requesting your support specifically of this revision I wish it understood that if this revised procedure proves unworkable or inoperable for any reason I will request immediate reinstatement of the hearing officer procedure which is provided for under our current rules.

I do not have similar reservations about the proposed revisions in the disruption rule. I think these changes will sharpen up the rule and make for a generally better understanding of it. At the same time it should be understood that the University general conduct rules and existing State statutes provide a further safeguard against excesses in conduct by individuals on this campus.

Unless there are any questions on these two documents by Board members at this time, I will assume that this matter will come before the Board at its next meeting which is scheduled for February 4. Thank you.

## Rules for the University Faculty

### 29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall recommend to the President, subject to the approval of the Board of Trustees, a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as Chief Hearing Officer, whose duties shall include:

- (a) Assisting the Council on Student Affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the Report and Recommendations of the University Committee on Rights and Responsibilities (The Ohio State University, September 15, 1968);
- (b) Selecting Hearing Officers as needed from the approved list;
- (c) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;
- (d) Forwarding completed cases to the Vice President for Administrative Operations for administrative implementation in accordance with their final determination by the Chief Hearing Officer;
- (e) Hearing on appeal student disciplinary cases, not including University actions relating to academic failure or violations of a code of professional ethics or of an honor code of those colleges or academic units having such codes, where an appeal is taken by any student from any such action by his College, University Committee, or other properly authorized University adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.

Section 2. That an array of Hearing Panelists, large enough to allow at least three panels, shall be selected by lot consisting of:

- (a) Faculty members,
- (b) Undergraduate students,
- (c) Graduate and professional students, and
- (d) Administrative staff members.

Any person selected to serve as Hearing Panelist may be exempted from such service if he declines.

The Chief Hearing Officer shall, by lot, select from the array Hearing Panels, each composed of two faculty members, two undergraduate students, one graduate or professional student, and one administrative staff member. The Hearing Panels shall have original jurisdiction to hear cases of alleged student violation of Rule 51.03 brought before it by authorized University officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.

Rules for the University Faculty

29.2725. Hearing Officers and Panels. (continued)

The University and the Defendant shall have the right to challenge for cause. The Hearing Officer shall hear challenges for cause.

- o -

29.2726. Pending Criminal Law Suit.

Section 1. Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by University rules, the University shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the University may bring the student before a Hearing Officer and Panel to find whether he poses such a danger. If the Panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the Hearing Officer may specify (except that the student may not be deprived of University scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the Hearing Officer shall, on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a Hearing Officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the University pending a full hearing.

- o -

45.03. Group Absences.

Section 4 revoked.

- o -

51.03. Disruption.

Section 1. No student, faculty, staff, visitor, or other person shall, with an intent to disrupt University authorized activities:

- (a) obstruct the lawful movement of any person or persons about the campus, into or out of any University building or facility, or within any University building or facility, and fail to desist when so ordered by an authorized University official;
- (b) obstruct the movement of vehicular traffic on the streets of the University, and fail to desist when so ordered by an authorized University official;
- (c) occupy a University building or facility in such a manner as to prevent others from carrying out University authorized activities and fail to depart when informed by an authorized University official that he is disrupting University authorized activities and must depart;

Rules for the University Faculty

51.03. Disruption. (continued)

- (d) interfere with the conduct of a class, office, laboratory, or other University authorized activity by shouting, chanting, marching, throwing missiles, or otherwise creating such a disturbance that the authorized activity cannot, in the judgment of an authorized University official, be carried on, and fail to desist when so ordered by an authorized University official;
- (e) employ force or violence, or the explicit threat of force or violence, to prevent any person or persons from carrying out University authorized activities;
- (f) damage public address systems, television sets, laboratory equipment, computer systems, or other property used for the carrying out of University authorized activities;
- (g) solicit any person or persons to violate subsections (a) through (f) of this rule, knowing that there is a clear and present danger that such violations will occur (but a person shall not be charged with soliciting unless a violation of subsections (a) through (f) occurs as a result of his solicitation).
- (h) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott of classes, or other forms of peaceful dissent.

Any student found guilty of the conduct proscribed in subsections (a) through (g) shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to Rule 29.2725.

Non-students charged with the conduct proscribed in subsections (a) through (g) shall be referred to an appropriate authority.

Section 2. Definitions.

- (a) The phrase "with an intent to disrupt" shall be taken to mean that a person knows or reasonably should know that his act or acts will have the consequence of preventing others from carrying out University authorized activities.
- (b) The phrase "to obstruct" shall be taken to mean making the movement of a person or vehicle from one place to another difficult or impossible; it shall not be taken to mean making that movement inconvenient.
- (c) The phrase "University authorized activity" shall be taken to mean any activity that the University conducts, sponsors, or permits to be carried out on the campus or in any University building or facility.

Rules for the University Faculty

51.03. Disruption. (continued)

- (d) The phrase "an authorized University official" shall be taken to mean any person to whom the University has delegated authority to supervise a building or facility, or any part of a building or facility, or to supervise the movement of people and vehicles on the campus.
- (e) The phrase "campus" shall be taken to mean University owned or controlled property.

- o -

51.05. Individual Disruption.

Rule revoked.

- o -

December 3, 1971 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 4, 1971, at The Ohio State University, Columbus, Ohio, at 1:30 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

APPENDIX III

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty

Page 320 Blank

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty

ARTICLE III

Administration of the University

Section 1. The Office of the President.

The Office of the President shall consist of the President, a staff assistant (or staff assistants) to the President, the Executive Assistant to the President, the Executive Vice President and Secretary of the Board of Trustees, the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. In addition, the Ombudsman shall have direct access to the Office of the President. The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

Section 6. The President's Cabinet; Executive Vice President and Secretary of the Board of Trustees.

The major area of responsibility and authority for the Executive Vice President shall be that of chief of staff for the President of the University. He shall assist with the entire administration of the University, coordinate and evaluate administrative efforts, serve as chief executive in the President's absence, and coordinate matters assigned to the other Vice Presidents and the Executive Directors. In addition to his service of the Secretaryship of the Board of Trustees, he shall have direct supervision of the offices of Public Safety and Special Projects.

Section 7. The President's Cabinet; Provost and Vice President for Academic Affairs.

The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and the Executive Directors of the University which relate to the academic program of the University.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

Section 8. The President's Cabinet; Vice President for Administrative Operations.

The major area of responsibility and authority for the Vice President for Administrative Operations shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Administrative Operations shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have requisite authority for: the conduct and evaluation of all administrative operations and procedures of the University; the direct administration of University records and admissions, non-academic student discipline, the administrative systems computer center, business management, physical facilities, including the operation and maintenance of grounds; the coordination of traffic and parking; the coordination of University computers; the distribution of supplies and equipment; the maintenance of all equipment; and the administration of all University housing facilities. As a deputy of the President, he shall be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and Executive Directors which relate to the administrative operations of the University.

Section 9. The President's Cabinet; Vice President for Student Affairs.

The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President for Student Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, University Union facilities and programs, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling, student financial aids and scholarships, off-campus student housing, and the student orientation program.

Section 10. The President's Cabinet; Vice President for University Development.

The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services, governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the administrative coordination of The Ohio State University Development Fund and The Ohio State University Research Foundation.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

Section 11. The President's Cabinet; Vice President for Educational Services.

The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science; the University Archives, evaluation and testing, photography and cinema, and the Learning Resources Computer Center.

Section 14. The President's Cabinet; Executive Assistant to the President.

The Executive Assistant to the President shall render such service and have such responsibility and authority as the President may from time to time direct. He shall serve as Secretary of the President's Cabinet and of the Administrative Council.

Section 17. Administrative Council.

The President of the University, the members of the President's Cabinet, the Deans of the Colleges, the Vice Provost for Graduate Affairs and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Administrative Council of the University. The President shall be Chairman of the Council, and the Executive Assistant to the President shall be Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assigned by the President.

The Administrative Council shall meet at least once each quarter during the academic year and on call by the President. The Administrative Council shall serve as an advisory council to the President.

ARTICLE VII

Student Affairs

Section 1. Discipline.

The President shall have the final responsibility and authority for the discipline of all students of the University. This responsibility and authority may be delegated by the President to the Vice President for Administrative Operations.

The Deans of the Colleges and of the Graduate School, the Directors of Schools and the Chairmen of Departments, respectively, are responsible to the President through regular disciplinary channels for the discipline of all students in the activities of their respective Colleges, Schools and Departments.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.00. Administration of The Ohio State University

11.01. Office of the President.\*

The Office of the President shall consist of the President, a staff assistant (or staff assistants) to the President, the Executive Assistant to the President, the Executive Vice President and Secretary of the Board of Trustees, the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. In addition, the Ombudsman shall have direct access to the Office of the President. The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

11.1101. Executive Vice President and Secretary of the Board of Trustees.\*

Section 1. The Executive Vice President and Secretary of the Board of Trustees shall serve as chief of staff for the President and serve as chief executive in the President's absence.

Section 2. The major area of responsibility and authority for the Executive Vice President shall be that of chief of staff for the President of the University. He shall assist with the entire administration of the University, coordinate and evaluate administrative efforts, serve as chief executive in the President's absence, and coordinate matters assigned to the other Vice Presidents and the Executive Directors. In addition to his service of the Secretaryship of the Board of Trustees, he shall have direct supervision of the offices of Public Safety and Special Projects.

Section 3. The principal administrative officials of the Office of the Executive Vice President and Secretary of the Board of Trustees shall be the Director of Public Safety, Director of Special Projects, and such associates as may be authorized from time to time.

11.1102. Provost and Vice President for Academic Affairs.\*

Section 1. The Provost and Vice President for Academic Affairs shall be the executive head of the Office of Academic Affairs, Office of Research and Sponsored Programs, and the Office for the Coordination of Minority Affairs. The Provost and Vice President for Academic Affairs is the principal academic officer of the University responsible directly to the President of the University for all matters relating to the academic program of the University.

Section 2. The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1102. Provost and Vice President for Academic Affairs.\* (continued)

governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and the Executive Directors of the University which relate to the academic program of the University.

Section 3. The principal administrative officials of the Office of the Provost and Vice President for Academic Affairs shall include such associates as may be authorized from time to time.

11.1103. Vice President for Administrative Operations.\*

Section 1. The Vice President for Administrative Operations shall be the executive head of the Office of Administrative Operations.

Section 2. The major area of responsibility and authority for the Vice President for Administrative Operations shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Administrative Operations shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the conduct and evaluation of all administrative operations and procedures of the University; the direct administration of University records and admissions, non-academic student discipline, the administrative systems computer center, business management, physical facilities, including the operation and maintenance of grounds; the coordination of traffic and parking; the coordination of University computers; the distribution of supplies and equipment; the maintenance of all equipment; and the administration of all University housing facilities. As a deputy of the President, he shall be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and Executive Directors, which relate to the administrative operations of the University.

Section 3. The principal administrative officials of the Office of the Vice President for Administrative Operations shall be the Director of Admissions and Records; Director of Administrative Systems Computer Center; Assistant Vice President for Business Management; Assistant Vice President for Physical Facilities; Assistant Vice President for University Housing; the University Discipline Officer; and such associates as may be authorized from time to time.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11. 1104. Vice President for Student Affairs.\*

Section 1. The Vice President for Student Affairs shall be the executive head of the Office of Student Affairs.

Section 2. The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President for Student Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, University Union facilities and programs, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling, student financial aids and scholarships, off-campus student housing, and the student orientation program.

Section 3. The principal administrative officials of the Office of Student Affairs shall be the Dean of Students, Director of University Health Service, Director of Student Financial Aids, Director of Off-Campus Housing, Director of Athletics, Director of the Ohio Union or student unions, Director of University Counseling Center, Director of Recreation and Intramurals, and such other associates as may be authorized from time to time.

11. 1105. Vice President for University Development.\*

Section 1. The Vice President for University Development shall be the executive head of the Office of University Development.

Section 2. The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services; governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events, and the administrative coordination of The Ohio State University Development Fund and The Ohio State University Research Foundation.

Section 3. The principal administrative officials of the Office of University Development shall be a Director of Public Relations, Executive Director of The Ohio State University Research Foundation, Executive Director of The Ohio State University Development Fund, Coordinator of the Major Resources Group, Director of the Alumni Information Center, Executive Assistant to the Vice President for University Development, and such other associates as may be authorized from time to time.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1106. Vice President for Educational Services.\*

Section 1. The Vice President for Educational Services shall be the executive head of the Office of Educational Services.

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science; the University Archives, evaluation and testing, photography and cinema, and the Learning Resources Computer Center.

Section 3. The principal administrative officials of the Office of Educational Services shall be the Assistant Vice President for Continuing Education; the Director of the Telecommunications Center, the Director of the University Libraries, the Director of the Department of Photography and Cinema, the Director of the Listening Center, the Director of the Teaching Aids Laboratory; the University Archivist, the Executive Dean of Evaluation and Testing, the Chairman of the Department of Air Force Aerospace Studies, the Chairman of the Department of Military Science, and the Chairman of the Department of Naval Science, and such other associates as may be authorized from time to time.

11.1109. Executive Assistant to the President.\*

The Executive Assistant to the President shall render such service and have such responsibility and authority as the President may from time to time direct. He shall serve as Secretary of the President's Cabinet and of the Administrative Council.

11.13. Principal Administrative Officials.\*

Section 1. The principal administrative officials in the Offices of the Cabinet Members shall be appointed by the Board of Trustees upon the nomination of the President. Recommendations regarding these appointments will be made to the President through the Executive Vice President and Secretary of the Board of Trustees, or through the appropriate coordinating deputy, either the Provost and Vice President for Academic Affairs or the Vice President for Administrative Operations of the University following appropriate consultation.

Section 2. Each principal administrative official shall have such responsibility and shall exercise such authority as may from time to time be delegated to him by the Cabinet Member to whom his office is attached. He shall be responsible to his Cabinet Member for the activities of his office and shall report directly to that Cabinet Member.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.13. Principal Administrative Officials.\* (continued)

Section 3. Appropriate records shall be kept by all of these administrative officials and shall be available to the President, to the University Ombudsman, or the appropriate Cabinet Member upon request.

Section 4. Unless otherwise specified, all assigned responsibilities shall be on a University-wide basis including the Regional Campuses of the University.

Section 5. In the rules following this section specific responsibilities are assigned to the Director of Libraries, Registrar, Director of Admissions, and Director of Athletics. Further responsibilities may be assigned from time to time in accordance with Section 2 of this Rule 11.13.

11.1307. Registrar.

Subject to the direction of the Vice President for Administrative Operations, the principal duties of the Registrar shall be as follows: (1) the maintenance and custody of the official student records of the University; (2) the maintenance of a complete file of the local and home addresses of all present and former students; (3) the supervision of the details of registration; (4) the supervision of the details of the time schedule; and (5) the assignment of rooms for classes and for other instructional meetings.

The records of the standing of students shall be kept by the Registrar primarily in the interests of the students and for the use of the Office of the President, the Deans, and the members of the faculty. No person not connected with the University shall have access to these records. A student shall not have direct access to these records, but on request shall be furnished with a statement of his standing to date. Any student leaving the University shall, upon request, be furnished with a complete copy of his record. Duplicate copies, and copies requested at other times to be sent to designated persons, may be secured by payment of a fee.

11.1309. Director of Admissions.

The Director of Admissions, subject to the direction of the Vice President for Administrative Operations, shall:

- a. Direct the administration of admission policies duly established by the appropriate faculty bodies.
  1. Exceptions to such policies shall be made only in accordance with recommendations of the Dean or Director of the College, School, or Division involved.
  2. A special student not seeking a degree must be approved for admission by the Dean or Director of the College, School, or Division concerned.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1309. Director of Admissions. (continued)

- b. Receive, evaluate, and maintain all certificates and transcripts presented by or on behalf of applicants for admission to the University or for credit in any course.
- c. Issue all official notices of admission to applicants and certify the validity of transfer credits to the Registrar and to the Secretary of the College, School, or Division involved.
- d. Transfer students upon request from one College, School, or Division in the University to another, but only in accordance with policies established by the Colleges, Schools, or Divisions involved.
- e. Conduct the official correspondence of the University on all matters connected with the admission of students.
- f. Perform such other duties and assume such additional responsibilities as may be assigned to him from time to time by the Vice President for Administrative Operations.

11.1311. Director of Athletics.

Section 1. The Director of Athletics shall be a member of the faculty. He shall be responsible to the Vice President for Student Affairs. The Director of Athletics shall be appointed under the procedures outlined in Rule 13.0503. The Athletic Council (see Rule 29.2711) shall also be consulted.

Section 2. Under policies established by the Athletic Council, the Director of Athletics shall direct the programs of intramural and intercollegiate athletics. The Director of Athletics shall arrange the schedules of intercollegiate contests, supervise all trips, and make all arrangements for the conduct of intercollegiate contests.

The annual budget of the Division of Intercollegiate Athletics shall be prepared by the Director of Athletics in accordance with University procedure.

Section 3. He shall have the duties of the Chairman of a Department as prescribed in Rule 13.0503.

Section 4. The athletic physical plant and employees thereof shall be under the jurisdiction of the Director of Physical Plant and shall be administered under the rules and regulations of the Board of Trustees. An appropriate charge for this service shall be made to the Athletic Department Rotary.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1501. Administrative Council.\*

The President of the University, the members of the President's Cabinet, the Deans of the Colleges, the Vice Provost for Graduate Affairs and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Administrative Council of the University. The President shall be Chairman of the Council, and the Executive Assistant to the President shall be Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assigned by the President.

The Administrative Council shall meet at least once each quarter during the academic year and on call by the President. The Administrative Council shall serve as an advisory council to the President.

13.00. Establishment and Administration of Colleges,  
Schools, Departments, and Institutes

13.0301. Deans of the Colleges.\*

Section 1. There shall be a Dean of each College who shall be a member of its faculty and the administrative head of the College. Each Dean shall be appointed by the Board of Trustees upon nomination of the President. Before making his nomination, the President shall confer with members of the faculty of the College for which the Dean is to be appointed and shall consider the recommendations of the Chairmen of the Departments and the Directors of the Schools in that College.

Section 2. The major responsibility of the Dean of each College shall be that of providing active leadership in the promotion, direction and support of educational and research activities of the University, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition he shall have general administrative responsibility for the program of the College, subject to the approval of the President and the Board of Trustees. These administrative responsibilities shall include the duty:

- a. To preside at meetings of the College Faculty and to appoint all College committees unless their membership has been designated by Faculty Rule or by the College Faculty.
- b. To approve courses of study for students in his College, to warn students who are delinquent in their studies and to recommend appropriate student disciplinary action to the appropriate university disciplinary body or official.
- c. To present candidates for degrees to the President on behalf of the College Faculty and to serve as a member of the Administrative Council (see Rule 11.1501).

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

13.0301. Deans of the Colleges. \* (continued)

- d. After consultation with the Chairmen of the Departments and the Directors of the Schools within the College to make recommendations to the Provost and Vice President for Academic Affairs, concerning the college budget, the appointments to and promotions within the staff and the membership of the College Faculty. Whenever his recommendations involve the appointment or promotion in rank of faculty members offering graduate work or acting as advisers to graduate students, the Dean of a College shall consult with the Vice Provost for Graduate Affairs and Dean of the Graduate School. (See Section 2 of Rule 13.0303.)

Section 3. The Dean is hereby given authority requisite to carrying out the responsibilities of his position. He may delegate any of his responsibility and authority to another member of the faculty of the College. He shall be a voting member of the faculty of each department.

Section 4. The usual method of communication between the Dean and the President or the Board of Trustees shall be through the appropriate Cabinet member, then to the President and through him to the Board of Trustees.

25.00. University Faculty

25.03. Presiding Officer.

The President of the University shall be the presiding officer of the University Faculty. In his absence the duties of the presiding officer shall be assigned to the Provost and Vice President for Academic Affairs. In the absence of both the President and the Provost and Vice President for Academic Affairs, the duties of the presiding officer shall be assigned by the President to the Dean of one of the Colleges, the Vice Provost for Arts and Sciences, or the Vice Provost for Graduate Affairs and Dean of the Graduate School.

29.00 Faculty Council

29.01. Membership.

There shall be a Faculty Council constituted as follows:

- a. Ex officio Members. There shall be twenty-eight ex officio members: The President; Executive Vice President; Provost and Vice President for Academic Affairs; Vice President for Administrative Operations; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Secretary of the University Faculty; Vice Provost for Graduate Affairs and Dean of the Graduate School; Vice Provost for Arts and Sciences; Deans of the Colleges; and Director of Libraries.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

29.01. Membership. (continued)

- b. Faculty Members. There shall be sixty-eight elected from members of the University faculty on Regular contract, distributed among and elected by each college, academic unit not assigned to a college and regional campus with a resident faculty and its own Faculty Council. For the purposes of this section there are two academic units not so assigned: (1) the library and (2) the Departments of Military, Naval, and Air Force Aerospace Studies. Each college, each such academic unit, and each such regional campus shall constitute an election district from which shall be elected the number of members as specified for each election by the Committee on Elections for the Faculty Council, and shall elect at least one member. No person is eligible to represent one college, academic unit, or regional campus while serving as representative of another.
- c. Student Members. There shall be thirty-three elected members, with voting privileges on all matters except to pass on candidates for degrees; one by each of the sixteen college councils; eight by the Council of Graduate Students; the President of the Undergraduate Student Body; and eight by the Student Assembly.
- d. Alternate Members. Each member of the Faculty Council is expected to attend its meetings regularly but alternate representatives shall be designated for each election district in order to assure full attendance at meetings when regular representatives are justifiably absent.

When a regular member is off duty or unable to attend a meeting of the Faculty Council, he shall notify the Secretary of the Council in advance of the meeting, giving the name of the alternate who will represent him. The alternate so designated shall then have the general powers and privileges in the Faculty Council of the person whom he represents.

Alternates shall be designated as follows: (a) alternates for ex officio members - each ex officio member shall designate his alternate; (b) alternates for elected members - unsuccessful candidates for election shall constitute a panel of alternates in each election district, in the order of votes which they received in the election.

29.11. Presiding Officer.

The President of the University shall be the presiding officer of the Faculty Council. In his absence, the duties of the presiding officer shall be assigned to the Provost and Vice President for Academic Affairs. In the absence of both the President and the Provost and Vice President for Academic Affairs, the duties of the presiding officer shall be assigned by the President to the Dean of one of the Colleges, the Vice Provost for Arts and Sciences, or the Vice Provost for Graduate Affairs and Dean of the Graduate School.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

29.2715. Council on Admissions and Registrations.

Section 1. The Council on Admissions and Registrations shall consist of twelve members chosen as follows:

- a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for reappointment.
- b. Ex officio members. The persons holding the following three titles shall be ex officio members: Provost and Vice President for Academic Affairs or his designee (who shall serve as Chairman of the Council); Vice President for Administrative Operations or his designee (who shall serve as Secretary of the Council); and the Executive Director of University Planning.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers) or to the Faculty Council, depending upon the nature of the recommendation.

51.00. University Discipline

51.01. General Discipline.

Section 1. The President shall have the final responsibility and authority for the discipline of all students of the University. This responsibility and authority may be delegated by the President to the Vice President for Administrative Operations. (See Rule 11.1101.)

53.00. Activities

53.09. Student Use of University Buildings.

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Office of the Dean of Students.

Section 2. No student, group of students, or registered student organization may announce an activity involving the use of University facilities or use University facilities for an activity, unless permission for such use has been obtained from the Office of the Dean of Students and any required facility has been scheduled through the Division of Campus Planning and Space Utilization in accordance with Rule 61.05.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

54.00. The Ohio Union

54.03. Director.\*

The Director, Ohio Union, shall be the chief administrator of the Ohio Union. He shall have the general administrative responsibility for its program and its financial affairs. The Director shall be responsible to the Vice President for Student Affairs.

54.05. The Ohio Union Council.\*

The Ohio Union Council shall consist of eighteen members chosen as follows:

- a. Nine student members chosen in accordance with rules established by the Ohio Union Council.
- b. One representative from the Council of Graduate Students (see Rule 53.0705).
- c. Seven faculty and staff members chosen as follows: (1) the Vice President for Administrative Operations or his designee, the Vice President for Student Affairs or his designee, and the Director, Ohio Union, ex officio; (2) the Program Director, Ohio Union, ex officio, but without the right to vote; (3) two members of the University Faculty, and (4) one residence halls staff representative. The faculty and staff members shall be appointed by the Vice President for Student Affairs for a term of two years.
- d. One alumni member designated by The Ohio State University Association for a term of three years under such procedures as the Association shall adopt.

The faculty, staff, and alumni members shall not serve more than two consecutive terms on the Council.

Subject to the general authority of the President and the Board of Trustees, the Ohio Union Council shall establish the program policies of the Ohio Union and shall assist in the development of all of its student activities programs. It will advise the Director on other matters pertaining to the operation of the Ohio Union, but the Council shall not serve in an administrative or executive capacity.

The President of the Ohio Union Activities Board shall serve as Chairman of the Ohio Union Council; the Director, Ohio Union, shall serve as the Executive Secretary of the Ohio Union Council.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

61.00. Restrictions

61.01. Drives and Canvassing.\*

Canvassing or solicitations for funds, sales, or subscriptions are prohibited on the University campus or in University buildings unless written permission therefor shall first have been granted by the Division of Campus Planning and Space Utilization which may seek recommendation regarding requests for permission from appropriate University offices.

The sale of merchandise of any kind whatsoever, or publications, or services upon University property, other than by the regularly authorized stores, restaurants, departments, or divisions of the University, is likewise prohibited except upon written permission of the Division of Campus Planning and Space Utilization which may seek recommendation regarding requests for permission from appropriate University offices.

Any person violating this Rule 61.01 shall be subject, upon proper notice, to eviction from University property or arrest.

61.05. University Facilities.\*

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following: (a) the University, (b) an administrative unit of the University, (c) the President or a member of his Cabinet, (d) a member of the University Faculty, (e) a club or committee of University Faculty members, University staff members, or their wives, or (f) a recognized student organization (see Rule 53.01).

Section 2. The Division of Campus Planning and Space Utilization shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Division of Campus Planning and Space Utilization. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the name of the guest speaker and shall be submitted to the Division of Campus Planning and Space Utilization at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Division of Campus Planning and Space Utilization if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting" as used in Rules 21.09, 53.09, and 61.05 means any meeting using University facilities to which the faculty, staff, students or public is invited, except (a) regularly scheduled University courses, (b) conferences approved under University procedures, and (c) meetings of state, regional, national or international organizations approved under University procedures.

---

\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

61.05. University Facilities.\* (continued)

Section 4. The responsibility and authority of the Division of Campus Planning and Space Utilization under this Rule may be delegated by it to a member of the University Faculty or of the staff of this University.

---

\*Rule initiated by Board of Trustees.

APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 17, 1971

Page 338 Blank

## The Recipients of Honors

### SHERWOOD L. FAWCETT

Doctor of Science

*Distinguished leader of engineers and scientists, exponent of technological innovation, and advocate of science for the benefit of society.*

As President of Battelle Memorial Institute, Sherwood L. Fawcett exemplifies the imaginative scientist-administrator working at the interface of science and society. His interests range from the generation of knowledge to new concepts for applying science in business, industry, and education.

Dr. Fawcett earned his bachelor's degree in engineering physics from The Ohio State University in 1941, and, following naval service in World War II, his M.S. and Ph.D. degrees from Case Institute of Technology.

In 1950, Sherwood L. Fawcett began his career with the Battelle Memorial Institute as a participant in research directed toward the development of nuclear reactors for power and naval propulsion. Advancing through various managerial assignments, he became the first Director of the Institute's Pacific Northwest Laboratories at Richland, Washington, in 1964, and was named President of Battelle in 1968. Under Dr. Fawcett's leadership, Battelle has significantly broadened its role as a multinational, public-purpose organization involved in research, educational, and industrial development activities.

An authoritative spokesman of science and technology, Dr. Fawcett is a vice president of the American Association for the Advancement of Science and was chairman in 1970 of the Association's Section on Industrial Science. He is the author of some fifty articles and papers.

Education and civic affairs are matters of great concern to Dr. Fawcett. He is a trustee of Case Western Reserve University, the Korea Institute of Science and Technology, a member of the Board of Regents of Gonzaga University, and on the Board of Overseers of Whitman College. Active in the Ohio and Columbus Chambers of Commerce, he is also a trustee of the Columbus Symphony, Columbus Gallery of Fine Arts, and the city's Children's Hospital.

The Ohio State University is proud to confer the honorary degree, Doctor of Science, on such a distinguished alumnus.

### WILLIAM JOVANOVICH

Doctor of Humane Letters

*Pre-eminent publisher and author of international distinction who has established a hallmark of innovation and quality in the publishing profession.*

Administrative determination and literary acumen are but two of the outstanding qualities that mark the career of William Jovanovich. One of the nation's most renowned publishers and currently Chairman of Harcourt Brace Jovanovich, Inc., Mr. Jovanovich developed what was to become a life-long interest in the English language while a student at the Denver Public Schools. He continued to pursue these interests at the University of Colorado, Harvard University, and Columbia University, and, with the exception of a four-year interim with the United States Navy, he has devoted his entire career to the improvement of media production.

Joining Harcourt, Brace, and Company in 1947, Mr. Jovanovich's versatility in the areas of editing, selling, and designing books was soon recognized. With such abilities, it was not long before he ascended to become school department director, vice president, and director. Under the careful direction of Mr. Jovanovich, mergers and acquisitions permitted the publishing house to grow both in size and in scope of operation, expanding into such fields as computer-assisted instruction, micro-film reproduction, and specialized consumer magazines.

Today, Harcourt Brace Jovanovich, Inc. has large publishing operations in London, Frankfurt, and Toronto, as well as in New York.

In addition to his prominence as a publisher, Mr. Jovanovich has achieved a distinguished reputation as an author and essayist. His first book, *Now, Barabbas*, is devoted primarily to the author's views on the structure and concepts of publishing as they relate to American education. Several of his recent essays have been featured in *Harper's*, *The American Scholar*, *The Saturday Review*, and the collection, *America Now*.

In testimony of his dedication to the advancement of learning, The Ohio State University is honored to confer upon this distinguished author and publisher the honorary degree Doctor of Humane Letters.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and sixty-six candidates

Anthony Andrew Adams, Los Gatos, Calif.  
A.B., M.A. (Gonzaga University); S.T.M. (Santa Clara-Alma College)

*Dissertation:* Perspectives of Community Service Responsibility of Broadcast Licensees  
*Field of Specialization:* Speech Communication

Michael Wakefield Allen, Clarion, Ia.  
B.A. (Cornell College); M.A.

*Dissertation:* The Prediction on Achievement in Computer Assisted Instruction Versus Lecture Instruction Using Linear Multiple Regression Techniques  
*Field of Specialization:* Psychology

Bhani Visissobha Al-Nasser, Bangkok, Thailand  
B.A. (Chulalongkorn University); M.A.

*Dissertation:* The Relationship between the Cultural Background of Disadvantaged Children and Their Performance on an Arithmetic Test  
*Field of Specialization:* Education

Christodoulos Arghyrou, Ayi Omoloyida, Cyprus  
B.A., M.S. in Edu. (New York State University College at Oswego)

*Dissertation:* Nikos Kazantzakis and Education  
*Field of Specialization:* Education

Andrew Dewey Bailey, Jr., Minneapolis, Minn.  
B.S. in Bus., M.S. (University of Minnesota)

*Dissertation:* The Planning of Operations and the Analysis of Alternative Information Systems: A Dynamic Programming Approach to Different Costing Methods in Accounting for Inventories  
*Field of Specialization:* Accounting

Robert Edward Behling, Milwaukee, Wis.  
B.S. (University of Wisconsin); M.S. (Miami University)

*Dissertation:* Pedological Development on Moraines of the Meserve Glacier, Antarctica  
*Field of Specialization:* Geology

Catherine Elizabeth Bennett, Columbus  
B.S.Ed., M.A.

*Dissertation:* Relationships among Movement Patterns, Performance Scores and Expressed Movement Satisfaction of Children in the Elementary School  
*Field of Specialization:* Physical Education

Stephen Richard Betso, Brooklyn, N. Y.

(Saint John's University); M.S.  
*Dissertation:* Electrochemical Studies of the Reduction of the Heme Iron in Native Horse-Heart Cytochrome *c*  
*Field of Specialization:* Chemistry

William Donald Bradford, Cleveland

B.A. (Howard University); M.B.A.  
*Dissertation:* Inflation, the Value of the Firm, and the Cost of Capital  
*Field of Specialization:* Business Administration

Ruth Ann Brooks, Columbus

B.S.Ed., M.A.  
*Dissertation:* An Investigation of the Relationship between Reading Interest and Comprehension  
*Field of Specialization:* Education

Carol Lynch Brown, Tallahassee, Fla.

B.A. (College of Saint Catherine); M.Ed. (University of Minnesota)

*Dissertation:* A Study of Procedures for Determining Fifth Grade Children's Book Choices  
*Field of Specialization:* Education

David Jeffery Brown, Columbus

B.A. (Maryknoll Seminary); M.A.  
*Dissertation:* The Fear of Death and the Western Protestant Ethic Personality Identity  
*Field of Specialization:* Psychology

Marion Edna Brown, Columbus

A.B. (Taylor University); M.R.Ed. Asbury Theological Seminary)

*Dissertation:* Design Principles for Learning Centers  
*Field of Specialization:* Education

Edith Guderley Buerger, Dayton

A.B. (Earlham College); M.S.  
*Dissertation:* Abundances and Ionization Structure in Low Excitation Planetary Nebulae  
*Field of Specialization:* Astronomy

John David Burke, Jacksonville, Fla.

B.A. (Saint Bonaventure University); M.A. (Catholic University of America)

*Dissertation:* The Stage History of the London Productions of George Farquhar's *The Recruiting Officer* 1706-1964  
*Field of Specialization:* Theatre

John Edward Burke, Kent

B.A. (Marshall College); M.F.A. (Ohio University)

*Dissertation:* An Historical-Analytical Study of the Legislative and Political Origins of the Public Broadcasting Act of 1967  
*Field of Specialization:* Speech Communication

Roy Eugene Burkey, Columbus

B.S.Bus.Adm., M.B.A.

*Dissertation:* Effect of Discrepancy between Expected and Actual Supervisory Behavior on Worker Performance and Job Satisfaction: An Empirical Study  
*Field of Specialization:* Business Administration

Charles Edgar Busch, Columbus

B.A., M.A. (Miami University)

*Dissertation:* The Atomic Beam Aspects of a Compact Polarized Ion Source  
*Field of Specialization:* Physics

Tod Jordan Butler, Lima

B.A. in Bus.Adm. (Bowling Green State University); M.B.A.

*Dissertation:* The Cincinnati Southern Railway: A City's Response to Relative Commercial Decline  
*Field of Specialization:* History

Linda Styer Caldas, Annandale, Va.

B.S. (George Washington University); M.S.

*Dissertation:* Effects of Various Growth Hormones on the Production of Embryoids from Tissue Culture of the Wild Carrot, *Daucus carota* L.  
*Field of Specialization:* Botany

\* Degree granted in cooperation with Miami University

Gerald Allan Campbell, Deer Park  
B.S. (University of Cincinnati)  
*Dissertation*: The Chemistry of Aryl Nitrenium Ions  
*Field of Specialization*: Chemistry

Benjamin Center, Columbus  
B.S.Soc.Adm.; O.D. (Northern Illinois College of  
Optometry); M.A.  
*Dissertation*: A Search for Some of the Visual Elements  
That Comprise the Beginning Reading Process  
*Field of Specialization*: Education

Sujit Kumar Chatterji, Allahabad, India  
B.Pharm., M.Pharm. (Banaras Hindu University)  
*Dissertation*: The Isolation and Characterization of  
Feeding Stimulants for Elm Bark Beetles (*Scolytus  
multistriatus* Marsham) from American Elm (*Ulmus  
americana* L.)  
*Field of Specialization*: Pharmacy

Saralea E. Chazan, Columbus  
B.A. (University of Pennsylvania); M.S. (Teachers  
College, Columbia University)  
*Dissertation*: Horizontal Décalage in the Concept of  
Object Permanence as a Correlate of Dimensions of  
Maternal Care  
*Field of Specialization*: Psychology

Jesse Anthony Cignetti, Apollo, Pa.  
B.S. in Edu. (Slippery Rock College); M. in Edu.  
(Duquesne University)  
*Dissertation*: A Comparative Study of the Perceptions of  
Beginning Secondary Science Teachers in Relationship to  
Their Science Classroom Activities, Cultural Attitudes and  
Knowledge of Culturally Deprived Students  
*Field of Specialization*: Education

Francis Rodgers Coelho, Richland, Wash.  
B.A., B.A.Ed., M.Ed. (Eastern Washington State College)  
*Dissertation*: Contemporary Sources of Content for  
Curriculum Development: A Conceptual Framework  
*Field of Specialization*: Education

Peter Nicholas Corodimas, Plattsburg, N. Y.  
A.B. (Saint Michaels College); M.A. (John Carroll  
University)  
*Dissertation*: Guilt and Redemption in the Novels of  
William Styron  
*Field of Specialization*: English

Jerry Mallory Davis, Cincinnati  
B.S. (North Carolina State University at Raleigh);  
M.S. (University of Michigan)  
*Dissertation*: Meridional Transport of Sensible Heat in  
the Atmosphere and Its Relation to Traveling Wave  
Systems  
*Field of Specialization*: Geography

Roger Frank Deibel, Westerville  
B.S. in Edu. (Muskingum College); M.A. (Western  
Reserve University)  
*Dissertation*: An Investigation of Factors in Creating and  
Utilizing Open Space Elementary Schools  
*Field of Specialization*: Education

Matthew Sylvester Delaney, Los Angeles, Calif.  
A.B. (Immaculate Heart College); M.S. (University of  
Notre Dame)  
*Dissertation*: Discrete Euclidean Universes and Associated  
Automorphisms  
*Field of Specialization*: Mathematics

Charles Ellis Dickson, Pittsburgh, Pa.  
B.S. (Indiana State College); M.A. (University of  
Pittsburgh)  
*Dissertation*: Politics in a New Nation: The Early Career  
of James Monroe  
*Field of Specialization*: History

William Claus Dierksheide, Columbus  
B.S. (Valparaiso University); M.S. (University of  
Dayton)  
*Dissertation*: Response of a Pure Culture of *Anacystis  
nidulans* and Unialgal Culture of *Microcystis aeruginosa*  
to Aldrin and Dieldrin: A Study in Physiology and  
Cytology  
*Field of Specialization*: Microbiology

Thomas Mervyn Ditzel, Columbus  
B.S. (Marquette University); M.A. (Miami University)  
*Dissertation*: Developmental Problems in Establishing an  
Educational Television Station: A Case Study of the  
Organization, Programming, Finances and Evaluation  
Aspects of Canada's First ETV Broadcasting Service  
*Field of Specialization*: Speech Communication

Neil Lester Drobny, Columbus  
A.B. (Dartmouth College); B.S. Civ. Eng., M.A. Eng.  
(Thayer School of Engineering)  
*Dissertation*: Design of Water Quality Monitoring  
Systems in Latin America  
*Field of Specialization*: Civil Engineering

Phillip Gary Eller, Proctor, W. Va.  
B.S. (Chem.) (West Virginia University)  
*Dissertation*: The Syntheses and Coordination Properties  
of Some 1,2,3,4-tetrafluorophenylphosphine Ligands and  
the Crystal Structures of a Trigonal Planar Copper  
Complex and a Tetrahedral Nickel Nitrosyl Complex  
*Field of Specialization*: Chemistry

Geraldine Byrne Ellerbrock, Shawnee  
B.S.Ed., M.A.  
*Dissertation*: A Study of the Interactive Effect between  
Personality and a Participatory Environment upon  
Performance  
*Field of Specialization*: Business Administration

Gerald Francis Elsbernd, Akaikai, Hawaii  
B.S. (Engr. Sci.) (United States Air Force Academy);  
M.S.  
*Dissertation*: The Vibrations and Stability of Noncircular  
Cylindrical Shells  
*Field of Specialization*: Engineering Mechanics

Kenneth Nelson Eslinger, Terre Haute, Ind.  
B.S. (Indiana State Teachers College); M.A.  
*Dissertation*: Sex Role, Mobility Orientation, and the  
Control of Romantic Love  
*Field of Specialization*: Sociology

Robert Leon Fitts, Sweetwater, Tex.  
B.A. (Baylor University); M.A. (University of Georgia)  
*Dissertation*: The Attacks upon the Associates of Pericles  
*Field of Specialization*: Classics

Roger Maurice Folk, Junction City  
B.S.Ed., M.S.  
*Dissertation*: Interaction of Phytohemagglutinin with  
Mouse Lymphoma Cells  
*Field of Specialization*: Anatomy

Frank Edwin Fortkamp, Columbus  
A.B. (Pontifical College Josephinum); M.A.  
*Dissertation*: The Educational Implications of Racism in  
Ohio's Prisons  
*Field of Specialization*: Education

Ronald Stanley Geizer, Bronx, N. Y.  
B.A. (City College of New York)  
*Dissertation*: Interaction Context and the Perception of  
Nonverbal Dyadic Communication Systems  
*Field of Specialization*: Speech Communication

Edward Francis Glod, Hubbard  
B.S. (Youngstown University); M.S.  
*Dissertation*: Bifunctional Catalysis of  $\alpha$ -Hydrogen  
Exchange of Isobutyraldehyde-2-d by Polyethylenimines  
*Field of Specialization*: Chemistry

Thomas John Glover, Sidney  
B.S., M.S.  
*Dissertation*: An Experimental Examination of the  
Optimum Fitness Model Using Body Weight and Some  
Fitness Traits in *Drosophila melanogaster*  
*Field of Specialization*: Genetics

Felicitas Daniels Goodman, Columbus  
M.A.  
*Dissertation*: Disturbances in the Apostolic Church:  
Case Study of a Trance-Based Upeaval in Yucatan  
*Field of Specialization*: Anthropology

Ronald Greene, Cleveland Heights  
B.S.Ed., M.A.  
*Dissertation*: Self-Disclosure, Dogmatism, and Sensory  
Acuity as They Relate to Humanistic Concepts of Mental  
Health  
*Field of Specialization*: Psychology

James Victor Griesen, Canton  
B.S.Bus. Adm., M.B.A.  
*Dissertation*: Independent Study Versus Group Instruction  
in Medical Education: A Study of Non-Cognitive Factors  
Relating to Curricular Preferences and Academic  
Achievement  
*Field of Specialization*: Education

Stanley John Gromelski, Jr., Haydenville, Mass.  
B.S. (University of Massachusetts)  
*Dissertation*: Part I. Attempted Separations on a Synthetic  
Polymer Chromatography Column. Part II. Base-Induced  
Decomposition of 3-Nitroso-2-oxazolidones  
*Field of Specialization*: Chemistry

Florence Bernadette Grunkemeyer, Muncie, Ind.  
B.S. in Bus., M.S. in Ed. (Indiana University)  
*Dissertation*: Implications of Internship Programs for the  
Preparation of Secondary Business Education Teachers  
*Field of Specialization*: Education

Richard Paul Haight, Columbus  
B.A., M.A.  
*Dissertation*: Pope's *Dunciad* and Blake's *Jerusalem*:  
An Epic Eighteenth Century Dialogue  
*Field of Specialization*: English

Cynthia Mickel Handler, Mt. Zion, Ill.  
B.A. (Millikin University); M.S.  
*Dissertation*: Temperature Acclimation and Oxygen  
Consumption in *Desmognathus fuscus fuscus* (Raf.)  
Larvae  
*Field of Specialization*: Zoology

Pauline Marie Harvey, Princeton, W. Va.  
B.S.Edu. (Concord College); M.A. (Marshall University)  
*Dissertation*: A Comparison of Educable Mentally  
Retarded Students in Two Types of Secondary School  
Placement  
*Field of Specialization*: Education

Barry C. Heermann, Dayton  
B.S. (Bowling Green State University); M.B.A.  
(University of Dayton)  
*Dissertation*: Achieving Student Awareness of Community  
College Business Administration Programs in the  
Introduction to Business Course  
*Field of Specialization*: Education

Charles Henry Heiberg, Columbus  
B.S. in Math. (Massachusetts Institute of Technology);  
M.S.  
*Dissertation*: Norms of Powers of Absolutely Convergent  
Fourier Series of Two Variables  
*Field of Specialization*: Mathematics

Ronald Royce Henderson, St. Clairsville  
B.S. (United States Military Academy); M.S.  
*Dissertation*: A Nuclear Reactor Performance and Fuel  
Management Simulator for Power System Planning  
Activities  
*Field of Specialization*: Nuclear Engineering

Charles Edward Holdsworth, Jr., Newcomerstown  
B.S., M.S.  
*Dissertation*: Biochemical Studies of Otosclerosis  
Enzyme Aberrations  
*Field of Specialization*: Physiological Chemistry

William Park Hotchkiss, Jr., Syracuse, N. Y.  
A.B., M.S. (Syracuse University)  
*Dissertation*: The Life and Professional Contributions of  
Michael Peppe to Physical Education and Aquatics  
*Field of Specialization*: Physical Education

David Moore Hysell, Athens  
B.F.A., M.F.A. (Ohio University)  
*Dissertation*: The Effects of Anxiety toward Art and  
Specific Curricular Strategies upon Aesthetic Perception  
*Field of Specialization*: Art Education

Raymond Jang, Vancouver, B. C., Canada  
B.Sc. Phar. (University of British Columbia)  
*Dissertation*: Evaluation of the Quality of Drug-Related  
Services Provided by Community Pharmacists in a  
Metropolitan Area  
*Field of Specialization*: Pharmacy

Gene Master Kiernan, Columbus  
B.S. in Educ., M.A. (University of Dayton)  
*Dissertation*: Charles Dickens and His American  
Audience—1842: A Study in Ethos  
*Field of Specialization*: Speech Communication

Rodney Ferd Kiesel, Carmichael, Calif.  
B.S. (Principia College)  
*Dissertation*: Reactions of Vanadium Tetrachloride with  
Some Amines and Aminoboranes  
*Field of Specialization*: Chemistry

Anthony William Klueppel, Glen Ellyn, Ill.  
B.S. (Saint Procopius College)  
*Dissertation*: The Estimation of Zero Point  
Vibrational Energy Using Empirical Parameters Based  
upon Molecular Structure; A Calorimetric Study of the  
Hydrolysis of Selected Ortho Esters  
*Field of Specialization*: Chemistry

Howard Charles Knachel, Jr., Cleveland Heights  
B.S. (University of Dayton); M.S.  
*Dissertation*: Studies on Phosphorus (V) Chloride in  
Ionizing Solvents and in the Solid State  
*Field of Specialization*: Chemistry

Ronald James Knapp, Clemson, S. C.  
A.B. (Albion College); M.A. (Bowling Green State  
University)  
*Dissertation*: A Factor Analytic Study of Alienation  
Anomia, and Authoritarianism and Their Relationship  
to the Tendency to Discriminate in a Southern College  
Population  
*Field of Specialization*: Sociology

Fred Eric Kohler, Cleveland  
B.A., M.A.  
*Dissertation*: A Linear Programming Approach to Water  
Supply Alternatives  
*Field of Specialization*: Geography

Gary Alan Kordosky, Columbus  
B.S. (Saint John's University); M.S.  
*Dissertation*: Cobalt (III) and Palladium (II) Complexes  
of Polydentate Ligands Containing Group V-A Donor  
Atoms  
*Field of Specialization*: Chemistry

Miriam Gershman Kovitz, San Bernardino, Calif.  
B.A. (MacMurray College for Women); M.A.  
*Dissertation*: The "Lake Poets": Their Humor  
*Field of Specialization*: English

Sara Finn Kriger, Sacramento, Calif.  
B.A., M.A. (Sacramento State College)  
*Dissertation*: Need Achievement and Perceived Parental  
Child-Rearing Attitudes of Career Women and  
Homemakers  
*Field of Specialization*: Psychology

\*Robert Joseph Kuryvial, Oxford  
B.S. (Wayne State University); M.S. (Miami University)  
*Dissertation*: Behavior of Some Minor Elements in  
Coexisting Plagioclase, Orthoclase, and Biotite from  
Three Intrusive Bodies Located in the Central Wasatch  
Range  
*Field of Specialization*: Mineralogy

Richard Anthony Lancioni, Columbus  
B.A. (LaSalle College); M.B.A. (Ohio University)  
*Dissertation*: An Empirical Examination of Attitude and  
Behavioral Changes in the Fashion Adoption Process  
*Field of Specialization*: Business Administration

Bertrand Clovis Landry, Columbus  
B.S., M.S.  
*Dissertation*: A Theory of Indexing: Indexing Theory as  
a Model for Information Storage and Retrieval  
*Field of Specialization*: Computer and Information Science

Gail William Lawrence, Livonia, Mich.  
B.A. (Kalamazoo College)  
*Dissertation*: The Chemistry of the 14H-Dibenzo (a, j)  
Xanthyl, 14H-Dibenzo (a, j) Thioxanthyl, and  
14H-Dibenzo (a, j) Thioxanthyl-7, 7-dioxide Systems  
*Field of Specialization*: Chemistry

Donald Richard Leavers, Charleston, Ill.  
B.Sc. (University of Notre Dame); M.S.  
*Dissertation*: Cyclotriborazane: Enthalpy of Sublimation,  
Dipole Moment, Dipole-Dipole Interaction Energy,  
Infrared and Raman Spectra, and Probable Frequency  
Assignment  
*Field of Specialization*: Chemistry

Alan Laird Lewis, Durham, Conn.  
B.S.Opt. (Massachusetts College of Optometry); M.S.  
*Dissertation*: A Psychophysical Investigation of Rod-Cone  
Interaction in the Human Visual System  
*Field of Specialization*: Physiological Optics

William Joseph Liebal, Girard  
B.S. in Educ. (Youngstown University); M. in Educ.  
(Kent State University)  
*Dissertation*: The Effect of Local or State Control on  
Selected Responsibilities of Business Department Chairmen  
in Public Junior Colleges in the United States  
*Field of Specialization*: Education

David Warren Livingston, Frankfort, Ky.  
B.S. (Western Kentucky State Teachers College);  
M.A. in Educ. (University of Kentucky)  
*Dissertation*: Symphony No. 1  
*Field of Specialization*: Music

Terry James Logan, San Luis Obispo, Calif.  
B.S. (California State Polytechnic College); M.S.  
*Dissertation*: The Effects of Phosphorus Application Rate,  
Soil Properties and Mode of Leaching on the Mass  
Movement and Diffusion of Applied Phosphate in Soil  
Columns  
*Field of Specialization*: Agronomy

\*Terry Lester Long, Oxford  
B.A., M.A. (University of Houston)  
*Dissertation*: The Radical Criticism of Granville Hicks in  
the 1930's  
*Field of Specialization*: English

J. Richard Lundgren, Easthampton, Mass.  
B.S.E.E. (Worcester Polytechnic Institute); M.S.  
*Dissertation*: On Simple Groups All of Whose 2-Local  
Subgroups are Solvable  
*Field of Specialization*: Mathematics

\* Degree granted in cooperation with Miami University

- Jerrold William Maben, Akron  
A.B., B.S. in Ed., M.Ed. (Wayne State University)  
*Dissertation*: A Survey of Science Teaching in the Public Elementary Schools of Two Selected Regions of the United States during the 1970-1971 School Year  
*Field of Specialization*: Education
- Denise Marie Madigan, Chicago, Ill.  
B.S. (Loyola University)  
*Dissertation*: The Photochemistry of 7-Carbomethoxy-3,4-Benzotropolidene, 5-Carbomethoxy-1,2-Benzotropolidene, and 6-Carbomethoxy-2,3-Benzonorcaradiene  
*Field of Specialization*: Chemistry
- Robert Zenn Maigetter, Youngstown  
B.S., M.S.  
*Dissertation*: The Study of Microbial and Particulate Interactions Using Batch and Continuous Culture Techniques  
*Field of Specialization*: Microbiology
- John Michael Mansfield, Galion  
B.A., M.A. (Miami University)  
*Dissertation*: Autoimmunity and Other Immune Mechanisms in Rabbits with Experimental *Trypanosoma congolense* Infections  
*Field of Specialization*: Microbiology
- Jayne Carney Martin, Floral Park, N. Y.  
B.S. (Saint Bonaventure University); M.S.  
*Dissertation*: Suspended Particles from Lake Erie: Amino Acid Composition and the Effect of Detergents on Their Interactions with Bacteria  
*Field of Specialization*: Microbiology
- Lawrence Leo Martin, Baltimore, Md.  
B.S. in Phar. (University of Maryland)  
*Dissertation*: Biosynthesis of the Antibiotic Spectinomycin  
*Field of Specialization*: Pharmacy
- Robert Allan Martin, Willoughby  
B.S. Ed., B.Mus., M.A.  
*Dissertation*: Individual Reward Preferences and Effort on School Tasks  
*Field of Specialization*: Psychology
- Madan Lal Mathur, Jodhpur, India  
B.V.Sc. and A.H. (Punjab University); M.V.Sc. (University of Madras)  
*Dissertation*: An Ultrastructural Study of the Functional Cytology of the Normal Parathyroid Glands in Nonlaying and Laying Hens, *Gallus domesticus*  
*Field of Specialization*: Veterinary Anatomy
- Larry McLaine Maupin, Kingston, Tenn.  
B.A. (University of Tennessee)  
*Dissertation*: George Granville's Importance to Four Literary Traditions of the Restoration and Eighteenth Century  
*Field of Specialization*: English
- Roger Cletus May, East Palestine  
B.S.E. in Met. Engr. (University of Michigan)  
*Dissertation*: The Electrochemistry of Titanium in Acid Solutions and Its Relation to Stress Corrosion Cracking  
*Field of Specialization*: Metallurgical Engineering
- \*Garth Albert McCann, Oxford  
B.A. (University of Hawaii); M.A. (Miami University)  
*Dissertation*: The Persona: Its Development in English Criticism  
*Field of Specialization*: English
- David Meltzer, Poughkeepsie, N. Y.  
B.E.E. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation*: Speech Synthesis by Haar Functions with Comparison to a Terminal Analog Device  
*Field of Specialization*: Electrical Engineering
- Benton Edward Miles, Blacksburg, Va.  
B.S., M.S. (Virginia Polytechnic Institute)  
*Dissertation*: The Measurement of the Perceptions of Distributive Education as a Training Program Held by Distributive Education Students and Training Sponsors  
*Field of Specialization*: Education
- Robert Eugene Mitchell, Omaha, Neb.  
B.A. (Creighton University); M.A.  
*Dissertation*: Personality Correlates of Frequent Marijuana and Alcohol Use in a College Male Population  
*Field of Specialization*: Psychology
- Leo Carl Moody, Clinton, N. Y.  
B.A., M.S. (Virginia Polytechnic Institute); A.M. (Harvard University)  
*Dissertation*: Aleksandr Solzenicyn's Prose: A Study of Phraseology and Characterization  
*Field of Specialization*: Slavic Languages and Literatures
- Richard James Moriarty, Windsor, Ont., Canada  
B.A. (Assumption University of Windsor); M.A. (University of Windsor); M.Ed. (Wayne State University)  
*Dissertation*: The Organizational History of the Canadian Intercollegiate Athletic Union Central (CIAUC) 1906-1955  
*Field of Specialization*: Physical Education
- Kenneth Jove Myers, Akron  
B.S. in E.E., B.S. (University of Akron); M.S.  
*Dissertation*: Luminance Additivity for Chromatic Grating Stimuli  
*Field of Specialization*: Biophysics
- Kenneth Wayne Narducy, Oaklawn, Ill.  
B.A. (Wartburg College)  
*Dissertation*: Equilibrium Constants for the Reaction of Ethylenediamines with Acetone and Isobutyraldehyde. Rate Constants for the Catalysis of the Dedeuteration of Isobutyraldehyde-2-d by Ethylenediamines  
*Field of Specialization*: Chemistry
- William Charles Nelson, Hawley, Minn.  
B.S. (North Dakota State University); M.A. (University of Arizona)  
*Dissertation*: An Economic Analysis of Fertilizer Utilization in Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Harold Meredith Nestor, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Development of Operational Criteria for a State Governing Agency for Two-Year, Post-Secondary, Career-Oriented Technician Education in Ohio  
*Field of Specialization*: Education

\* Degree granted in cooperation with Miami University

- Emem Ufot Nwa, Oniong-Eket, Nigeria  
B.S. (California State Polytechnic College);  
M.S. (Michigan State University)  
*Dissertation*: A Fundamental Mathematical Simulation  
of Watersheds  
*Field of Specialization*: Agricultural Engineering
- William Richard O'Brien, Xenia  
M.E. (Stevens Institute of Technology); M.B.A.  
*Dissertation*: A Cost-Effectiveness Approach to Analysis  
of the Process of Allocating Scarce Manpower Resources  
to Perform General Systems Engineering and Technical  
Direction  
*Field of Specialization*: Business Administration
- John Willis O'Hara, Berea  
B.S. (Defiance College); M.A.  
*Dissertation*: Dimensional Interaction and Its Effect on  
Salience in Concept Identification  
*Field of Specialization*: Psychology
- Ronald Ray Partridge, Athens  
B.S.Ed., M.Ed. (Ohio University)  
*Dissertation*: A Study of the University Council for  
Educational Administration with Regard to Its Origin,  
Development, and Perceived Influence on Member  
Institutions  
*Field of Specialization*: Education
- William Frank Pickard, Flint, Mich.  
B.S. (Western Michigan University); M.S.W. (University  
of Michigan)  
*Dissertation*: A Survey of the Literature Pertaining to  
the Academic Achievement of Black Students; A Case  
for Open Admissions  
*Field of Specialization*: Education
- Terry James Puckett, Germantown, Tenn.  
B.S. (Millsaps College); M.S. (Mississippi Southern  
College)  
*Dissertation*: Implementing and Assessing Instruction  
via Instructional Systems and Behavioral Objectives  
*Field of Specialization*: Education
- Robert Charles Radcliffe, Painesville  
B.B.A. (Ohio University); M.B.A.  
*Dissertation*: Determinants of the Marketability of Large  
Blocks of Common Stocks  
*Field of Specialization*: Business Administration
- Trikur Anantharaman Ramanarayanan, Kerala, India  
B.E. (Indian Institute of Science); B.Sc. (University of  
Kerala); M.S.  
*Dissertation*: Electrochemical Determination of the  
Diffusivity and Solubility of Oxygen in Liquid Tin and  
Solid Silver  
*Field of Specialization*: Metallurgical Engineering
- John David Rawn, Columbus  
B.S. (Capital University); M.S.  
*Dissertation*: Problems in Kinetics and Conformational  
Analysis  
*Field of Specialization*: Chemistry
- Allan Russell Raymond, Plymouth  
A.B. (Bowdoin College); M.A.  
*Dissertation*: The Political Career of Cadwallader Colden  
*Field of Specialization*: History
- Michael Joseph Reddy, Stockport, England  
B.A. (University of Manchester); Lic. Philosophy, Lic.  
Theology (Heythrop College, Oxford University); M.A.  
*Dissertation*: Interaction Testing in the Measurement of  
Marital Disturbance  
*Field of Specialization*: Psychology
- George William Reeser, Cullowhee, N. C.  
B.S.Ed., M.A.Ed. (Ball State University)  
*Dissertation*: The Relative Effectiveness of Selected  
Instructional Media for Stimulating Student Awareness  
of and Interest in the Construction Industry  
*Field of Specialization*: Education
- Don Scott Rhines, Cincinnati  
B.Eng.Phys. (Cornell University)  
*Dissertation*: Observation of Rho-Omega Interference in  
p p Annihilation at 2.32 GeV/c  
*Field of Specialization*: Physics
- Emory Hunt Richards, Johnson City, Tenn.  
B.A. (Denison University); M.B.A. (Harvard University)  
*Dissertation*: An Investigation of the Relationship of  
Participation in Off-Job Activities to the Promotability of  
Middle Managers in Medium-Size Manufacturing Firms  
*Field of Specialization*: Business Administration
- Frank Stephen Riddel, Shoals, W. Va.  
B.A., M.A. (Marshall College)  
*Dissertation*: Related Aspects of the Social and Economic  
Problems, Cultural Tradition, and Educational System of  
Rural Appalachia: An Analysis Based on the Concept of  
Scale  
*Field of Specialization*: Education
- William Kenney Roach, Columbus  
B.S. (Saint Louis University)  
*Dissertation*: A Revision of the Genus *Hilara* in Eastern  
North America (Diptera: Empididae)  
*Field of Specialization*: Entomology
- Higdon C. Roberts, Jr., Bloomington, Ind.  
A.B., M.Ed. (University of Cincinnati); M.A. (Miami  
University)  
*Dissertation*: Private Benefits and the Cohesion of  
Voluntary Associations: A Field Test of the Theory of  
Collective Action  
*Field of Specialization*: Political Science
- Eugene Wallace Rork, Springfield  
B.S., M.S.  
*Dissertation*: Mössbauer-Effect Studies of Gadolinium  
and Disprosium Nuclei  
*Field of Specialization*: Physics
- John Patrick Ryan, Jr., Yonkers, N. Y.  
B.A. (Fordham University); M.A.  
*Dissertation*: Phillip Melancthon and the Diplomacy of  
Humanism; 1531-1540  
*Field of Specialization*: History
- Robert Reese Safford, Jr., Columbus  
B.I.E., M.S.  
*Dissertation*: Visual Spare Capacity in Automobile  
Driving and Its Sensitivity to Carboxyhemoglobin  
*Field of Specialization*: Industrial Engineering

Gerald Lang Salamon, Chicago, Ill.  
B.S. (University of Illinois)  
*Dissertation:* A Comparison of the Accounting and Internal Rates of Return of Firms with Non-Negative Growth Rates and Infinite Lives  
*Field of Specialization:* Accounting

Margaret Elizabeth Sayers, Edison  
B.A. (Capital University); M.A.  
*Dissertation:* The Destruction of Myth in *Cien Años de Soledad*  
*Field of Specialization:* Romance Languages

Donald Bruce Schewe, Lincoln, Neb.  
A.B., M.A. (University of Nebraska)  
*Dissertation:* A History of the Postal Savings System in America, 1910-1970  
*Field of Specialization:* History

Roger Clark Schiobin, West Hempstead, N. Y.  
B.A. (Long Island University); M.A. (University of Wisconsin)  
*Dissertation:* The Turke & Gowin, the Marriage of Sir Gawaine, and the Grene Knight: Three Editions with Introductions  
*Field of Specialization:* English

John Paul Schoessler, Kent  
B.S. in Opt., O.D., M.S.  
*Dissertation:* Disparity Induced Vergence Responses in Normal and Strabismic Subjects  
*Field of Specialization:* Physiological Optics

Eldon Carl Schriner, Attica  
B.S. Agr., M.S.  
*Dissertation:* The Family Social Network and Parental Encouragement for Higher Education  
*Field of Specialization:* Sociology

Nicholas Andrew Sharp, Overland Park, Kan.  
B.A. (University of Kansas); M.A.  
*Dissertation:* Shakespeare's Baroque Comedy: *The Winter's Tale*  
*Field of Specialization:* English

Thomas Dean Shockney, Ashland  
B.S. in Edu., M.A. in Edu. (Ball State University)  
*Dissertation:* Interpersonal Perceptions within the Student Teaching Triad  
*Field of Specialization:* Education

Jerry Lee Silver, Cincinnati  
B.S.Phys.  
*Dissertation:* A Continuous Nonlinear Programming Problem  
*Field of Specialization:* Industrial Engineering

Virendra Kumar Singh, Utter Pradesh, India  
B.Sc., M.Sc. (Agra University); M.S.  
*Dissertation:* The IgG Immunoglobulins of Bovine Colostrum and Milk: Selected Biochemical and Antimicrobial Properties  
*Field of Specialization:* Dairy Technology

Douglas Duane Smith, Pocatonia, Ill.  
B.S. (Wisconsin State University); M.S. (Rensselaer Polytechnic Institute)  
*Dissertation:* A Study of Learner Characteristics and Computer Assisted Instruction Decision Making  
*Field of Specialization:* Education

Richard Emmanuel Smith, New Amsterdam, Guyana  
B.A. (Inter American University of Puerto Rico); B.D. (Waterloo Lutheran University); M.A.  
*Dissertation:* A Study of the Correspondences between the *Roman de Renard*, Jamaican Anansi Stories, and West African Animal Tales Collected in Culture Area V  
*Field of Specialization:* English

Le Minh Son, Saigon, Vietnam  
B.A. (Fordham University)  
*Dissertation:* Teaching: A Logical Analysis and an Epistemological Investigation  
*Field of Specialization:* Education

Charles Robert Sperati, Wilmington, Del.  
B.A. (Luther College)  
*Dissertation:* I. Spectral Properties of Some Tetragonal Nickel (II) Complexes II. Synthesis and Characterization of Some Tetradentate Macrocyclic Complexes of Chromium  
*Field of Specialization:* Chemistry

Larry Allen Standridge, Columbus  
B.A. (Baylor University); M.R.E. (Southwestern Baptist Theological Seminary)  
*Dissertation:* An Analysis of Teaching in the Extension Centers of the Southern Baptist Seminaries  
*Field of Specialization:* Education

Richard Alan Stimson, Dayton  
Mech. Engr. (University of Cincinnati); M.B.A.  
*Dissertation:* Professional Engineer Attitudes toward Collective Action, Collective Bargaining and Unionism  
*Field of Specialization:* Business Administration

Dennis Paul Stombaugh, Bryan  
B.Agr.E., M.S.  
*Dissertation:* Temperature Regulation in Piglets with Hypothalamic Implants  
*Field of Specialization:* Agricultural Engineering

Sophia Ruei Su, Taipei, Taiwan  
B.Sc. (Taiwan Normal University); M.S.  
*Dissertation:* Study of Reactions of Transition Metal Alkyl, Alkenyl, and Alkynyl Complexes with Tetracyanoethylene  
*Field of Specialization:* Chemistry

Sudjoko, Bandung, Indonesia  
Sardjana (University of Indonesia); M.A. (University of Chicago)  
*Dissertation:* Art Education for Economic Development  
*Field of Specialization:* Art Education

Betty Jo Sullivan, Pennsboro, W. Va.  
B.S.H.E. (West Virginia University); M.S. (Michigan State University)  
*Dissertation:* Effects of Type and Level of Dietary Fat on Excretion of Fecal Steroids in Normal Young Women  
*Field of Specialization:* Home Economics

- Joyce Reed Sullivan, Stow  
B.S.Educ., M.A. (Kent State University)  
*Dissertation*: Characteristics Pertaining to the Selection of Dating and Marital Partners as Perceived by College Students and Their Parents  
*Field of Specialization*: Home Economics
- Luke Joel Swabb, Jr., Pittsburgh, Pa.  
B.A. (Muskingum College); M.A.  
*Dissertation*: The Rhetorical Theory of Rev. Joseph Ruggles Wilson, D.D.  
*Field of Specialization*: Speech Communication
- Stephen Eugene Taylor, Akron  
B.A. (College of Wooster)  
*Dissertation*: Free Will and Determinism: A Defense of Libertarianism  
*Field of Specialization*: Philosophy
- Joseph Richard Tebben, Moline, Ill.  
B.A. (Duquesne University); M.A. (University of Pittsburgh)  
*Dissertation*: A Metrical and Lexical Study of the Homeric Hymns  
*Field of Specialization*: Classics
- David Linden Thorsell, Duluth, Minn.  
B.A. (University of Minnesota)  
*Dissertation*: Part I — Electron Paramagnetic Resonance Studies of  $Gd^{3+}$  in Single Crystals. Part II — An EPR Investigation of Deuterium Isotope Effects on the Zero-Field Splittings of Optically Excited Triplet Molecules in Single Crystals at 77K  
*Field of Specialization*: Chemistry
- Larry Gene Traub, West Bend, Ia.  
B.S., M.S. (South Dakota State University)  
*Dissertation*: Economic Factors Affecting Ohio's Processing Tomato Harvest and Supply  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Chieh-Hsin Tseng, New Village, Taiwan  
B.S., M.S. (Taiwan Provincial Chung-Hsing University)  
*Dissertation*: The Consumption and Demand for Soybeans in Taiwan, China  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Carroll Phillip Vance, Johnson City, Tenn.  
B.S. (East Tennessee State University)  
*Dissertation*: The Effect of Ethanol and Other Low Molecular Weight Alcohols on Phenols and Phenol Oxidizing Enzymes in *Armillaria mellea* (Vahl) Qual. in Relation to Growth and Rhizomorph Development  
*Field of Specialization*: Plant Pathology
- Jerome Allen Vigil, Chicago, Ill.  
B.S., M.S. (DePaul University)  
*Dissertation*: Accessories to the Ten-Meter Czerny-Turner Spectrograph and Spectral Resolution Achieved in the Near Infrared—Study of Bands of Oxygen-18 Enriched Carbon Dioxide  
*Field of Specialization*: Physics
- Aurele Joseph Violette, Kettering  
B.A. (Bowdoin College); M.A.  
*Dissertation*: Russian Naval Reform, 1855-1870  
*Field of Specialization*: History
- Lorin Victor Waitkus, Cleveland Heights  
B.S.Ed. (State Teachers College at California, Pennsylvania); M.Ed. (Pennsylvania State University)  
*Dissertation*: Conceptualizing a Body of Knowledge of Solid Materials Processing with Implications for Curriculum Development  
*Field of Specialization*: Education
- Lawrence Alan Walchli, Fairborn  
B.S.M.E. (Case Institute of Technology); M.S.  
*Dissertation*: An Experimental Study of a Complete Expansion  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Fred Harold Wallbrown, Athens  
B.S. Ed., M.Ed. (Ohio University)  
*Dissertation*: A Validity Study of the Wallach-Kogan Creativity Test: The Prediction of Six Concurrent Criteria in Visual Art  
*Field of Specialization*: Psychology
- Gerald Lee Wasmer, College Place, Wash.  
B.S., M.A. (Walla Walla College)  
*Dissertation*: A Numerical Phenetic Study of the Bryobiine Spider Mites (Acari: Tetranychidae)  
*Field of Specialization*: Entomology
- Armin David Weinberg, Cleveland  
B.S.  
*Dissertation*: An Analysis of the Growth and Differentiation of the Plica Semilunaris Oculi in Man in Relation to the Ocular Conjunctiva  
*Field of Specialization*: Anatomy
- Daniel Eugene Wetzel, Cedarville  
B.S. (Morehead State College); M.S. (University of Cincinnati)  
*Dissertation*: Operation, Diagnostics and Spectrographic Analysis of a Disc Shaped Plasma Focus  
*Field of Specialization*: Physics
- Nathaniel Miller White, Cumberland, R. I.  
A.B. (Earlham College); M.S.  
*Dissertation*: Near Infrared Photoelectric Photometry of M Type Supergiants  
*Field of Specialization*: Astronomy
- William Pope White, Jr., Mobile, Ala.  
B.S. in Chem. (Auburn University)  
*Dissertation*: The Identification and Characterization of the Excited Electronic States of the CF Molecule  
*Field of Specialization*: Chemistry
- Robert McKay Wilhelm, Tavistock, Ont., Canada  
B.A. (McMaster University); M.A.  
*Dissertation*: The Georgics: A Study of the Emergence of Augustus as *Moderator Rei Publicae*  
*Field of Specialization*: Classics
- Paul Lawrence Wilkens, Seville  
B.S. in Bus.Ad. (Bowling Green State University); M.B.A.  
*Dissertation*: An Analysis of the Attitudinal and Behavioral Impact of a Human Resource Information System  
*Field of Specialization*: Business Administration

- Elizabeth Awad Williams, Brooklyn, N. Y.  
 B.S. (Bucknell University)  
*Dissertation: The Chemistry of cis- and trans-Bicyclo*  
*[n.1.0] alkan-2-ols*  
*Field of Specialization: Chemistry*
- Harry Jennings Williams, Jr., Steubenville  
 B.S.Ed.; M.Ed. (Kent State University)  
*Dissertation: A Comparison of the Involvement of*  
*Elementary School Principals in Four States with*  
*Legislatively Defined Roles for Principals in Negotiations*  
*with the Involvement of Principals in Ohio where*  
*Involvement of Elementary School Principals Is Not Yet*  
*Legislated*  
*Field of Specialization: Education*
- Richard Darby Williams, Jr., Mansfield  
 B.A., M.A.  
*Dissertation: Poeta Ludens: Explorations in the Theory of*  
*Art as Play*  
*Field of Specialization: English*
- Lei Yen, Taipei, Taiwan  
 B.S. (National Taiwan University)  
*Dissertation: Infrared Studies of Metal Proteins*  
*Field of Specialization: Physiological Chemistry*
- Warren Melvin Young, Massillon  
 B.S. (Case Institute of Technology); M.S.  
*Dissertation: A Photometric Study of Stars with*  
*Composite Spectra*  
*Field of Specialization: Astronomy*
- Lois Joy Youngen, Seville  
 B.S. in Ed. (Kent State University); M.A. (Michigan  
 State University)  
*Dissertation: Attitudes toward Physical Activity as a*  
*Function of the Approval Motive in First-Year College*  
*Women*  
*Field of Specialization: Physical Education*
- Phillip Raymond Zurbrick, La Grande, Ore.  
 B.S. (Oregon State University); M.Agr.Ed. (University  
 of Arizona)  
*Dissertation: Effectiveness of a Teacher Reference*  
*Utilizing an Inductive Mode and Principles Approach*  
*with High School Vocational Agriculture Students*  
*Field of Specialization: Agricultural Education*

**Master of Architecture**

One candidate

Richard Allen Badham,  
Puyallup, Wash.  
B.A. (Washington State University)  
*Field of Specialization:* Architecture

**Master of Arts**

One hundred and seventy-five candidates

Bern Eric Anderson, Barrington,  
N. H.  
B.A. (University of New Hampshire)  
*Field of Specialization:* Psychology

Elizabeth Marks Anderson,  
Worthington  
A.B. (Central Michigan University)  
*Field of Specialization:* Education

Kathleen Phyllis Anderson, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Margaret Mary Armbrust, Cincinnati  
B.S. in Design (University of  
Cincinnati)  
*Field of Specialization:* History of  
Art

Kim Douglas Ashley, Geneva  
B.A. (Miami University)  
*Field of Specialization:* English

Janet Burt Baker, Cleveland  
B.A. (Hiram College)  
*Field of Specialization:* English

George Dana Barber, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

John Arthur Barr, Westerville  
B.A. (Muskingum College)  
*Field of Specialization:* Physical  
Education

James Bruce Rattles, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Robert James Bauer,  
West Englewood, N. J.  
B.A. (Don Bosco College)  
*Field of Specialization:* English

Dennis Edward Bayley,  
Casino, Australia  
B.A., Dip.Ed. (University of New  
England)  
*Field of Specialization:* Economics

Joanna River Bethel, Chillicothe  
A.B. (Ohio University)  
*Field of Specialization:* Public  
Administration

Richard Steward Blackenberry,  
Columbus  
B.S.Bus.Adm. (Franklin University)  
*Field of Specialization:* Public  
Administration

Gene Edward Bowman, Lexington  
B.S.Ed.  
*Field of Specialization:* Education

Roberta Juday Brockhaus,  
Garland, Tex.  
B.A. (University of Texas)  
*Field of Specialization:* German

John Roggie Brown,  
Charleston, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization:* Psychology

Linda Jean Brown, Columbus  
B.S.  
*Field of Specialization:* Psychology

Grace Weisheimer Brumfield,  
Worthington  
B.S.Ed.  
*Field of Specialization:* Education

Douglas Anthony Burdette, Gahanna  
B.S. (Butler University)  
*Field of Specialization:* Education

Frederick T. Burkey, Ashland  
B.A. (Ashland College); B.D.  
(Ashland Theological Seminary);  
M.R.E. (Southern Baptist Theological  
Seminary)  
*Field of Specialization:* Education

Silvana Mary Camboni, Columbus  
B.A.Jour.  
*Field of Specialization:* Journalism

Julianne McManemin Campbell,  
Greenville  
A.B. (Western Kentucky University)  
*Field of Specialization:* Speech  
Communication

Paul Gerald Carlson, Greenwood, Ind.  
B.A. (Cedarville College)  
*Field of Specialization:* Education

Juliana Kropp Centner, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Wallace Chandler, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Diane McWilliams Chenoweth,  
Fort Collins, Colo.  
B.A. (Clarke College)  
*Field of Specialization:* Psychology

Robert William Cochrane,  
Eau Claire, Wis.  
A.B. (Stanford University)  
*Field of Specialization:* History

James Michael Cooper,  
Newburgh, N. Y.  
B.A. (State University College of  
New York at Buffalo)  
*Field of Specialization:* Romance  
Languages

Joyce Ann Cordell, Springfield  
B.A. (Oakwood College)  
*Field of Specialization:* Speech  
Communication

Vivian Eileen Crisp, Columbus  
B.S. in Edu. (Capital University)  
*Field of Specialization:* Education

Robert Settimio Cupello,  
Rochester, N. Y.  
B.A. (Saint John Fisher College)  
*Field of Specialization:* Romance  
Languages

Grover Craig Curry, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

James Ralph Cybulski, Parma  
A.B. (Borromeo Seminary of Ohio)  
*Field of Specialization:* Classics

Mary Ann Daniels, Osbkosh, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Physical  
Education

Joseph Melvin Davis,  
University Heights  
B.S.Bus.Adm.  
*Field of Specialization:* Education

Robert Hamilton Davis, Columbus  
B.A.  
*Field of Specialization:* Speech  
Communication

Edward Eugene Debiec,  
Poughkeepsie, N. Y.  
B.S.Ed.  
*Field of Specialization:* Theatre

Irma de Leon, San Antonio, Tex.  
B.A. (Incarnate Word College)  
*Field of Specialization:* English

Gregory Raymond Diffendal,  
Westerville  
B.S.Ed. (Youngstown University)  
*Field of Specialization:* Education

Edward Albert Di Toro,  
Flushing, N. Y.  
A.B. (Saint Joseph College)  
*Field of Specialization:* History

David Arthur Dittman, Cincinnati  
B.A. (University of Notre Dame)  
*Field of Specialization:* Accounting

- Richard Francis Dodd, New Lexington  
A.B. (College of Saint Charles Borromeo)  
*Field of Specialization*: Education
- Alice Gore Dolin, Columbus  
B.A. (Marshall University)  
*Field of Specialization*: English
- Sharon Rae Dorsey, Columbus  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization*: Education
- Patrick Letterle Edsell, Louisville, Ky.  
B.S. (United States Air Force Academy)  
*Field of Specialization*: Economics
- Howard Ronald Epstein, Philadelphia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Psychology
- Edgar Lawrence Erlanger, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Alice Odell Faron, Champaign, Ill.  
A.B. (University of Illinois)  
*Field of Specialization*: Education
- Lynn Patricia Fisher, Glendale, Calif.  
A.B. (Occidental College)  
*Field of Specialization*: Psychology
- John Steven Fitzpatrick, Anaconda, Mont.  
B.A. (University of Montana)  
*Field of Specialization*: Sociology
- Robert Charles Fizer, Ithaca, N. Y.  
B.A. (Ithaca College)  
*Field of Specialization*: Education
- Carolyn Ferrell Flenner, Columbus  
B.S.Ed.  
*Field of Specialization*: Speech Communication
- Albert William Flores, Eastlake  
A.B. (Cleveland State University)  
*Field of Specialization*: Philosophy
- James Wilson Fry, Canton  
B.A. (Milligan College)  
*Field of Specialization*: History
- Linda Martinson Gartman, Columbus  
B.A.  
*Field of Specialization*: Psychology
- Monica Baciu Gergen, Columbus  
Examen de Stat (University of Bucharest)  
*Field of Specialization*: Romance Languages
- Ellen Marie Gerlitz, Springfield  
A.B. (Indiana University)  
*Field of Specialization*: German
- Jo Holt Goehl, Columbus  
B.A.  
*Field of Specialization*: Education
- Joseph Aaron Goodrich, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Gordon Lee Groby, Lancaster  
A.B. (Western Maryland College); S.T.B. (Boston University)  
*Field of Specialization*: Philosophy
- John George Hartung, Minneapolis, Minn.  
B.A. (Saint Paul Seminary)  
*Field of Specialization*: Psychology
- Ruth Ann Hebbert, Scotland, S. D.  
B.A. (South Dakota State University)  
*Field of Specialization*: German
- Jann Kathryn Heffner, Columbus  
B.A. (University of Washington)  
*Field of Specialization*: Education
- Kurt Karl Hendel, St. Joseph, Mich.  
B.A. (Concordia Senior College); R.D. (Concordia Seminary)  
*Field of Specialization*: History
- Sarah Ann Hill, Columbus  
B.S. (Bethany College)  
*Field of Specialization*: Psychology
- Richard Alan Hobbie, Eastlake  
B.A.  
*Field of Specialization*: Economics
- John Howard, Jr., Columbus  
B.S.Ed. (University of Cincinnati)  
*Field of Specialization*: Education
- William Samuel Jacobs, Brooklyn, N. Y.  
A.B. (University of Rochester)  
*Field of Specialization*: Philosophy
- Brent Niel Jacobsen, Heber City, Utah  
B.A. (Brigham Young University)  
*Field of Specialization*: History
- Ann Woodward James, Columbus  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization*: Education
- Paul Alex Jenkins, Columbus  
B.A. (Anderson College)  
*Field of Specialization*: Education
- John Charles Johns, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Education
- John Sherman Johnson, Groveport  
B.S.Ed.  
*Field of Specialization*: Education
- Alene Smith Jones, Mansfield  
B.S.Ed. (Wilberforce University)  
*Field of Specialization*: Education
- Richard Thomas Jurasek, Lorain  
A.B. (Ohio University)  
*Field of Specialization*: German
- Eunice Justice, Columbus  
A.B. (Morehead State College)  
*Field of Specialization*: Education
- William John Kilkenny, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Larry Lee Kleinhenz, Dayton  
B.F.A., B.S.Ed.  
*Field of Specialization*: Education
- Susan Levin Kline, Columbus  
B.A. (University of Texas)  
*Field of Specialization*: Education
- James Robert Kneip, Lancaster, Pa.  
B.A. (Franklin and Marshall College)  
*Field of Specialization*: History
- Thomas John Knesner, Garfield Heights  
B.A.  
*Field of Specialization*: Economics
- Andrea Post Kopf, Philadelphia, Pa.  
B.A. (Bryn Mawr College)  
*Field of Specialization*: Public Administration
- David William Krapp, Columbus  
B.F.A.  
*Field of Specialization*: Art
- Doris Austin Krasik, Columbus  
B.A. (Marietta College)  
*Field of Specialization*: Education
- Loretta Cerrone Kreps, Columbus  
B.S. in Ed. (University of Akron)  
*Field of Specialization*: Education
- Patricia Joan Avery Kroes, Columbus  
B.A. (Denison University)  
*Field of Specialization*: Speech Communication
- Barbara A. Krysa, Parma  
B.A. (Muskingum College)  
*Field of Specialization*: Psychology
- Samuel Neil Ladrach, Washington Court House  
B.S.  
*Field of Specialization*: Psychology
- David Dale Lee, Westchester, N. Y.  
B.A. (Miami University)  
*Field of Specialization*: History

- Curtis Levi Lewis, Columbus  
B.S.Bus.Adm. (Franklin University)  
*Field of Specialization:* Education
- Alicia Dawn Lloyd, Rome, N. Y.  
A.B. (Oberlin College)  
*Field of Specialization:* East Asian Languages
- Edwin Michael Loovis, Columbus  
B.A. (Shepherd College)  
*Field of Specialization:* Physical Education
- Nidia Tiru Lopez,  
Mayaguez, Puerto Rico  
B.A. (University of Puerto Rico)  
*Field of Specialization:* English
- Helen Marie Lynum, Cleve  
B.A. (Wellesley College)  
*Field of Specialization:* Psychology
- Kurt Max Malkoff, Youngstown  
B.A.  
*Field of Specialization:* Education
- Dorothy Feeny Matthews, Columbus  
B.A. (Duke University)  
*Field of Specialization:* Psychology
- Robert Christopher McCafferty,  
Columbus  
B.S. (College of Steubenville)  
*Field of Specialization:* Education
- Roy McClelland, Columbus  
B.S. (Central State College)  
*Field of Specialization:* Education
- John Keith McHenry, Wheelersburg  
B.S. (Ohio University)  
*Field of Specialization:* Psychology
- Wayne Edward Mehl, Columbus  
B.A.  
*Field of Specialization:* History
- Thomas Vincent Merluzzi,  
New Britain, Conn.  
B.A. (Central Connecticut State College)  
*Field of Specialization:* Psychology
- Jeffrey Edward Mirel, Beachwood  
B.A.  
*Field of Specialization:* Education
- Dora Hall Mitchum, Columbus  
B.A. (Wilberforce University)  
*Field of Specialization:* Education
- Herman Stephen Moeller, Cincinnati  
B.S. in Ed. (Otterbein College)  
*Field of Specialization:* Physical Education
- Donald William Moffat, Columbus  
B.S.Ed.  
*Field of Specialization:* Speech Communication
- Robert Dana Moorehead, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Education
- Robert Frederick Musson, Columbus  
B.A.Jour.  
*Field of Specialization:* Journalism
- Carol Ruth Nechemias, Cincinnati  
A.B. (Washington University)  
*Field of Specialization:* Political Science
- Ronald Martin Newberg, Beachwood  
B.A.  
*Field of Specialization:* Education
- Neal Peter Newman, New York, N. Y.  
A.B. (Earlham College)  
*Field of Specialization:* Psychology
- Hassan Adam Noor,  
Geneva, Switzerland  
B.A. (University of Colorado)  
*Field of Specialization:* Economics
- Kenneth Frank Oblak, Stow  
B.A. (Hiram College)  
*Field of Specialization:* History
- Mieko Ohso, Oku-Gun, Japan  
B.A., M.A. (International Christian University, Japan)  
*Field of Specialization:* Linguistics
- Thomas John Olander  
Milwaukee, Wis.  
B.S. (Marquette University)  
*Field of Specialization:* Journalism
- Robert Terrence Olbrysh, Toronto  
B.A.Jour.  
*Field of Specialization:* Journalism
- Harold Steven Orenstein,  
Levittown, N. Y.  
B.A. (State University of New York at Stony Brook)  
*Field of Specialization:* Slavic Languages
- Margaret Schwartz Pasquale,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jimmy Jay Payton, Dayton  
B.S. (Otterbein College)  
*Field of Specialization:* Economics
- Barbara Jones Pettit, Newark  
B.S.Ed.  
*Field of Specialization:* Education
- Mary Lou Pfeifer, Springfield  
A.B. (Asbury College)  
*Field of Specialization:* Education
- John Joseph Plahovinsak, Oxford  
B.A. (Rider College); M.A. (Miami University)  
*Field of Specialization:* Journalism
- Susan Smart Porterfield, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Mary Jeanne Quinlivan, Carnegie, Pa.  
B.A. (University of Dayton)  
*Field of Specialization:* Psychology
- Sarah Edmonds Richards,  
Homestead, Fla.  
B.S.Ed. (Miami University)  
*Field of Specialization:* Romance Languages
- Rodney Paul Riegler, Lima  
B.A. (Wittenberg University)  
*Field of Specialization:* Education
- Charles Donald Rogers, Columbus  
B.A. (Los Angeles State College)  
*Field of Specialization:* Education
- Marsha Shapiro Rose, Columbus  
B.A. (Roosevelt University)  
*Field of Specialization:* History
- Jean Littlejohn Rouse, Columbus  
B.Mus. (University of North Carolina)  
*Field of Specialization:* Music
- Joseph Richard Ruffino,  
Rochester, N. Y.  
B.A. (Saint John Fisher College)  
*Field of Specialization:* Romance Languages
- Stanley William Russell,  
Charleston, S. C.  
A.B. (The Citadel)  
*Field of Specialization:* Political Science
- Paula Ruth Sachs, Cleveland  
B.A. (University of Cincinnati)  
*Field of Specialization:* Psychology
- Ute Helene Shepherd St. Clair,  
Columbus  
B.A.  
*Field of Specialization:* Philosophy
- Marcia Jo Sanders, Worthington  
B.S.Edu. (Otterbein College)  
*Field of Specialization:* Education
- Thomas Jerome Schaeper,  
Covington, Ky.  
A.B. (Thomas More College)  
*Field of Specialization:* History
- Deborah Ann Schmidt,  
Kaukauna, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization:* Linguistics
- James Owen Schwarz, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical Education

Celia Ann Sgroi, Fulton, N. Y.  
B.A. (State University of New York  
at Oswego)

*Field of Specialization: German*

Eva Hanski Shinar, Jerusalem, Israel  
B.A. (Hebrew University of  
Jerusalem)

*Field of Specialization: Psychology*

Yvonne Veeley Shively, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Jonathan Carl Siehl, Pittsburgh, Pa.  
B.A. (Muskogum College), B.D.

(Pittsburgh Theological Seminary)  
*Field of Specialization: Philosophy*

Mary Jeannette Sirridge,  
Prairie Village, Kan.

B.A. (Saint Mary's College)

*Field of Specialization: Philosophy*

Jonathan Smilansky,  
Ramat-Hashron, Israel

B.A. (Tel Aviv University)

*Field of Specialization: Psychology*

Timothy Daly Smith, Zanesville  
B.A.

*Field of Specialization: Journalism*

Elizabeth Anne Spangler, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Wesley Eugene Spreen, Sidney

B.A. (Ohio Wesleyan University)

*Field of Specialization: Economics*

Theodore M. Stanger, Worthington  
A.B. (Princeton University)

*Field of Specialization: Journalism*

Janice Margaret Stewart, Columbus  
B.S.Ed. (Ohio University)

*Field of Specialization: Education*

Helen Campbell Stomberg, Delaware  
B.A. (Kent State University)

*Field of Specialization: Education*

Marcia Fenn Story, Columbus  
A.B. (Salve Regina College)

*Field of Specialization: Romance  
Languages*

Mary Sydir, Cleveland  
B.A.

*Field of Specialization: Romance  
Languages*

Harold Allan Taggart, Wellsville  
B.S.Ed. (Kent State University)

*Field of Specialization: History*

Juliet Kathleen Taylor, Worthington  
B.S.Soc.Wel.

*Field of Specialization: Psychology*

Verta Ann Taylor, Jonesboro, Ark.  
B.A. (Indiana State University)

*Field of Specialization: Sociology*

Janet Sue Tellman, Lorain

B.A. (Muskogum College)

*Field of Specialization: Education*

Patricia Ann Terpack, Struthers

B.A. (Miami University)

*Field of Specialization: History*

Will Carter Thomas, Jr., Lima

B.S.Ed.

*Field of Specialization: Education*

Patricia Anderson Velotta,

Colorado Springs, Colo.

B.S.Ed.

*Field of Specialization: Speech*

*Communication*

Theodore Clarence Wagenaar,

Byron Center, Mich.

A.B. (Calvin College)

*Field of Specialization: Sociology*

Paul Willis Ward, Jr., Hilliard

B.S. in Educ. (Capital University)

*Field of Specialization: Physical*

*Education*

M. Elaine Warren, Columbus

B.A. (Capital University)

*Field of Specialization: Education*

David John Hopetoun Watson,

Brisbane, Australia

B.Com. (University of Queensland)

*Field of Specialization: Accounting*

Jerry Joseph Waxman, Miami, Fla.

B.A. (Florida State University)

*Field of Specialization: Sociology*

Margaret Roberts Wehner, Columbus

B.S.Nurs.

*Field of Specialization: Education*

John Joseph Wellnitz, Columbus

B.A., B.S.Ed.

*Field of Specialization: Education*

Martha Dimick White, Columbus

B.S.Ed.

*Field of Specialization: Education*

Redge Arthur Wilde, Bay Village

B.S.Ed.

*Field of Specialization: Physical*

*Education*

Carolyn Jean Willey, Barberton

B.S. (Kent State University)

*Field of Specialization: Education*

Monalee Ward Williams, Columbus

B.S.Ed. (Ohio University)

*Field of Specialization: Education*

Jane Louise Winer, Falls Church, Va.  
B.A., M.L.S. (State University of  
New York at Albany)

*Field of Specialization: Psychology*

Carolyn Clare Woodside, Sharon, Pa.  
B.S. (University of Pittsburgh)

*Field of Specialization: Psychology*

Yine-Shen Magdalene Yang,

Taipei, Taiwan

B.A. (National Taiwan University)

*Field of Specialization: Sociology*

Martha Jean McVay Yerian, London  
A.B. (Duke University)

*Field of Specialization: Education*

Shui-yuen Yim, Cheung, Hong Kong

B.A. (Chinese University of  
Hong Kong)

*Field of Specialization: History*

Christine Bloom Young, Columbus

B.A. (Miami University)

*Field of Specialization: Psychology*

Peter Joseph Zeyen, Westerville

B.S.Ed.

*Field of Specialization: Education*

*Field of Specialization: Education*

## **Master of Business Administration**

Forty-six candidates

Julius Dalton Albersson,  
San Antonio, Tex.

B.A. (Saint Mary's University of  
San Antonio, Texas)

*Field of Specialization: Business*

*Administration*

Randall Glenn Applegate, Columbus

B.S.Bus.Adm.

*Field of Specialization: Business*

*Administration*

James Patrick Bandy, Youngstown

B.S.Bus.Adm.

*Field of Specialization: Business*

*Administration*

Mark James Bater, Columbus

B.B.A. (Cleveland State University)

*Field of Specialization: Business*

*Administration*

Jon William Bennett, Rochester, N. Y.

B.I.E.

*Field of Specialization: Business*

*Administration*

David Dade Braunagel,

Tallahassee, Fla.

B.S. (Florida State University)

*Field of Specialization: Business*

*Administration*

James Craig Brown, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Winthrop Lawrence Buck, Columbus  
B.A. (Bethany College)  
*Field of Specialization: Business Administration*

Robert Uriel Cheuvront, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Richard Paul Colvin, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Robert Crabb, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Robert William Culbertson, Jr., Dayton  
B.A.A.E.  
*Field of Specialization: Business Administration*

John Robert Dukes, Findlay  
B.E.E., B.S.Phys.  
*Field of Specialization: Business Administration*

William Anthony Earl, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

M'hamed Ali El-Ati, Rades, Tunisia  
Lic. (University of Lausanne, Switzerland)  
*Field of Specialization: Business Administration*

Gary Alan Fate, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Marilyn Yueh-Chin Fu, Taipei, Taiwan  
B.A. (Newton College)  
*Field of Specialization: Business Administration*

Ricardo J. Gomez, Apple Creek  
B.S. (Louisiana State University)  
*Field of Specialization: Business Administration*

James Herschel Hansen, Newark  
B.S.Met.Engr. (Purdue University)  
*Field of Specialization: Business Administration*

James Willard Helms, Grove City  
B.B.A. (Franklin University)  
*Field of Specialization: Business Administration*

John David Huber, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Robert John Jacques, Columbus  
B.A. (Ohio Wesleyan University);  
M.A. (George Washington University)  
*Field of Specialization: Business Administration*

William Ross James, Columbus  
B.E.E. (University of Dayton)  
*Field of Specialization: Business Administration*

Allan Richard Kerze, Marietta  
B.A. (Marietta College)  
*Field of Specialization: Business Administration*

Albert William Landeck, Columbus  
B.S. (University of Illinois)  
*Field of Specialization: Business Administration*

Michael D. Lavelle, Cleveland Heights  
B.Bus.Adm. (University of Notre Dame)  
*Field of Specialization: Business Administration*

Frank Edward Lux, Columbus  
B.S.M.E.  
*Field of Specialization: Business Administration*

Raymond Neil Maddox, Columbus  
B.A.  
*Field of Specialization: Business Administration*

Alan Richard Malkoff, New York, N. Y.  
B.S.Ind.Mgt. (Georgia Institute of Technology)  
*Field of Specialization: Business Administration*

Richard Leroy Metz, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

James Eugene Meyer, Springfield  
B.A. (Wittenberg University)  
*Field of Specialization: Business Administration*

Roger Gene Parrot, Wilmot  
B.S.  
*Field of Specialization: Business Administration*

Darilee Heston Piner, Columbus  
B.A.  
*Field of Specialization: Business Administration*

Gene Paul Reiness, North Versailles, Pa.  
B.S. (Syracuse University)  
*Field of Specialization: Business Administration*

John Alister Russell, Dayton  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Dale Robert Saylor, Youngstown  
B.A. (Bowling Green State University)  
*Field of Specialization: Business Administration*

James Allan Scherocman, Columbus  
B.C.E., M.S.  
*Field of Specialization: Business Administration*

Terry Alfred Scott, Westlake  
B.S. (Business) (Miami University)  
*Field of Specialization: Business Administration*

Russell Evret Simmonds, Cleves  
B.S.Agr.  
*Field of Specialization: Business Administration*

James Emerson Smith, Lancaster  
M.E. (University of Cincinnati)  
*Field of Specialization: Business Administration*

Frederick William Stimler, Cuyahoga Falls  
B.S. in B.A. (John Carroll University)  
*Field of Specialization: Business Administration*

Albert Superczynski, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Pete Triantafillides, Cleveland  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

David Charles Wetmore, Canton  
B.Bus.Adm. (University of Notre Dame)  
*Field of Specialization: Business Administration*

Gary Lee Wilhelm, Glenn Ellyn, Ill.  
B.S.Bus.Adm.  
*Field of Specialization*: Business Administration

Paul Harvey Zinszer, Columbus  
B.S.C.E., M.C.P.  
*Field of Specialization*: Business Administration

#### Master of City Planning

Five candidates

Veena Bhatia, New Delhi, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization*: City and Regional Planning

Robert George Decker, Columbus  
B.S. (Antioch College)  
*Field of Specialization*: City and Regional Planning

Eugenie LaPlante Fellows, Galena  
B.S.Soc.Wel.  
*Field of Specialization*: City and Regional Planning

Duncan Bertrand Sutherland, Jr., Poland  
B.S.  
*Field of Specialization*: City and Regional Planning

Okon William Udo, Institute, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization*: City and Regional Planning

#### Master of Fine Arts

One candidate

Bronwynn Rieppel Hopton, Worthington  
B.S.Ed.  
*Field of Specialization*: Theatre

#### Master of Music

One candidate

Michael Norbert Moore, Columbus  
B.Mus.  
*Field of Specialization*: Music

#### Master of Public Administration

One candidate

David Coleman Peebles, Jr., Cleveland  
B.A. (Loyola University); M.C.P.  
*Field of Specialization*: Public Administration

#### Master of Science

One hundred and sixty-three candidates

Karen Miller Ahijevych, Columbus  
B.S.Nurs.  
*Field of Specialization*: Nursing

Jon Bruce Bader, Westlake  
*Field of Specialization*: Aeronautical and Astronautical Engineering

Judith McLaughlin Bates, Mount Prospect Ill.  
B.A. (Berea College)  
*Field of Specialization*: Pathology

James Lewis Beug, Waukegan, Ill.  
B.A. (Northwestern University)  
*Field of Specialization*: Computer and Information Science

Karen Pauline Boerger, Marysville  
B.S. (Michigan State University)  
*Field of Specialization*: Genetics

Philip Eugene Borgo, Phoenix, Ariz.  
C.E. (University of Cincinnati)  
*Field of Specialization*: Geodetic Science

James Emerson Bowser, New Lebanon  
B.S. Food Tech.  
*Field of Specialization*: Horticulture

Eleanor Louise Brown, Reynoldsburg  
B.S.Nurs.  
*Field of Specialization*: Nursing

Timothy Neil Browning, Columbus  
*Field of Specialization*: Electrical Engineering

William Clayton Bruce, Jr., Columbus  
B.S. (University of Wyoming)  
*Field of Specialization*: Mechanical Engineering

Gregory John Brzytwa, Wickliffe  
B.C.E. (Cleveland State University)  
*Field of Specialization*: Civil Engineering

Judith Higby Budd, Chillicothe  
B.A. (Miami University)  
*Field of Specialization*: Botany

Larry Wilson Burggraf, Cardington  
A.B. (Olivet Nazarene College)  
*Field of Specialization*: Chemistry

Lora Schmidt Cahill, Columbus  
B.S. (Capital University)  
*Field of Specialization*: Pathology

Steven How Calmer, North Olmsted  
B.S.  
*Field of Specialization*: Mineralogy

Kuang-I Chang, Tao-Yuan, Taiwan  
B.S. (Chung Yuan Christian College of Science and Engineering, Taiwan)  
*Field of Specialization*: Mathematics

Thomas David Charles, New Lexington  
B.S.Agr.  
*Field of Specialization*: Agricultural Economics and Rural Sociology

Chin-Heng Chen, Tsoying, Taiwan  
B.S. (Chinese Naval Academy); B.S.E. (Taiwan Cheng Kung University)  
*Field of Specialization*: Mechanical Engineering

In-Sheng Cheng, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization*: Electrical Engineering

Edward Ming-dean Chu, North Point, Hong Kong  
B.S.E.E. (Ohio University)  
*Field of Specialization*: Electrical Engineering

James Stephen Clark, Columbus  
*Field of Specialization*: Welding Engineering

Margaret Harbaugh Coon, Columbus  
B.S.Agr.  
*Field of Specialization*: Horticulture

Charlotte Cordial, Delaware  
B.S.Nurs.  
*Field of Specialization*: Nursing

Violeta Odete de Oliveira Costa, Belem, Brazil  
Bacharel (Universidade Rural do Estado de Minas Gerais, Brazil)  
*Field of Specialization*: Home Economics

<sup>1</sup> Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

<sup>2</sup> Also Bachelor of Electrical Engineering, College of Engineering

<sup>3</sup> Also Bachelor of Welding Engineering, College of Engineering

- Herbert Michael Cox, Columbus  
B.A.  
*Field of Specialization: Mineralogy*
- Fred Allen Custer, Parma  
B.M.E. (Cleveland State University)  
*Field of Specialization: Mechanical Engineering*
- Flora B. Davies, Columbus  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization: Home Economics*
- Robert Neal Deem, Columbus  
B.S. (University of Illinois)  
*Field of Specialization: Industrial Engineering*
- Charlotte Kempton DeGreen, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Home Economics*
- Joel Ronald DeLuca, Fairborn  
B.S. (Bowling Green State University)  
*Field of Specialization: Physics*
- Julius Robert DesCamps, Columbus  
B.S. (Stetson University)  
*Field of Specialization: Geology*
- Michael Albert Dirr, Cincinnati  
B.S.Agr.  
*Field of Specialization: Horticulture*
- David Bruce Disbennett, Columbus  
B.S.  
*Field of Specialization: Zoology*
- Michael Joseph Doherty, Fort Lee, N. J.  
B.S., D.V.M. (Michigan State University)  
*Field of Specialization: Veterinary Medicine*
- Mary Rohovsky Donahue, Westerville  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Dale Allen Draudt, North Olmsted  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Robert Anthony Drerup, Jr., Dayton  
B.E.E. (University of Dayton)  
*Field of Specialization: Electrical Engineering*
- Michael John Drosjack, Johnstown, Pa.  
B.S. (Carnegie-Mellon University)  
*Field of Specialization: Mechanical Engineering*
- Sahibsingh Amulsingh Dudani, Bombay, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization: Electrical Engineering*
- Glenn Welden Dunkelberger, Jr., Kutatown, Pa.  
B.S.C.E.  
*Field of Specialization: Civil Engineering*
- William Randall Edwards, Worthington  
B.M.E.  
*Field of Specialization: Mechanical Engineering*
- Inger-Johanne Ellingsen, Oslo, Norway  
Cand.Mag., Cand.Real. (University of Oslo)  
*Field of Specialization: Entomology*
- Robert Church Evans, Mansfield  
B.A. (Dartmouth College)  
*Field of Specialization: Botany*
- Joseph James Fair, New Philadelphia  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Alec Burton Farley, Berbice, Guyana  
B.A. (Earlham College)  
*Field of Specialization: Physics*
- Eugene Louis Ferretti, Lockport, Ill.  
B.A. (Lewis College)  
*Field of Specialization: Physics*
- Vassiliki Filippakopoulou, Athens, Greece  
Dipl. (National Technical University, Greece)  
*Field of Specialization: Geodetic Science*
- Herbert Henry Fisher, Worthington  
B.S.  
*Field of Specialization: Agronomy*
- Clinton Myers Fitts, Fairborn  
A.B. (Rutgers-The State University)  
*Field of Specialization: Physics*
- John Charles Foltz, Alexandria, Va.  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- Demetrios E. Fragoulis, Columbus  
B.S. (University of Kentucky)  
*Field of Specialization: Electrical Engineering*
- David Richard Fredericks, Worthington  
B.Met.E.  
*Field of Specialization: Metallurgical Engineering*
- Tateo Fujishima, Machida, Japan  
B.S. (Keio University, Japan)  
*Field of Specialization: Electrical Engineering*
- Theodore John Gahrykewicz, Jr., Latham, N. Y.  
B.S. (Alfred University)  
*Field of Specialization: Ceramic Engineering*
- Haydee Sumagaysay Geduspan, Iloilo, Philippines  
B.S. (Central Philippine University)  
*Field of Specialization: Chemistry*
- Steven Hirsch Goldberg, Wappingers Falls, N. Y.  
B.S. (Georgia Institute of Technology)  
*Field of Specialization: Computer and Information Science*
- Robert John Gollan, Columbus  
B.S. (California State Polytechnic College)  
*Field of Specialization: Horticulture*
- Robert Stephen Gorman, Wilmington  
A.B. (Wilmington College)  
*Field of Specialization: Natural Resources*
- Margaret Ann Graham, Sandusky  
A.B. (Gettysburg College)  
*Field of Specialization: Computer and Information Science*
- Charlet Sautter Grooms, Fredericktown  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Leon Oliver Harris, Kingston, Jamaica, W. I.  
B.S. (University of the West Indies)  
*Field of Specialization: Civil Engineering*
- Albert Joseph Hart, Jr., Columbus  
B.S. (John Carroll University); M.D.  
*Field of Specialization: Obstetrics and Gynecology*
- Michael George Hartman, Reading  
B.I.E.  
*Field of Specialization: Industrial Engineering*
- Kenneth Michael Haught, Clinton  
B.S. (University of Akron)  
*Field of Specialization: Physics*

- Edward Charles Hauswald, Hilliard  
B.S. (Baldwin-Wallace College)  
*Field of Specialization*: Chemical  
Engineering
- Marjorie Hopkins Hay, Worthington  
B.S.Nurs.  
*Field of Specialization*: Nursing
- Philip Lee Headington,  
West Mansfield  
B.A. (Ohio Northern University)  
*Field of Specialization*: Botany
- Christy Ramos Hernandez,  
Passay, Philippines  
B.Sc. (University of the  
Philippines); M.S.  
*Field of Specialization*: Civil  
Engineering
- Kerry George Hertenstein, Cincinnati  
B.Ch.E.  
*Field of Specialization*: Chemical  
Engineering
- Chiu-Chung Ho, Taipei, Taiwan  
B.S. (Cheng Kung University)  
*Field of Specialization*: Chemistry
- James Herbert Hodges, Clever, Mo.  
B.S. in Agr. (University of Missouri)  
*Field of Specialization*: Animal  
Science
- Clayton Edward Howerton,  
Knoxville, Tenn.  
B.S.  
*Field of Specialization*: Astronomy
- Tienson Huang, Taipei, Taiwan  
B.Sc.Eng. (National Taiwan  
University)  
*Field of Specialization*: Electrical  
Engineering
- Richard Franklin James, Columbus  
B.I.E.  
*Field of Specialization*: Industrial  
Engineering
- John W. Jewett, Jr., Catonsville, Md.  
B.S. (Drexel Institute of Technology)  
*Field of Specialization*: Physics
- Julianna Theresa Kasper,  
Des Moines, Ia.  
B.S.Med.Tech. (Creighton  
University)  
*Field of Specialization*: Pathology
- Jane Ann Steinman Kaufman, Kenton  
B.S.Nurs.  
*Field of Specialization*: Nursing
- William Kelly, Edmonton,  
Alta., Canada  
B.A. (University of Alberta)  
*Field of Specialization*: Mathematics
- Maaz Sami Khayri, Amman, Jordan  
B.E. (American University, Lebanon)  
*Field of Specialization*: Civil  
Engineering
- Sister Marcella Kiesel, Columbus  
B.S. (Niagara University)  
*Field of Specialization*: Nursing
- Lawrence Reid Kimball, Columbus  
B.S.A.A.E.  
*Field of Specialization*: Mechanical  
Engineering
- Michael William Kosakowski, Toledo  
B.Ch.E.  
*Field of Specialization*: Chemical  
Engineering
- Jeffrey Louis Kosch, Bay Village  
*Field of Specialization*: Chemical  
Engineering
- Margaret Hassey Kramer, Columbus  
B.S. in Home Ec. (College of Saint  
Mary of the Springs)  
*Field of Specialization*: Home  
Economics
- James Oliver Kroll, Libertyville, Ill.  
B.A. (Illinois Wesleyan University)  
*Field of Specialization*: Chemistry
- Wilson Ruy Mozzato Krukoski,  
Rio de Janeiro, Brazil  
Dipl. (Brazilian Military Institute  
of Engineering)  
*Field of Specialization*: Geodetic  
Science
- Ying-Yen Kuo, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization*: Mechanical  
Engineering
- Daniel Henry Kussow, Joliet, Ill.  
B.S.M.E. (University of Wisconsin at  
Madison)  
*Field of Specialization*: Mechanical  
Engineering
- Mary Bernadette Langevin,  
North Haven, Conn.  
A.B. (Colby College)  
*Field of Specialization*: Computer  
and Information Science
- Timothy Louis Lauvray, Dresden  
B.S.M.E.  
*Field of Specialization*: Mechanical  
Engineering
- John Michael Lee, Alhambra, Calif.  
B.A. (California State College at  
Los Angeles); B.S., O.D. (Los  
Angeles College of Optometry)  
*Field of Specialization*: Physiological  
Optics
- Leo S. Leonhart, Youngstown  
B.S. (Youngstown State University)  
*Field of Specialization*: Natural  
Resources
- Walter de Paula Lima,  
Sao Paulo, Brazil  
Eng.Agr. (Universidade de Sao  
Paulo)  
*Field of Specialization*: Agronomy
- Anagene Hatten Loebick, Columbus  
B.S.Nurs.  
*Field of Specialization*: Nursing
- Daniel Joseph Madden, Jr.,  
Gibbsboro, N. J.  
B.A. (La Salle College)  
*Field of Specialization*: Mathematics
- Mohamed Ibrahim Mahmoud,  
Toronto, Ont., Canada  
B.Sc. (Cairo University, Egypt)  
*Field of Specialization*: Horticulture
- Sandra Harstine Mallett, Etna  
B.S.Nurs.  
*Field of Specialization*: Nursing
- Ronald Joseph Marhefka, Columbus  
B.S.E.E. (Ohio University)  
*Field of Specialization*: Electrical  
Engineering
- Merrill Marsh, Torrington, Conn.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Computer  
and Information Science
- Robert Leslie Martin, Columbus  
B.S.E.E. (West Virginia University)  
*Field of Specialization*: Electrical  
Engineering
- Robert Lawrence Martinet,  
Massillon  
*Field of Specialization*: Electrical  
Engineering
- Marc-Antoine Mbaya,  
Lububashi, Congo  
Licencia (University of the Congo)  
*Field of Specialization*: Engineering  
Mechanics
- Gerald McCalden, N.S.W., Australia  
B.A., B.Com. (University of Dublin,  
Ireland); B.A., Litt.B., M.A.  
(University of New England,  
Australia)  
*Field of Specialization*: Computer  
and Information Science

<sup>1</sup> Also Bachelor of Chemical Engineering,  
College of Engineering

<sup>2</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

Gwendolyn Olympia McRae,  
Fayetteville, N. C.  
B.S. (Bennett College)  
*Field of Specialization:* Computer  
and Information Science

<sup>2</sup>Charles William Meredith, Beverly  
*Field of Specialization:* Electrical  
Engineering

Thomas Edward Michel, Dayton  
B.E.E. (University of Dayton)  
*Field of Specialization:* Electrical  
Engineering

David Russell Miller, Cleveland  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

Prabhakar Misra, Dehra Dun, India  
B.Sc. (Agra University); B.E.  
(University of Roorkee)  
*Field of Specialization:* Geodetic  
Science

Richard Dale Montrey,  
Florissant, Mo.  
B.S. in Agr., D.V.M. (University of  
Missouri)  
*Field of Specialization:* Veterinary  
Medicine

Eugene Oden, Cleveland  
B.S. (Central State College)  
*Field of Specialization:* Computer  
and Information Science

Joseph Philip Omaggio,  
Philadelphia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Physics

<sup>1</sup>William Noel Patterson Columbus  
*Field of Specialization:* Mechanical  
Engineering

James Henry Perry, Vickery  
B.S.Agr.  
*Field of Specialization:* Animal  
Science

John Franklin Plummer, III,  
Easton, Pa.  
B.A. (Williams College)  
*Field of Specialization:* Chemistry

Stephen Michael Pollick, Fremont  
B.A. (University of Toledo)  
*Field of Specialization:* Natural  
Resources

Roger Walters Pond, London  
B.S.Agr.  
*Field of Specialization:* Natural  
Resources

Guillermo Emilio Quinonez,  
Santa Tecla, El Salvador  
M.D. (Universidad de El Salvador)  
*Field of Specialization:* Pathology

Albert Joseph Quirin, Jr., Aurora, Ill.  
B.S. (Northern Illinois University)  
*Field of Specialization:* Statistics

<sup>2</sup>Oren Lester Reinbolt, Tiffin  
*Field of Specialization:* Industrial  
Engineering

James Francis Roff, Columbus  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

Robert Eugene Rosensteel,  
Rock Hill, S. C.  
B.S. in Chem. Eng. (University of  
North Carolina at Raleigh)  
*Field of Specialization:* Chemical  
Engineering

Michael Ralph Ross, Springboro  
B.S. (Miami University)  
*Field of Specialization:* Zoology

James Michael Ruffing, Bellevue  
B.S. in E.E. (University of Florida)  
*Field of Specialization:* Electrical  
Engineering

Linda Jean Saif, Wooster  
B.A. (College of Wooster)  
*Field of Specialization:* Microbiology

Kathleen Dianne Schaum, Columbus  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization:* Allied  
Medicine

Barbara Lee Schilling, Zanesville  
B.S.Nurs. (Western Reserve  
University)  
*Field of Specialization:* Nursing

Cheryl Teaford Scott, Columbus  
S.B. (Simmons College)  
*Field of Specialization:* Nursing

Roger Ervin Shamel, Acton, Mass.  
B.A. (Franklin and Marshall  
University)  
*Field of Specialization:* Chemistry

Howard Neal Shapiro, Cleveland  
B.S.  
*Field of Specialization:* Mechanical  
Engineering

Gerald Arthur Shifrin, Columbus  
B.S.  
*Field of Specialization:* Computer  
and Information Science

Karen Diane Shulstad,  
Barnesville, Minn.  
B.S. (Gustavus Adolphus College)  
*Field of Specialization:* Nursing

Thomas John Shuster, Youngstown  
B.S.  
*Field of Specialization:* Natural  
Resources

Granville LeRoy Smyser,  
Prescott, Ia.  
B.S. (Iowa State University)  
*Field of Specialization:* Chemistry

Paul Warren Springer,  
North Madison  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Chemical  
Engineering

Sargur N. Srihari, Bangalore, India  
B.S. (Bangalore University); B.E.  
(Indian Institute of Science)  
*Field of Specialization:* Computer  
and Information Science

Norman Marvin Stanley,  
Fredericktown  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Gloria Jeanne McKeag Steele,  
Reynoldsburg  
B.S. (Chatham College)  
*Field of Specialization:* Nursing

Thomas Richard Stevens,  
Reynoldsburg  
B.A. (Otterbein College)  
*Field of Specialization:* Computer  
and Information Science

John Joseph Stolfo, Cuyahoga Falls  
B.S. in Arts and Sci. (Kent State  
University)  
*Field of Specialization:* Chemistry

John Andrew Strahle, Columbus  
B.S.  
*Field of Specialization:* Geodetic  
Science

John Raymond Street, Monessen, Pa.  
B.S.Ed. (California State College,  
Pennsylvania)  
*Field of Specialization:* Agronomy

Raymond Marshall Stroup, Warren  
A.B. (Youngstown State University)  
*Field of Specialization:* Natural  
Resources

<sup>\*</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

<sup>1</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering

<sup>2</sup> Also Bachelor of Industrial Engineering,  
College of Engineering

Peter Edwin Susey, Westerville  
B.A.A.E.  
*Field of Specialization: Mechanical Engineering*

Deborah Downs Swanson, Columbus  
B.S.  
*Field of Specialization: Computer and Information Science*

John Harvey Terry, Wilson, N. Y.  
A.B. (University of Pennsylvania)  
*Field of Specialization: Chemistry*

Carol Mae Thompson, Denver, Colo.  
A.B. (Loretto Heights College)  
*Field of Specialization: Computer and Information Science*

June Danner Thompson, Delaware  
B.S. (Case Western Reserve University)  
*Field of Specialization: Nursing*

Cho-Kei To,  
Happy Valley, Hong Kong  
B.S. (Wisconsin State University at Eau Claire)  
*Field of Specialization: Computer and Information Science*

Patrick Joseph Tracy, Cincinnati  
B.S. (University of Cincinnati)  
*Field of Specialization: Civil Engineering*

Maurice Maduakonam Ukadike,  
Somerset, N. J.  
B.Sc. (Rutgers, The State University)  
*Field of Specialization: Civil Engineering*

Sylvia Charlene Upp, Columbus  
B.S.Occ.Ther.  
*Field of Specialization: Allied Medicine*

James Lee Vance, Londonderry  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Marvin Edward Wachtman,  
Columbus  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Terry L. Weaver, Columbus  
B.S. (Indiana University of Pennsylvania)  
*Field of Specialization: Microbiology*

Kenneth Joseph Wells,  
Uniontown, Pa.  
B.S. (Alderson Broaddus College)  
*Field of Specialization: Computer and Information Science*

Stephen Douglas Werk, Columbus  
B.S.Agr.  
*Field of Specialization: Animal Science*

Pelton Whiting Wheeler, Grove City  
D.D.S.  
*Field of Specialization: Dentistry*

Virginia Adelaide Wolf, Worthington  
B.S.Nurs. (Mary Manse College)  
*Field of Specialization: Nursing*

Tai Chung Wong, Staten Island, N. Y.  
B.S. (University of Washington)  
*Field of Specialization: Electrical Engineering*

David Harris Yates, Rochester, N. Y.  
B.S. (University of Dayton)  
*Field of Specialization: Chemistry*

\*Alban Ock-Bong Yee,  
New York, N. Y.  
*Field of Specialization: Electrical Engineering*

\*Ping Kwan Yee, Columbus  
*Field of Specialization: Electrical Engineering*

Robert Yung-Yen Yeh,  
Fairport Harbor  
B.S. (National Taiwan University);  
M.S. (South Dakota State University)  
*Field of Specialization: Computer and Information Science*

#### **Master of Social Work**

One candidate

Shirley Lisman Yuscavage,  
Columbus  
A.B. (Wilkes College)  
*Field of Specialization: Social Work*

\* Also Bachelor of Electrical Engineering,  
College of Engineering

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Three candidates

William Smith Hayes, Steubenville  
Shirley Bernier Koffroth, Dayton  
Elisabeth Ann Squeglia, Youngstown

### Bachelor of Fine Arts

Twenty-three candidates

Christian Charles Bell, Mt. Vernon  
Suzan Ollie Bird, Columbus  
Elizabeth Elick Brynildsen, Columbus  
Michael Eugene Dantz, Columbus  
Otho Shipley Eyster, Jr., Columbus  
Richard Bryant Hall, Dublin  
Andrea Harchar, Parma  
Margaret Lamson Hayes, Columbus  
Barbara Kay Jaffe, Dayton  
Joyce Elizabeth Kaufman, University Heights  
Edith Cathryn Loechler, Columbus  
Taylor Lutz, Perrysburg  
Penny Louise Mann, Columbus  
Judith Vahila Matthews, Columbus  
Charles Francis Meixner, Columbus

Joy Anne Merritt, Mt. Sterling  
Janice Marie Meyer, Leipsic  
Martha Fletcher Mihaly, Cincinnati  
Leslie Diane Norman, Columbus  
Elaine Marie Probala, North Royalton  
Kathryn Kelly Rutherford, Columbus  
Andrew Steven Turocy, III, Ravenna  
Lois Kay VanFossen, Columbus

### Bachelor of Music

Six candidates

Susan Elizabeth Burghardt, Hudson  
Nellie Margaret Davis, Columbus  
Carl Albert Haefeli, Columbus  
Diana Belt Lust, Columbus  
Robert Irvin Moreen, Jr., Columbus  
June Marie Speak, 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 32

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

One candidate

Michael Joseph Riley, Chesapeake

### Bachelor of Science

Thirty-five candidates

Marcia Sue Amster, Cleveland  
Adele Isaac Arar, Columbus  
Lewis Tucker Beman, Jr., Marietta  
Jerry Carl Berger, Crestline  
John Charles Bland, Hubbard

John William Brushwood, Coshocton  
Donna Rippel Burkhardt, Columbus  
Gary Patrick Dimenna, Columbus  
Cliff Wayne Friend, Hicksville  
Peter Nicolo Fuizzotti, Parma Heights  
Erica Lynn Gardner, Windsor, Ont., Canada  
Ronald Stanley Gibas, Neffs  
Richard Franklin Gorbach, Vermilion  
Richard Arthur Helms, Centerville  
Donald Lee Hiser, Westerville  
Ronald Virgil Hoffman, Columbus Grove  
Charles Eugene Houck, Fairborn  
Terry Robert Johnson, North Canton  
Mark Olen Kaplan, New York, N. Y.  
John Paul King, Goshen, Conn.  
Allen James Lamb, Rocky River  
Gerald Wayne Lattavo, Columbus  
Robert Merrill Loyd, Mt. Vernon  
Terry Russell McGuire, Chippewa Lake  
Eleanor Jane Meibuhr, Mentor  
Neil Eugene Miller, Lexington  
Michael Peter Orlando, Lorain  
Maitland Woodbury Place, Kettering  
David Lawrence Ramey, Columbus  
Jack William Rupp, II, Westerville  
Robert Lester Scott, Columbus  
Lawrence John Shaffer, Columbus  
Charles David Webster, Gallipolis  
David Owen Willis, Cincinnati  
Ross Lindsay Worch, Columbus

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

Seventy-nine candidates

Thomas Irvin Ball, Logan  
Donna Geane Barkhurst, Galion  
Harry Charles Baughman, Jr., Dover, Del.  
Nancy Smith Beckman, Westerville  
Jean Elizabeth Bennett, Lakewood  
Stephen Gerald Berman, Youngstown  
Audrey Marie Brodzinski, Warrensville Heights, B.S.Ed.  
Paula Shafer Butterfield, Columbus  
John Charles Camp, Canton

Janice Chiu Cheng, Brooklyn, N. Y.  
 Sandra Anne Christofferson,  
 Bay Village  
 Anita Goldman Cohen,  
 Cleveland Heights  
 William Houston Connally,  
 Lockbourne A.F.B.  
 Charles Terrence Cook, Portsmouth  
 Don Robert Coolman, Warsaw  
 Katherine Anne Cramer,  
 Worthington  
 Norma Jean Crozier, Dresden  
 Katherine Slaughter Daniels,  
 Columbus  
 Jeffrey Lee Detwiler, Columbus  
 Danny Joseph Donofrio, Columbus  
 Michael Joseph Dory, London  
 Lawrence Robert Dow, Columbus  
 Jonathan Kent Ely, Dayton  
 Robert Douglas Fighter, Columbus  
 James Sawyer Ford, Norwalk  
 Richard Simon Garson, Akron  
 Linda Boyce Geroy, Columbus  
 William Arthur Grose, Norwalk  
 Lucy Oliphant Hadley,  
 Cleveland Heights  
 Steven Harrington Hanley, Columbus  
 Pamela Jean Hardy, Berea  
 Leonard Rancel Jones, Killbuck  
 Roger Dale Kafer, Bucyrus  
 Sherrie Fran Korman,  
 Mayfield Heights  
 Alice Mary Lehman, Scott  
 Jeffrey Alan Leimgruber,  
 Alpine, N. J.  
 Cynthia Maryann Lejsek, Ravenna  
 Barry Mark Levitin, Columbus  
 David Markham Litman,  
 Pittsburgh, Pa.  
 Gerard Steven Lobosco, Columbus  
 Gregory Donald Loose, Kettering  
 David William McConnell, Columbus  
 William Peter Melega, Cleveland  
 Phyllis Ella Millsap, Columbus  
 Judy Carol Moyer, Perkasie, Pa.  
 James Richard Murphy, Newark  
 Robin Jane Myers, Ohio City  
 Bruce Alan Norton, Fremont  
 Monique Isabelle Plaque,  
 Corte Corse, France  
 Donald Arthur Porter, Galloway  
 John Michael Reebel, Jr., Warren  
 David Edward Reifenberger,  
 Cincinnati  
 Mark Earl Russell, Medeira  
 Lawrence David Sadler, Elyria  
 Raymond Joseph Sanzo, Bucyrus  
 Daniel Francis Scheiber, Columbus  
 Rose Marie Schommer, Grove City  
 Anthony Joseph Scully, Crestline

Kathleen Louise Seitz, Worthington  
 Joan Carol Sherfel, Youngstown  
 Frank Marvin Singleton, Senecaville  
 David Hilliard Smith, Columbus  
 Eric Steven Solowitch,  
 Shaker Heights  
 Luann Elizabeth Steiner, Stow  
 Kathleen Swink, Harrisonburg, Va.  
 Joan Mowry Tatgenhorst, Columbus  
 Steven Donald Tischbein, Cincinnati  
 Irving I. Tosk, New York, N. Y.  
 Susan Forbes Valentine, Avon  
 Kathryn Patricia Vanderheiden,  
 Akron  
 Lois Haggerty Varnum,  
 Fanwood, N. J.  
 Patricia Mara Vienot,  
 San Francisco, Calif.  
 Anthony Francis Vinci, Westlake  
 Richard Edward Volker, Columbus  
 \*Herbert Wood Walker, Jr.,  
 Atlantic Beach, N. C.  
 Constance Jean Waring, Roanoke, Va.  
 David Charles Webb, Manlius, N. Y.  
 James Merritt Whitmer, Louisville  
 Michael Allen Young, Columbus

James Gregory Clark, Columbus  
 James Robert Fields, Ashville  
 Mark Steven Freshwater, Columbus  
 Edwin Herbert Grieves,  
 Oklahoma City, Okla.  
 Christine Roller Hall, Columbus  
 Susan Lozan King, Columbus  
 Kathryn Bailey Lewis, Columbus  
 Ronald Wayne Lowe, Dayton  
 Marvin Leon Merves, Lorain  
 Frederick Porter Molden, Columbus  
 James Monroe Pace, Columbus  
 David Rawson Phillips, Columbus  
 Brian Richard Porr, Columbus  
 Lolt David Proegler, Columbus  
 John William Rein, Milford  
 Alessandro Francesco Sacilotto,  
 Cleveland  
 Donald Jack Santapaola, Columbus  
 Lowell G. Staker, Hilliard  
 Luisa Vingenza Stefanelli, Columbus  
 Donald James Stolla, Parma  
 Robert Anthony Stratman, Columbus  
 Michael Allan Teetor, Marion  
 Gregory Harold Terry, Columbus  
 Richard Paul Thomas, Rossford  
 James Jeffrey Wemlinger, Columbus  
 Richard Lindsay Willmarth,  
 Geneva, N. Y.  
 Robert Loren Wolfe, Columbus

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Three candidates

John Joseph Montgomery, Columbus  
 Michael Andrew Oliver, Columbus  
 Charles Francis Olson, Columbus

### Bachelor of Science

Twenty-nine candidates

Gary Sheldon Abel, Cleveland  
 Frank Douglas Braun, Cincinnati

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick .

### Bachelor of Arts

One hundred and twenty-five candidates

Albin Anthony Abram, Avon Lake  
 Stefan Mike Balij, Parma Heights  
 Bradley Dean Barash,  
 New Rochelle, N. Y.  
 Robert Anthony Baron,  
 Maple Heights  
 Jeffrey Patrick Bauer, Columbus  
 Mark Carl Bauer, Tallmadge  
 Eugene Martin Bellman, Lorain

\* Also Bachelor of Science in Education,  
 College of Education

Allan Richard Bloomfield,  
University Heights  
Mary Elizabeth Bodnar, Lakewood  
Robert Michael Bullinger, Fremont  
Michael Thomas Burin, Lakewood  
James Randall Cain, Mansfield  
James Raymond Carroll, Cincinnati  
Stephen Roy Casto, Columbus  
James Edward Chubak, Columbus  
Brenda Margaret Cloonan,  
South Euclid  
Brian Lee Coffey, Medina  
Gregory Earl Cook, Columbus  
Jack Lee Cook, Kettering  
Mark Philip Crumbaker, Beverly  
James Donald Davison,  
Martins Ferry  
Sean Rex Derrick, Columbus  
Charles Albert DeVendra, Columbus  
Bruce Joel Diamond, New York, N. Y.  
Michael William Donohue, Amanda  
Thomas Albert Driscoll, Warren  
Roger Edward Edens, Worthington  
David Allen Elliott, Worthington  
Robert Alfred Feiklowicz, Cleveland  
Michael David Feinberg,  
Roslyn, N. Y.  
Joyce Arline Fletcher, Worthington  
Waxsey Jackson Foreman, Toledo  
Darlene Barack Forte, Cleveland  
Allan Franklin Foster, Columbus  
Gerald Minoru Fujita, Norco, Calif.  
John Joseph Gallick, Columbus  
George Joseph Gans, Jr., Columbus  
Gregory Rex Garey, Norton  
Albert Lawrence Gassner, Solon  
John Dale Gibson, Cincinnati  
Barry Lester Ginnis, Beachwood  
Joyce Kelly Gordon, Alexandria  
Steven Eric Graham, Toledo  
Jean Crowley Grossman,  
Carmel, N. Y.  
Richard Harold Hange, Jr., Medina  
David Bruce Harris, Wadsworth  
Timothy Dwight Holder, Columbus  
Catherine Meadows Huber, Columbus  
Ronald Clay Hutchinson, Columbus  
Keith Roger Hyde, Columbus  
Elizabeth Ann Jameson, Lima  
Tamara House Juba, Columbus  
Jerry Donaldson Karlovec, Columbus  
Bruce Webster Kay, Columbus  
Steven Arnold Kelsey,  
Wilkes-Barre, Pa.  
George Lawrence Kentris, Fostoria  
Barbara Sue Klein, South Euclid  
Ralph Martin Klopp, Jr.,  
University Heights  
Sandra Wright Kopas, Mt. Vernon  
Gary Edward Kubina, Youngstown

Ernst Kubyan, Cleveland  
Pamela Weber Kynan, Cincinnati  
John Kelly Lear, Streetsboro  
Heidi Marie Leeman, Brewster  
Warren Prentice Loesch, Mentor  
Michal Wynn Mainwaring,  
Worthington  
Beth Wallace Marble,  
King of Prussia, Pa.  
Michele Ellen Marks, Akron  
Caroline Jane McCrackin, Mt. Vernon  
Gerald Earl McKibben, Jr., Celina  
Inus Ray Miller, Columbus  
Henry Anthony Musilli, Bellaire  
Gary Henry Noe, Columbus  
David Norman Null, Medina  
Bruce Lee Ogle, Newark  
Edward John Pearcy, Columbus  
Robert Allen Petti, Lyndhurst  
James Lowell Phillips, Columbus  
Cheryl Lynn Price, Beachwood  
David John Progar, Strabane, Pa.  
Larry Douglas Qualls, Dayton  
Myron Kay Quickel, Canton  
Daniel Lawrence Rech, Marion  
Philip Hugh Reed, Delaware  
John Gerhard Reiner, Columbus  
David Roger Replogle, Columbus  
Richard Roderick Ridgely,  
Springfield  
Isabella Louise Robson, Columbus  
Deborah Varner Row, Columbus  
Mark Hal Rubenstein, Bayside, N. Y.  
Raymond Sales, Canton  
Samuel Aaron Savage, Columbus  
Judy Joann Sayers, Columbus  
Nancy Gail Schechter, Cincinnati  
Richard Lee Schenker, Fairview Park  
Kenneth Bruce Schlaff, Syosset, N. Y.  
Gerald James Schueller, Parma  
Thomas Walker Scott, Worthington  
Douglas Winston Shaw, Coshocton  
Michael Francis Shearer, Columbus  
Raymond Berend Shearer, Columbus  
Steven Ben Shechter, Akron  
Ronald Paul Siebert, Chardon  
George Russell Smith, Cambridge  
Keith Albert Smith, Grove City  
Lenora Marie Smith, Columbus  
Richard Allen Smith, Stratford, Conn.  
Clarena Mae Snyder, Louisville  
Robert George Snyder, South Euclid  
Mary Frances Speer, Troy  
Edward Vance Springer, III,  
Columbus  
Stephen David Stierman, Canton  
William Allyn Strong, Fairview Park  
Barbara Jane Tape, Miamisburg  
Walter Edward Taylor, Huron

Nadine Cheryl Toms, Bellville  
James Timothy Traini, Columbus  
Steven Aron Trubow, Toledo  
John King VanGilder, Worthington  
Patricia Ann Vasser, Columbus  
Jane Ellen Warrenbrand,  
Brooklyn, N. Y.  
Cheryle Marchele Welty, Lima  
William James West, Columbus  
Virginia Leask Wettersten, Columbus  
Dennis Lee Wojtanowski, Willowick

#### **Bachelor of Science**

Twenty-one candidates

Steven Paul Ames, Elmore  
Eddie K. H. Chin, Gahanna  
Carole Ann Clark, Steubenville  
Paula Michele Dunlap, Athens  
Ralph David Epstein,  
University Heights, B.S.Agr.  
James Henry Geiger, Minster  
Margaret Mary Hagerman, Dayton  
John Allen Hoovler, Mansfield  
Julius Edward James, Jr.,  
Washington, D. C.  
Jeanne McKelvey Kigerl, Bellaire  
Fred G. Kurz, Youngstown  
Brian Edward Kutza, Lorain  
Mary Louise Monaghan, Columbus  
Michael William O'Meara, Cleveland  
Mitchel Rapp, Eastmeadow, N. Y.  
James Russell Seiple, Bay Village  
Gilda Yvonne Sellers, Columbus  
Thomas William Toth, Euclid  
Richard Glenn Vargo, Cleveland  
Gail Iris Walton, Cleveland  
Thomas Evan Zahniser, Columbus

## School of Journalism

### Bachelor of Arts in Journalism

Nineteen candidates

Steven Anthony Abbott, Worthington  
Patricia Smith Afzal, Denver, Colo.  
David William Claypool, Zanesville  
Domenic Joseph Fatica, Willoughby  
Sandra Louise Fraley, Ontario  
Daniel Ernest Fuhrman, Lima  
Richard Emil Heffelfinger, Butler  
Steven Andrew Jay, Columbus  
Joseph Lawrence Arthur Kopec,  
Columbus  
William Martin Mertle,  
Garfield Heights  
William Andrew Payer, Columbus  
Anita Louise Pesec, Painesville  
Patricia June Raynes, Amherst  
Robert John Rhees, Sidney  
Lynne Ellen Rivkin,  
Jamaica, N. Y.  
George Dallas Robey, Jr., Gahanna  
Karl Eugene Schwab, Canfield  
William Scott Sirola, Painesville  
Gloria Jeanne Sneed, Toledo

### Bachelor of Science in Business Administration

One hundred and fifty-five candidates

Stephen Frederic Ade, Mansfield  
Vincent Anton Afzal, Cleveland  
John William Anderson,  
Kenosha, Wis.  
Raymond Vasile Androne, Berea  
Christopher Anthony, Mt. Vernon  
Thurman Fletcher Arnold, Marietta  
Victor Anthony Azzoto,  
Syracuse, N. Y.  
Robert Steven Balthaser, Columbus  
William Gilday Batterson,  
Richmond, Va.  
Joseph Charles Bentz, Coshocton  
Edward Dominic Biasella, Canton  
Roger John Billman, Fremont  
Roy Michael Binion, Ashville  
Thomas Jean Boneburg, Lakewood  
Thomas Keith Bowen, Garrettsville  
Joanne Rose Bratush, Painesville  
Robert Alan Braund, Wooster  
Gary Warren Burchfield, Gahanna  
Michael Lee Butz, Columbus  
Charles Francis Capwell,  
East Liverpool  
Ronald Carvalho, Vandalia  
John Thomas Coggins, Jr.,  
Woodside, N. Y.  
David Barry Cohen,  
University Heights  
Gary Arthur Cohen,  
University Heights  
Philip John Condo, Columbus  
Terrence Ross Conroy,  
Powassan, Ont., Canada  
Michael Joseph Conway, Columbus  
David Michael Cook, Shadyside  
Dennis Charles Cotsamire, Galion  
Donald Everett County, Elyria  
Hugh Gunder Creager,  
Santa Ana, Calif.  
Mark William Darling, Perrysville  
James Alan Davis, Middletown  
Richard Lester Dawley, Cincinnati  
Daniel William Demchuk, Cleveland  
Brent Lee DeMond, Dansville, Mich.  
Larry Alan Difoe, South Euclid  
Sion William Digman, Newark  
Thomas Edward Dole, Ironton  
Jack Douglas Dunagan, Columbus  
Kenneth Eugene Duncan, Columbus  
James Christopher Faehnle, Columbus  
Stuart William Fenton, South Euclid  
William Henry Fiely, Dayton  
John Richard Fisher, Columbus  
Anna Kathleen Foster, Winchester  
Douglas Alan Frederick, Carey  
James Lee Geddes, Grove City  
Michael Jay Gottesman, Cleveland  
William Ray Graul, Grove City  
William Arthur Green, III,  
St. Louis, Mo.  
Arlette Betsy Grigst, Columbus  
James Alan Gritton, Steubenville  
Richard Paul Guenther, Wooster  
Daniel Stephen Haas, Navarre  
Robert M. Hance, III, Piqua  
John Langdon Harris, Jr.,  
Pepper Pike  
Patricia Laraine Heaton, Columbus  
Douglas Gordon Heitz, Columbus  
Robert Dewey Heslep, Troy  
Samuel Jay Hill, Columbus  
James Scott Hilt, Centerville  
Douglas David Holton, St. Louisville  
Robert Burkey Horn, Millersburg  
Richard Bruce Hoskins, Hudson  
Larry James Howell, Columbus  
David Ralph Jahn, Columbus  
Lance Kim Jansen, Cincinnati  
Patrick Henry Jayne, Chillicothe  
Gary Lee Johnson, Columbus  
Randall Eugene Johnson, Salesville  
Rikard Soverin Johnson, Warren  
Stephen James Johnson, Gahanna  
Richard Wayne Kaylor, St. Marys  
Kevin Michael Keegan, Lakewood  
David Alan Kelly, Columbus  
Andrew John Kershaw, Mansfield  
Bruce Alan Krauss, Columbus  
Dale Michael Kruszynski, Brecksville  
James Ronald Kubicina, Warren  
Richard James Lampinen,  
Waukegan, Ill.  
Lawrence Charles Landreman,  
Columbus  
Delle Malkin Lange, Akron  
Thomas Robert LaPens, Columbus  
Robert Richard Larkin, Columbus  
Philip Wayne Lawrence,  
McConnelsville  
James Franklin Leonard,  
North Olmsted  
Thomas Edward Lorinez, Painesville  
Michael Allyn Losego, Cambridge  
Steve Noel Lowe, Columbus, B.S. Agr.  
Delmer Floyd Mace,  
Ravenswood, W. Va.  
Eric Lance Martin, Columbus  
Jeffrey William McCowin,  
Cuyahoga Falls  
Roger William McHenry, Branch Hill  
Larry Jay McVay, Westerville  
Bruce Lightle Mees, Frankfort  
Gary Lawrence Melocik, Newbury  
Joseph James Miglore, Edison

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Anthony Joseph Montagno,  
Westerville  
Charles Lester Moorman, Springfield  
Joseph Michael Motil, Columbus  
B.S.Ed.  
Charles Louis Murphy, Cincinnati  
Charles Roger Myers,  
Charlotte, N. C.  
Nanci Ann Neale, Columbus  
George Russell Nelson, Canton  
Melvin Amos Niese, Ottawa  
Patrick Armstrong O'Connell, Dayton  
Lockwood Oliver, III, Bay Village  
Michael James O'Neal, Fairborn  
Penelope Felton O'Neil, Cleveland  
John Joseph Orzes, Akron  
John Thomas Patterson, Lima  
Gary Albert Peterman, Columbus  
Christos Petros Petropoulos,  
Columbus  
Philip Arthur Philbin, Perrysburg  
Thomas Allen Rader, Kettering  
Paul Francis Reddy, Olmsted Falls  
Arthur James Riffard, Inman, S. C.  
John Robert Ringer, Cambridge  
Jack Michael Rosenfield,  
Elmont, N. Y.  
Richard Arthur Ross, Eastlake  
Thomas Charles Savage, Columbus  
Walter Edward Schneider, Columbus  
Lance W. Schneier, Canton  
Kenneth Steven Shifrin,  
Cleveland Heights  
Phillip Harley Shrigley, Columbus  
David Leslie Shultz, Columbus  
David Erwin Skolnik, Cleveland  
Bruce Eugene Smith, Van Wert  
Thomas Douglas Smith, Lima  
Jeffrey Dail Snider, Cleveland  
John Raymond Starkey, Bedford  
Leroy Stokes, Columbus  
Scott David Stubblebine, Norwalk  
Ralph William Talmage,  
Rocky River  
John Michael Thompson, Canton  
Richard Stephen Toms, Marion  
William Everett Trevey, Springfield  
David Charles Tyson, Middletown  
Walter Genie VanCleave, Jr.,  
Columbus  
Albert Jan Vanderhorst, Columbus  
Robert David Van Sickle, Columbus  
Stephen Richard Varner, Poland  
Philip Leander Warnecke,  
Fort Jennings  
Raymond Edmund Werner, III,  
Cincinnati  
James Allen Whitcomb, Ashland  
Gail White, Fairfax, Va.  
James Calvin Whitmer, Columbus

Kenneth Thomas Wilden, Rocky River  
Mark Alfred Wlosowicz, Parma  
Frank Bernard Woeste, Maria Stein  
George Brian Woznak, Parma  
Gregory Alan Wright, Columbus  
Guy Allen Zavodny, Rocky River  
Paul Zwanger, Elizabeth, N. J.

### School of Social Work

#### Bachelor of Science in Social Welfare

Thirty-two candidates

Cheryl Anne Bareis, Rochester, N. Y.  
Francine Gayle Bartfield, Cincinnati  
Paula Kay Best, Columbus  
Margaret Mary Burke, Columbus  
Barbara Joyce Burns, Sunfield, Mich.  
Pamela Maxine Chew, Cortland, N. Y.  
Karen Leigh Dillon, Bolivar  
Dianne Elizabeth Dolezal,  
North Royalton  
Jonnice Kaye Edwards, Steubenville  
Gerald Mark Everly, Crestline  
Edward Michael Fliegel, Mansfield  
Deborah Fullilove, Evanston, Ill.  
Kenneth Joe Gossett, Hillsboro  
Fern Joyce Grunberger,  
University Heights  
Sue Ann Jones, Columbus  
Jill Klopper, Cleveland  
Sylvia Brown Law, Columbus  
Donna Leslie Lohr, Columbus  
Deborah Lowrey, Mansfield  
Patricia Ann Lutz, Maumee  
Judith Paula Mandelkorn, Columbus  
Linda Jean Nasset, Toledo  
Linda Ann Plewacki, Parma  
Halle Dee Pryor, Lorain  
Jill Ann Reisinger, Lorain  
Judy Thaw Rowe, Marion  
Stephen Stuart Siegel, Cleveland  
Carol Ann Simon, Bowling Green  
Donna Jean Stamps, New Paris  
Sally Louise Storch, Columbus  
John George Welker, East Liverpool  
Judith Huston Willis, Columbus

#### Bachelor of Science in Agriculture

Sixty-two candidates

Donald LeRoy Albert, Jr., Middletown  
James Edward Allison, Columbus  
Philip Gerald Baideme,  
Westfield, N. Y.  
Mark Alan Basinger, Columbus Grove  
Richard Jackson Betts, Deshler  
Glen Richard Biddlestone, Poland  
Dale Edward Biery, Mt. Cory  
John David Bonagura, Clifton, N. J.  
Rohin Jeanne Doerner Bricker,  
Delaware  
Larry Michael Brubaker, Smithville  
Roy Lee Carmony, Wooster  
Richard Wayne Carter, Springfield  
James Michael Cornelius, Harrison  
Richard Edward Downey, Bay Village  
Robert Howard Dunn, Mineral Ridge  
Stephen Sedric Dye, Columbus  
John Milton Evans, New Carlisle  
Robert Lee Ferree, Dayton  
William Edwin Fling, Hillsboro  
William Carl Franz, Strongsville  
Robert Larry Gebhart, Germantown  
Lawrence Robert Goltz, Columbus  
Rebecca Elaine Gompf,  
Livingston, N. J.  
Stephen Robert Hackett, Apple Creek  
Dennis Edward Hayes,  
Cleveland Heights  
Raymond Edward Hiller, Jr., Ashland  
Douglas Walter Hindenlang,  
Hayesville  
David Walter Holmes, Winona  
Larry Kermit Howell, Columbus  
Mariana Douglas Hubbard,  
Wellsburg, W. Va.  
Leslie Clarence Judd, Hamilton  
Harold Theodore King, Lorain  
Pamela Kinskey, Washington, Pa.  
Karol Jane Kramer, Rocky River  
Daryl Levi Kraner, Marion  
William Ray Luther, Dayton  
Kenneth William Mastrocchio,  
New York, N. Y.  
Alvis Earl McGaha, Piqua  
Michael Victor Miller, Cloverdale  
Steven J. Miller, Greenville  
James Eldon Minor, Circleville  
Thomas Gregory Nickles,  
North Canton  
Edward Wilson Perry, Hinckley  
Raymond Alex Porter, Cambridge  
Michael Jerrold Rainey, Columbus  
Harold Gene Rowles, Bremen  
David William Schulko, Mansfield  
Gary Lee Siegwald, Columbus

Dalton Kent Snyder, Cardington  
Mark Stauffer, Dayton  
Loren Carey Steiner, Orrville  
Kenneth Martin Unrue, Stow  
John Albert Upp, Burbank  
Bernard Vanderhorst, Columbus  
Harry Russell Vernon, III, Conneaut  
Frederick Charles Volker, Piqua  
Thomas Frederick Walter, Lancaster  
Timmy James Warner, Arcanum  
Janet Joanne White, Akron  
Charles Edward Winkle, Sardinia  
John Joseph Wolfinger, Rushville  
Harold Richard Wovries, Tipp City

**Bachelor of Science in Food Technology**

Two candidates

Henry William Rugala, Marion  
Dennis Lee Weber, Rutland

Rita Lynn Mendenhall, Dayton  
Nancy Kay Myers, Cleves  
Debra Gardner Nevard,  
Oklahoma City, Okla.  
JoAnn Obert, Columbus  
Marianne Randles Parker,  
Worthington  
Antoinette Della Flora Rea, Columbus  
Linda Culver Rusnak, Kenton  
Gaye Lee Shields, Clayton  
Delores Kay Simpson, Cecil  
Teresa Louise Smith, Westville  
Judy Weitzel Snell, Tipp City  
Susan Lynette Sommers,  
San Antonio, Tex.  
Pamela Kay Stark, Columbus  
Alice Ann Steinen, Sunbury  
Arlene Pamela Stoller,  
Cleveland Heights  
Leslie Lynn Vrana, Berea  
Gloria Moore Walther, Columbus  
Mary Katharine Williams,  
Canal Winchester  
Christina Jane Witsberger, Delaware

School of Home Economics

**Bachelor of Science in Home Economics**

Forty-three candidates

Suzanne Beckley Abbott, Tiffin  
Nancy Louise Baldauf, Elyria  
Joan Christine Brooks, Columbus  
Brenda Arlene Cook, St. Paris  
Janie Lee Cook, St. Marys  
Barbara Jane Cooke, Columbus  
Cynthia Kaye Drake, Carrollton  
Mary Richards Duffy, New Lexington  
Nancy Ellis, Wilmington  
Suzanne Lynn Evans, Columbus  
Sue Kimmel Grubb, Trotwood  
MaryJo Elizabeth Hagen, Dayton  
Janet Kay Harriman, Mansfield  
Diana Lynn Hendryckx, Bloomdale  
Janet Helen Henshaw, Wooster  
Mary Ann Isler, Prospect  
Joyce Ellen Jensen, Hanover, N. J.  
Lois Ray Johnson, Cincinnati  
Barbara Ann Keil, Mansfield  
Janice Ellen Knasel, Anna  
Janet Marie Kovach, Mentor  
Linda Lee Loyer, Columbus  
Jennifer Ruth Malcomb, Canton  
Charlotte Ann McNemar,  
Bellefontaine

**Bachelor of Science in  
Restaurant Management**

One candidate

Stephen Michael Tewanger,  
Worthington

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Three hundred and forty-three candidates

Jon Christian Abeles,

Huntington Station, N. Y.

Mary Ellen Adamkosky, Columbus

James Edward Adams, Gahanna

Jeanne Kathleen Adlard, Dayton

Paulette Lea Allshouse, Findlay

Harry Lewis Aronhalt, Delaware

Sharon Ann Ashie, Medina

Marianne Bailey, Columbus

Ronald Lee Baker, Newark

Beverly Balliett, Galion

Carol Lee Balliett, Mansfield

Claudia Eve Balliett, Parma Heights

Elvalee Banks, Elyria

Jacklyn Lee Barnhart, Caldwell

Anita Bailey Bash, Columbus

Christine Marie Bauer,

Upper Sandusky

Dale Thomas Baughman, Columbus

Jacquelyn Lear Baughman, Columbus

Sandra Lee Bell, Columbus

Maxine Elizabeth Block, Hubbard

Bruce Paul Bogart, Columbus

Donald Albert Bolin, Gahanna

Beverly Marie Bond, Columbus

Beverly Anne Bouldin, Columbus

William Paul Bowe, Bradner

Sara Jane Bowler, Columbus

Forrest Glenn Brandt, Jr., Dayton

Barbara MacMullin Brown,

Bay Village

Opal Orr Brown, Worthington

Phyllis Ann Browning, Cincinnati

Kathleen Burk, Independence

James Fredrick Butcher, Middleport

Judith Dianne Butler, Cleveland

Albert Franklin Cameron, III,

Columbus

James Robert Camp, Hilliard

Linda Jo Camphell, Columbus

Dirk Mason Cantrell, Columbus

Linda McCance Carey, Columbus

Robert Marc Caris, Galion

Joyce Ann Carlson, Tallmadge

John Austin Carr, Hendricks, W. Va.

Janice Mazy Casher, Westport

Patricia Wood Cave, Columbus

Sharon Sue Clark, Johnstown

Joan Marie Cogan, Canton

Laura Jeanne Cohen, Akron

Stephen A. Conway, Columbus

William Russell Cottrel, Pemberton

Donald Edward Cox, Marion

Margaret Ruth Davis, Youngstown

Patricia Baker Decker, Marion

Janet Margaret Deverse, Columbus

Marilyn Markle Devine, Newark

Robert Louis DiBella, Columbus

Deborah Ferrell Dibert, Van Wert

Jerry Ronald Dill, Columbus

Leslie Darr Dillinger, Marion

Douglas Michael Dillon, Mansfield

Kathleen Maria Dilsaver, Marion

Judith Cornell Dingleline,

Wapakoneta

Cynthia Louise DiSanto, Parma

Dianne Louise Donkin, Shadyside

Beverly Jane Dorsey, Columbus

Charles Edsel Downing, Lima

Jane Elizabeth Draudt, Grove City

Sharon Kurz England, Columbus

Karen Elizabeth Evans, Columbus

Nonda Struewing Evans, Tipp City

Carol Sunderman Ewers, Columbus

Diane Reeder Ewing, Columbus

Lynn Woodley Faber, Toledo

Glenn Richard Fairbanks, Columbus

Cheryl Zwiebel Fark, Jackson Center

Joseph Edward Farrell, Mansfield

Paul Michael Ferrell, Marysville

Judith Morton Ferrone,

North Olmsted

Kathleen Margaret Finerty,

Astoria, N. Y.

Roselyn Elaine Finley, Mansfield

Frank Robert Fisher, Lima

Richard Wallace Foreman, Columbus

Barbara Anne Foss, Lancaster

Rebecca Rogers Fox, Derby

Susan Lynn Fritz, Columbus

Ida Hoppes Frock, Columbus

Nancy Barrett Fullerton, Westerville

James Lee Garner, Columbus

John Edward Geiger, Hebron

Thomas Jerome Geist, Delaware

Martin David Giffin, Wooster

Mary Schoenheit Gillean, Columbus

Dana Stephen Glass, Groveport

Patricia Campbell Glenn, Columbus

Janet Debrah Goldberg,

East Paterson, N. J.

Wendy Sue Goldfarb, Akron

Alan Dale Gordon, West Carrollton

Carol Johnson Gordon, Kettering

Sandra Gabrie Gould, Norton

Sonia Ann Grieves, Botkins

Michele Lynn Gross, Columbus

Kathy Lynn Hagan, Westerville

Karen Marie Hall, Cleveland

Allen Roger Hancock, Columbus

Sandra Kay Harbage,

South Charleston

Robert Marshall Harding, Dayton

Linda Taylor Harlan, Zanesville

Alice Catherine Harlow, Marion

Barbara Ann Hartman,

Rochester, N. Y.

Robert Ronald Hateley, Grove City

Dennis William Hawke, Medina

Ellen Wedvik Hazard, Columbus

Denasee Ann Heasley, Columbus

Ellen Edwards Hendrix, Columbus

Donald Allan Henrey, Van Wert

Bonnie Kaye Herman, Lexington

Jill Terry Herman, Mayfield Heights

Constance Howell Hermann, Poland

Charles William Hillyard,

Willoughby Hills

Neal Hirsch, Columbus

Constance Levy Horning,

Reynoldsburg

Sharon Lee Hostetler, Millersburg

Gerald Anthony Huss, Columbus

Eric Herbert Innes, Toledo

Donna Joekisch Jackson, Brunswick

Lani Istnick Jacobson, Youngstown

Norma Louise Jenny, DeGraff

Judith Dean Jester, Delphos

James Bruce Jesty, Lakewood

Jean Lynette Johnson, Dayton

Kenneth Roger Johnson, Worthington

Roberta Stewart Johnson, Bellaire

Grace Louella Jones, Columbus

Ralph Fletcher Jones, Kirtland

Judith Diane Jungermann,

Fords, N. J.

Sharon Ina Kagan,

Chambersburg, Pa.

Marlene Donna Kapin,

Cranford, N. J.

Amy Carol Kaplan, Cleveland

Andrea Ricki Kay, Akron

Donna Anita Kelley, Columbus

James Edward Kelley, Columbus

Joseph John Kerata, Cleveland

James William Kerins,

Glen Ellyn, Ill.

Jennifer Wilson Kight, Columbus

Carolyn Lewis Kilbourn, Powell

Gerald Dean King, Columbus

Gregory Charlton King, Columbus

John Walter Kinsel, Columbus

Linda Crawford Kinsel, Columbus

John Robert Kirkpatrick,

Worthington

Marcia Goldberg Klein, Columbus

Karen Elaine Knight, Cincinnati

Eva Maria Kocsis, Columbus

Martin Fred Kohn,

University Heights

Charles David Krider, Columbus

Margaret Rathbun Kruedelbach,

Columbus

Robert Joseph Kurelic, Columbus

Cheryl Ann LaFong, Troy

Thomas Jan Lanich, Urbana  
 Laura Elizabeth Larson,  
     Clarendon Hills, Ill.  
 Howard Bernard Lavy, Jr.,  
     Zanesville  
 Monica Caroline Leimeister, Huron  
 Allen Roger Lemasters, Columbus  
 Robert Benford Lepley, Lancaster  
 Stephen Carroll Light, Kenton  
 Iris Ellen Linn, Cleveland  
 Jean Lueck Lloyd, Madison, Wis.  
 Michael Joseph Losinske, Columbus  
 Carl Edwin Lowe, Columbus  
 Dean Eldon Loy, Ansonia  
 Paula Anne Lubert, Shaker Heights  
 Robin Reinstein Lurie,  
     Brooklyn, N. Y.  
 Shirley Rose Luthman, Celina  
 Richard Lee Lyday, Grove City  
 Merle Elise Maeroff, Miami, Fla.  
 Kathleen Mae Malys, Youngstown  
 Carolyn Jean Manns, Dublin  
 Jay William Marinelli, London  
 Susan Jo Martin, Columbus  
 LaNora Lynn Mason, Greenfield  
 Barbara Blough Mast, Orrville  
 Anne Morrow Matthewson, Delaware  
 Lawrence Michael McCabe, Columbus  
 Valerie Jean McCabe, Franklin  
 Dean Carroll McCullough, Mt. Victory  
 Russell Dirk McDermott, Columbus  
 Gale Marzluf McLinn, Columbus  
 Kathryn Ann McMillan, Cleveland  
 Victoria Lynn McMillan, Columbus  
 Neill Irene Cosner Meckley,  
     Hamilton  
 Sally Frundt Menninga, Columbus  
 Craig William Mercer, Bay Village  
 Janet Klein Mercer,  
     University Heights  
 Elizabeth Ann Miller,  
     St. Petersburg, Fla.  
 Geoffrey Daniels Miller, Gallipolis  
 John Raymond Moens, Akron  
 Linda Gertrude Moosbrugger,  
     Westerville  
 Evelyn Claire Morison, Akron  
 Carl Edward Morosko, Jr.,  
     North Olmsted  
 Kathleen Deibert Morrison, Columbus  
 Marlene McKenzie Morrison,  
     Durham, N. C.  
 Lawrence August Moss, Parma  
 Joseph Henry Mottola, Mentor  
 Kathleen Walker Murph, Cincinnati  
 Gary Blair Musselman, Galion  
 Frederick Alexander Nagy, Columbus  
 Rebecca Wolfe Nelson, Coshocton  
 James Edward Nesbitt, Columbus  
 Nancy Christine Neumann, Galion  
 Carol Antonick Norris, Tucson, Ariz.  
 EleanorAnn Power Northrup,  
     Marion  
 Marilyn Jean Oakley, Columbus  
 Doris Elisabeth Oberlin, Massillon  
 Linda Wiseman Orriss, Granville  
 Vicki Hildyard O'Saben, Westerville  
 Patricia Ellen Pallay, Hudson  
 Robert Eric Parker,  
     Boulder City, Nev.  
 Candyce Pashkewich, Lorain  
 Constance Marie Pastorek, Rossford  
 Patricia Lapworth Pellerite,  
     Columbus  
 Roger Ellis Penrod,  
     Menomonee Falls, Wis.  
 Jane Burkett Perrin, Columbus  
 Michael Scott Peterson, Wilmington  
 Jane Margaret Pfau, Youngstown  
 Polly Gill Pfersick, Washington C. H.  
 Phyllis Marilyn Pigat, Bedford  
 Virginia Kay Pope, Kenton  
 John Hugh Pratt, Columbus  
 Linda Worthington Pugh, Lima  
 Jane Lee Purdy, St. Clairsville  
 Patricia Susan Quinn, Canton  
 Robert Anthony Rao,  
     Hackettstown, N. J.  
 Marianne Rapenport, Columbus  
 Ardith Claire Reed, Cincinnati  
 Phyllis Ann Reid, Brookfield, Ill.  
 Larry Edward Ridener, Cincinnati  
 Arlene Adams Rieger, Lexington  
 Miriam Miller Risser, Columbus  
 Maxine Ruth Stahl Ritter, Cortland  
 Sharon Pemberton Robinson,  
     Columbus  
 Shirley McKinney Roe, Columbus  
 Delores Valentine Rogols, Circleville  
 Mary Champ Roof, Lima  
 Melinda Laurel Ross, Lima  
 Ruby Ziesler Rowles, Gallipolis  
 Lynn Goubeaux Royer, Versailles  
 Jane Ellen Rupp, Pettisville  
 Herbert Arthur Samuel, Columbus  
 Joanne Ruby Sarver, Whittier, Calif.  
     B. A. (California State College,  
     Los Angeles)  
 Lucimari Gem Savon, Bay Village  
 Stephen Eugene Saylor, Columbus  
 Dennis Robert Sazima, Brooklyn  
 Joan Marie Schaefer, Oberlin  
 Marilyn Ann Scheufler,  
     Willoughby Lake  
 Mary Lucille Scott, Canton  
 Terry Palter Sedley, Warrensville  
 Linda Aivalotis Seiferth,  
     East Liverpool  
 Bruno Salvatore Sestito, Jr.,  
     Columbus  
 Bruce Gordon Setloff, Oceanside, N. Y.  
 Geraldine Swisshelm Shane, Xenia  
 Bettie Fox Sherman, Mansfield  
 Nalene Katherine Shore, Columbus  
 Marian Saurborn Shultz, Columbus  
 Rosemary Earnest Sigado, Bucyrus  
 Carolyn Luce Sinclair, Chagrin Falls  
 Robert Alan Slack, Dayton  
 Sandra Carol Slomin,  
     Massapequa, N. Y.  
 Carl Timothy Smith, Logan  
 Lynne Pope Smith, Zanesville  
 Phronie Kitsmiller Smith, Columbus  
 Sharon Sue Smith, Columbus  
 Stephany Denise Smith, Cincinnati  
 Douglas Michael Snapp,  
     Columbus, B. A.  
 Sharon Myra Son, Columbus  
 William Lawrence Sowash,  
     Mansfield  
 William Winston Spencer, Jr.,  
     Columbus  
 David Douglas Stafford, Columbus  
 Joyce Ann Stahl, Mansfield  
 Judith Ross Stanek, Columbus  
 David Lawrence Stanley, Smithville  
 Dale Eugene Starr, Columbus  
 Barry Steven Stebbins,  
     West Alexandria  
 Brenda Joyce Steele, Columbus  
 Charles Ellis Steele, Reynoldsburg  
 Peggy Ann Stephens, Glenmont, B. A.  
 Kathleen Esther Stewart, Dayton  
 Jack Richard Stiers, Coshocton  
 Craig Alan Stine, Chagrin Falls  
 Relda Goergann Stone, Crestline  
 Mickie Dove Strausbaugh, Hebron  
 David Wynford Surrey,  
     Oswego, N. Y.  
 Jeanne Ann Sweeney, Columbus  
 Orest Jeremy Szwabinsky, Parma  
 Dianne Wood Tande, Brecksville  
 Bonnie Lee Teare, Columbus  
 Sandra Beth Tennebaum, Columbus  
 Eileen Louise Timmerman,  
     Burkettsville  
 Alan E. Toops, London  
 Richard Erick Torres,  
     Flushing, N. Y.  
 Jeffery Arnold Tracy, Columbus  
 Thomas Bodwell Trainer, Columbus  
 Sarah Schlencher Traul,  
     Chicago, Ill.  
 Cynthia Trush, Brunswick  
 Richard Cannon Turnbo, Columbus  
 Sandra Ora Turner, Marietta  
 Diane Khourie Turnipseede,  
     Columbus

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

One candidate

<sup>1</sup>John Bruce Bader, Westlake

### Bachelor of Science in Aeronautical and Astronautical Engineering

Ten candidates

Jeffrey Painter Beale, Dayton  
James Forrest Cross, Warren  
Thomas Bernard Curyto,  
Niagara Falls, N. Y.  
James William Henneberger,  
Hamilton  
Raul Alberto Martinez, Miami, Fla.  
James William Morgan,  
Pensacola, Fla.  
John Edward Moro, Lorain  
John David Phillips, Bedford  
Gene Timothy Tagliaferri, Wickliffe  
Lewis Ellis Withrow, Covington, Va.

### Bachelor of Science in Agricultural Engineering

Five candidates

Jan Douglas Austermler,  
Green Springs  
Richard Thomas Boyer, Dayton  
Michael Lee Cramer, West Mansfield  
Harold Lester Klacge, Martin  
Thomas Harry Sorg, Glenford

### Bachelor of Science in Ceramic Engineering

One candidate

Daniel James Belton, Granville

### Bachelor of Chemical Engineering

Five candidates

James Raymond Glendon,  
Cuyahoga Falls  
Eric Anderson Grulke, Berea

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences  
\* Also Master of Science, Graduate School

### Bachelor of Art Education Offered jointly by the College of The Arts and the College of Education

Six candidates

Gwenn Walters Doan, Columbus  
Patricia Bradley Heath, Columbus  
Leslie Jacobs Kippen, Bayside, N. Y.  
Cynthia Palmer O'Hara, Columbus  
Barbara Jean Wince Palmer, Euclid  
Bonnie Schenk VanArsdall, Cincinnati

### Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education

Sixteen candidates

Regis Alan Bookshar, Cleveland  
Laura Ann Connell, Kettering  
Stanislaw Dmitrenko, North Olmsted  
Cheryl Lynn Haines, Kettering  
Ronald Edwin Kurzen, Dalton  
Judith Earlene Markel, Delaware  
Christopher Paul Miller, Marion  
Constance Barrett Nicholson,  
Mt. Sterling  
Paul Donald Quint, Ottawa  
Janet Helen Robbins, Columbus  
Mary Virginia Schilt,  
Cuyahoga Falls, B.Mus.  
Jeffrey Lynn Shipman, Columbus  
John Jacob Shrader, Jeromesville  
David Robert Swindler, Wilmington  
Charles Thomas Warthen, Newark  
Susan Jane Ziemke, Sandusky

Michael Tuttle, Cleveland  
Bonnie Garver Ulsh, Caledonia  
Paula Jean Van Fossen, Strasburg  
Dale Michael Van Lerberghe,  
Wakeman

Ann Elizabeth Ventling, Columbus  
Donald Arthur Vogel, Columbus  
Karen Miller Vornholt,  
New Knoxville

Jacqueline Mary Vossler, St. Marys  
Alyce Whittaker Walden, Mansfield  
\*Herbert Wood Walker, Jr., Columbus  
Sandra Mae Walker, Cardington  
Frank Michael Walko, Wellington  
Madelyn Ruth Waller,  
University Heights

Jacqueline Dove Walters, Lima  
Barbara Ann Walz, Columbus  
Joanne Carmel Weaver, Shelby  
Charles Cary Weber, Columbus  
Karen Williams Weber, Bartow, Fla.  
Jean LeVan Wedding, Raymond  
Sylvia Yearick Weed, Columbus  
Dennis Howard Weisenberg,  
Cleveland

Brian Erwin Weisman, Elyria  
Renee Karner Weiss,  
Cleveland Heights

Judy Beth Weitzner,  
Valley Stream, N. Y.  
Rebecca Jo Wenner, Bucyrus  
Michael Francis Westrick, Ney  
Mary Joanne Weymouth,  
Bellefontaine

Richard Glenn White, Columbus  
David Jay Wilderman,  
Albuquerque, N. Mex.  
Douglas Gregory Williams,  
Miami, Fla.

Tirza Ruth Winer, Oceanside, N. Y.  
Alice Patrie Wing, Marshfield, Wis.  
B.A. (University of Dubuque)  
Julie Studebaker Woodard,  
New Carlisle

Brenda Lynn Woodruff, Columbus  
Pamela Denise Woodrum, Columbus  
Danny Edwin Young, Columbus  
Cornelia Margerete Zeidner,  
Hinckley

Sharon June Zimmerman,  
Rochester, N. Y.  
Patricia Travis Zylstra,  
Reynoldsburg

William Arthur Hodge, Jr.,  
Martins Ferry  
Donald Thomas Kiefer,  
St. Albans, W. Va.  
\*Jeffrey Louis Kosch, Bay Village

**Bachelor of Science in  
Chemical Engineering**

Two candidates

Robert Marion Loar, Metamora  
Armen Tergevorkian, Tehran, Iran

**Civil Engineer**

One candidate

Brewster Dean Martin, St. Clairsville  
B.S. (Ohio University)

**Bachelor of Science in Civil Engineering**

Fifteen candidates

Anthony Jay Collier, West Chester  
Thomas Michael Evans, Columbus  
Timothy James Gooding, Mentor  
Frank David Hardy, Cincinnati  
Oner Mustafa Kurucu, Marion  
George Louis Lignos, Parma  
Larry Allan Londot, Mansfield  
Douglas James Luke,  
Broadview Heights  
Thomas Coy Lunt, Put-in-Bay  
Terry Lester McClain, Lorain  
John Andrew Montell, II, Grove City  
David Eugene Ridenour, Columbus  
Judson Edward Stailey, Dublin  
William James Stuart,  
Chatham, Ont., Canada  
Larry Joseph Zitzke, Columbus

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

Eleven candidates

Thomas Malcolm Barnes, Columbus  
Douglas Lee Blair, Columbus  
David Robert Crebs, West Salem  
Richard Stuart Gray,  
Munich, Germany  
Edwin Carl Harrow, Columbus

Ray Michael Montoro, III, Columbus  
Randolph Morse, Cincinnati  
Thomas Francis O'Masta,  
Youngstown  
Mark Theodore Pachuta, Cleveland  
Greg John Sandrew, Lorain  
Roger Lynn Zaebst, Andover

**Electrical Engineer**

One candidate

Kim Hing Lee,  
Seramat, Johore, Malaysia  
B.S. (Ngee Ann College)

**Bachelor of Electrical Engineering**

Eight candidates

\*Timothy Neil Browning, Columbus  
Alan Robert Cory, Columbus  
\*Robert Lawrence Martinet,  
Massillon  
\*Charles William Meredith, Beverly  
John Robert Poss,  
Colorado Springs, Colo.  
Steven John Struharik, Norton  
\*Alban Oek-Bong Yee,  
New York, N. Y.  
\*Ping Kwan Yee, Columbus

**Bachelor of Science in  
Electrical Engineering**

Thirty-one candidates

Raymond Bruce Alcott, Canfield  
Paul Richard Bishop, Bucyrus  
Philip Wilson Black, Columbus  
Robert Lee Cook, Columbus  
Arthur Eugene Craft, Lima  
James Floyd Fate, Columbus  
David William Hornbeck, Barberton  
Robert Timothy Kemerley,  
Wilmington  
Wai Lee Ko, Dayton  
Allan Deane Kopp, Ashland  
Ron E. Landthorn, Columbus  
Buil Wing Lee, Columbus  
Keen Lee, Akron  
Richard Harvey Mendelsohn,  
Cleveland  
Michael Jerome Mess, Columbus  
Thomas Allen Miller, Lima

Carl Allan Morahan, Mansfield  
James Bruce Nolish,  
University Heights  
David Allen Powell, Carey  
John Earl Price, Bowerston  
Stephen Louis Prine, Harrod  
Edward Morris Robbins, Jr.,  
Brandywine, Md.  
John Richard Samborsky,  
Pickerington  
Thomas Earl Schart, Bellevue  
Patrick David Sullivan, Columbus  
Norman Leigh Vesely, Columbus  
Rollin Keene Wilson,  
Charleston, W. Va.  
Charles Speed Wood, Jr.,  
Shaker Heights  
William Erwin Wrinkle, Jr., Galion  
Bahman Yamin-Afshar, Tehran, Iran  
Richard George Zitzmann, Columbus

**Bachelor of Industrial Engineering**

Two candidates

Douglas Joseph Meszaros, Columbus  
\*Oren Lester Reinbolt, Tiffin

**Bachelor of Science in  
Industrial Engineering**

Ten candidates

James Francis Brady, Scott  
Michael Scott Chambers, Navarre  
Robert Donald Clegg, Pickerington  
Jacob Merle Eshler, Jr., Canfield  
David Lee Hannahs, Circleville  
Steven Jeffrey Podhurst,  
New York, N. Y.  
James Donald Reily, Jr., Yardley, Pa.  
Larry Robert Wiggins,  
New Philadelphia  
Harold Phillip Williams, Shelby  
Douglas Lowell Witwer, Dayton

**Bachelor of Mechanical Engineering**

Two candidates

Arthur Allen Goldstein,  
University Heights  
\*William Noel Patterson, Columbus  
\* Also Master of Science, Graduate School

## College of Law

Dean: James C. Kirby, Jr.

### Bachelor of Science in Mechanical Engineering

Eighteen candidates

Robert Jeffery Bux, Wadsworth  
James Hubert Calvelage, Delphos  
Kenneth Kin-Pan Cheng,  
Kowloon, Hong Kong  
Guy Steven Edington, Troy  
Samuel Toshimi Fujii, Columbus  
Edward Francis Hart, Lancaster  
Alfred Tze-Wai Hsu, Somerset, N. J.  
Clifford Alan Keck, Berea  
David Forest Kelley, Columbus  
Dale Felix Kremer, New Bremen  
Timothy James Ledvina, Parma  
Harold Raymond Lowman, Dayton  
Garry Wayne Prater, Pickerington  
Gene Paul Shumaker, Gallion  
Clinton Lee Syverson, Alliance  
Ohannes Hagob Tchobanian,  
Columbus  
John Lawrence Ucker, Columbus  
Clyde Everett Wilcox, Jr., Chillicothe

### Bachelor of Metallurgical Engineering

One candidate

John George Molnar, Warren

### Bachelor of Science in Engineering Physics

Two candidates

Thomas Edgar Mayfield, Columbus  
William James Smith, Akron

### Bachelor of Welding Engineering

One candidate

\*James Stephen Clark, Columbus

## School of Architecture

### Bachelor of Architecture

One candidate

David Lawrence Betz, Columbus

\* Also Master of Science, Graduate School

### Bachelor of Science in Architecture

Three candidates

Dennis James Anderson, Celina  
Lawrence W. Brandstetter, Cincinnati  
John Aaron Oney, Kenton

### Juris Doctor

Thirty candidates

Aleita Joyce Ailes, Anna  
B.A. (Ohio Northern University)  
John Lynn Alden, Athens  
B.B.A., M.B.A. (Ohio University)  
Rupert Nelms Beetham, Cadiz  
B.S.Bus.Adm.  
John James Charles, Mansfield  
B.A. (Miami University)  
David Jackson DeVries,  
Loudonville, N. Y.  
A.B. (Lafayette College)  
Jay Randall Dingley, Youngstown  
B.B.A. (Ohio University)  
Donald Merle Drake, Columbus  
B.M.E.  
James Joseph Erb, Miami, Fla.  
B.A. (University of Miami)  
Kenneth Andrew Gamble,  
Corunna, Ont., Canada  
B.B.A. (Ohio University)  
James Richard Harris, Columbus  
B.A.  
Michael Stanley Holman, Galloway  
B.S. (United States Naval Academy)  
Michael Richards Johnson, Newark  
B.A.  
Michael Andrew Klemann, Hamilton  
B.A. (Miami University)  
Martin Howard Kodish, Akron  
B.A.  
William Albert Kurtz,  
Cleveland Heights  
B.A. (University of Notre Dame)  
John Howard Lahey, Fairview Park  
B.S. (Miami University)  
Louise Sarah Malbin,  
Cleveland Heights  
B.S.H.E.  
Brian Lee Masony, Fairview Park  
B.S.Bus.Adm.  
John James Moffett, Sandyville  
B.A., B.S.Ed.  
Michael Stuart Nolan, Lakewood  
B.A.  
Roger Donald Paul, Bellevue  
B.A. (Capital University)

## College of Medicine

Dean: John A. Prior, M.D.

Richard Edward Plymale, Ironton  
B.S. (United States Military  
Academy)

Gregory Robert Poore, Fairview Park  
B.A. (Denison University)

Robert Lee Rauzi, Ontario  
A.B. (Oberlin College)

Allan Edward Roth, Columbus  
B.A.

Robert Louis Rothman, Toledo  
A.B. (University of Michigan)

Albert Rusnak, Jr., Wickliffe  
B.S.B.A. (Northwestern University)

Ruth Lawrence Barker Siegfried,  
Wooster  
A.B. (Wilson College)

William Martin Slonaker, Dayton  
B.S.Bus.Adm., M.B.A. (University  
of Dayton)

Joseph Henry Wolkowicz,  
St. Paul, Minn.  
B.A. (University of Minnesota)

### School of Allied Medical Professions

#### **Bachelor of Science in Medical Technology**

Four candidates

Linda Jean Bytsura, Seven Hills  
Larry Lynn Kilgore, Lima  
Patrick Joseph Kunke, Circleville  
Sherry Lynn Thacker, New Holland

#### **Bachelor of Science in Occupational Therapy**

Three candidates

Leslie Joyce Gilbert, Beachwood  
Karen Keller Koyac, St. Henry  
Gail Lemmon Lloyd, Shaker Heights

#### **Certificate of Nurse Anesthetist**

One candidate

Mary Ellen Yarbrough, Cleveland

#### **Certificate of Post Baccalaureate Medical Technologist**

Two candidates

Victoria Rehl Heagren, Springfield  
B.A. (Miami University)  
Dianne Laurette Krech, Columbus  
B.S. (Marietta College)

#### **Certificate of Post Baccalaureate Physical Therapist**

One candidate

Nancy Carolyn Clark, Columbus  
B.S. (Otterbein College)

### School of Nursing

#### **Bachelor of Science in Nursing**

Six candidates

Cheryl Marie Chlebisch, Independence  
Carlean Davis, Cleveland  
Ardith Knapheide Nolte, Columbus  
Barbara Lynn Rice, Jackson  
Cathy Elizabeth Sharp, Millersport  
Mary Alane Tompkin, Columbus

## Graduates with Honors

### Summa Cum Laude

Raymond Vasile Androne, Berea  
Jay Randall Dingley, Youngstown  
Jonathan Kent Ely, Dayton  
James Joseph Erb, Miami, Fla.  
Susan Lynn Fritz, Columbus  
Sandra Kay Harbage,  
South Charleston  
Patricia Laraine Heaton, Columbus  
Michael Stanley Holman, Galloway  
Buil Wing Lee, Columbus  
Kathleen Mae Malys, Youngstown  
Robert Lawrence Martinet, Massillon  
Neill Irene Cosner Meckley, Hamilton  
Joseph James Miglore, Edison  
Phyllis Ella Millsap, Columbus  
Ray Michael Montoro, III, Columbus  
Patricia Allen Pally, Hudson  
William Noel Patterson, Columbus  
David Allen Powell, Carey  
John Earl Price, Bowerston  
Arlene Adams Rieger, Lexington  
Jane Ellen Rupp, Pettisville  
Bettie Fox Sherman, Mansfield  
June Marie Speak, Columbus  
Kathleen Esther Stewart, Dayton  
Norman Leigh Vesely, Columbus  
Sylvia Yearick Weed, Columbus

### Cum Laude

Stephen Frederic Ade, Mansfield  
Raymond Bruce Alcott, Canfield  
Steven Paul Ames, Elmore  
Robert Anthony Baron,  
Maple Heights  
Rupert Nelms Beetham, Cadiz  
Frank Douglas Braun, Cincinnati  
Timothy Neil Browning, Columbus  
Kathleen Burk, Independence  
Linda Jo Campbell, Columbus  
James Raymond Carroll, Cincinnati  
John James Charles, Mansfield  
James Gregory Clark, Columbus  
Alan Robert Cory, Columbus  
Hugh Gunder Creager,  
Santa Ana, Calif.  
Robert Louis DiBella, Columbus  
Jonnie Kaye Edwards, Steubenville  
William Henry Fiely, Dayton  
Eric Anderson Grulke, Berea  
Allen Roger Hancock, Columbus  
Steven Harrington Hanley, Columbus  
James William Henneberger,  
Hamilton

Constance Howell Hermann, Poland  
Tamara House Juba, Columbus  
Barbara Ann Keil, Mansfield  
Jeanne McKelvey Kigerl, Bellaire  
Wai Lee Ko, Dayton  
Martin Howard Kodish, Akron  
William Albert Kurtz,  
Cleveland Heights  
John Howard Lahey, Fairview Park  
Cynthia Maryann Lejsek, Ravenna  
Jean Lueck Lloyd, Madison, Wis.  
Gregory Donald Loose, Kettering  
Louise Sarah Malbin,  
Cleveland Heights  
Charles William Meredith, Beverly  
Ardith Knapheide Nolte, Columbus  
Michael Andrew Oliver, Columbus  
Marianne Randles Parker,  
Worthington  
Robert Eric Parker,  
Boulder City, Nev.  
John Robert Poss,  
Colorado Springs, Colo.  
Robert Lee Rauzi, Ontario  
Edward Morris Robbins, Jr.,  
Brandywine, Md.  
Shirley McKinney Roe, Columbus  
Allan Edward Roth, Columbus  
Robert Louis Rothman, Toledo  
Judy Thaw Rowe, Marion  
Jack William Rupp, II, Westerville  
Albert Rusnak, Jr., Wickliffe  
Alessandro Francesco Sacilotto,  
Cleveland  
William Martin Slonaker, Dayton  
Barbara Jane Tape, Miamisburg  
Joan Mowry Tatgenhorst, Columbus  
Alyce Whittaker Walden, Mansfield  
Constance Jean Waring, Roanoke, Va.  
Julie Studebaker Woodard,  
New Carlisle

### Cum Laude and with Distinction in Animal Science

Rebecca Elaine Gompf,  
Livingston, N. J.

### Cum Laude and with Distinction in Political Science

David Roger Replogle, Columbus

### With Distinction in Agricultural Engineering

Alvis Earl McGaha, Piqua

### With Distinction in Animal Science

John David Bonagura, Clifton, N. J.

### With Distinction in English

Paula Shafer Butterfield, Columbus  
John Charles Camp, Canton

Page 372 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 4, 1972

The Board of Trustees met at its regular monthly meeting on Friday, February 4, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

REPORT BY CHAIRMAN

A. Minnesota Basketball Occurrence

Chairman Shocknessy expressed the Board's deep concern relating to the basketball incident that recently occurred at the University of Minnesota, both with regard to the lack of protection provided this University's student athletes as well as the future of intercollegiate sports. Chairman Shocknessy stated that while the Board does not intend to pass judgment upon anybody involved in this incident at this time, it does urge all who have a responsibility to examine the processes by which intercollegiate sports are conducted. Mr. Shocknessy then called upon Mr. J. Edward Weaver, Director of Athletics, to comment upon the situation.

Mr. Weaver indicated that he believes to date everything which should be done has been done. He reported that the investigation of the incident by both the Commissioner's Office and the University of Minnesota is continuing.

B. November 5 and 6 Incident on North High Street

Mr. Shocknessy reported briefly upon the incident on High Street on November 5 and 6. He stated that President Fawcett had requested Dr. Ted Robinson, Vice President for Student Affairs, to conduct a full investigation of the incident on North High Street the night of November 5 and the early morning of November 6 and to report his findings to the President at an early date. This report has now been submitted to the President as well as to the Mayor's Task Force of the City of Columbus. Dr. Robinson is presently in the process of pursuing the recommendations contained in the report. The administration has given its assurance that those recommendations requiring action by the University will receive full consideration.

C. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

At the last meeting of this Board, a statement was made by a representative of the Undergraduate Student Government with respect to the selection of a President. We are all mindful of the near impossible task of replacing President Fawcett, but we still have to appoint a President whether anybody will be quite as adequate as President Fawcett or not. We have been, as all of you know, in the process of seeking a President for many months. I have before me an article which appears in the February issue of The Ohio State University Monthly which is as comprehensive a statement of the process and of the progress of the presidential search as I believe can be made. The last paragraph of the article for which I especially compliment the Alumni Association says that:

February 4, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

By month's end, it became apparent that the search for a successor to President Fawcett was continuing; that the candidates being considered may or may not be those publicized by the press; that the Trustees had made clear they would not be bound to any of the five finalists named by the Search Committee; that no offer had been made to any prospect; that the Search Committee has been asked for a further list of names; and that when the final selection is made by Trustees it will be announced publicly - and not before.

The search is continuing. I have never and, insofar as I know, no member of this Board has ever either affirmed or denied the accuracy of a so-called list of five candidates which has recently been published in various newspapers. I was asked by a newspaper man just a few days ago, 'Did I know that a man named Chancellor Young had gone to Indonesia,' and I said 'No I don't; who is Chancellor Young?' Now I know who Chancellor Young is, but I am not either affirming or denying that Chancellor Young or anyone else was named on a list presented to the Board of Trustees. The Board of Trustees considers that a high degree of privacy is the right of those persons whom it considers for the Presidency.

At our meeting on December 3, the Board assured the Undergraduate Student Government that when the nominee of those sponsoring the campus elections was presented, the Search Committee would be requested to show that nominee the same consideration and dignity as every other nomination. And accordingly on December 7, at the request of the Board, the Secretary asked the Chairman of the Search Committee to examine the credentials of the nominee resulting from this election whenever that nominee would be presented. The Board did not consider that a list of prospects was final until the nominee obtained from the election had been considered by the Search Committee. It is my understanding that the Search Committee did honor the Board's request by holding a special meeting on the 22nd of December to examine the credentials of this nominee. While it has been asserted many times in our noble and respected campus newspaper that the nominee was not given the same respect as the other nominees, I consider that this nominee was given not only the same respect but more than the other nominees who were not named on the Search Committee's final list, because his credentials were considered singly by the whole committee in a special meeting.

February 4, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

The Search Committee advised the Board that it would not recommend this person for consideration by the Board, and accordingly the Board did not interview him.

The Board only interviewed those whose names were on the list forwarded by the Search Committee and who were available for interview. These interviews were conducted on the 5th and 6th of January with all members of our Board present. No prospect who was interviewed was offered the position of President. We indicated that we would like to be advised, by those whom we interviewed, if they would be receptive of an offer. We also determined before we dispersed on the 6th of January that we would ask for further nominations from the Search Committee, not because we did not respect the work of the Search Committee, not because we did not believe in the ability of the nominees of the Search Committee, but because we thought in the fulfillment of our mission of selecting a President for this great University in these perilous times that we should not confine ourselves to a list quite as narrow as it had become. I said 'it had become,' because one of the nominees of the five advised the Search Committee before we interviewed, that he was not interested in being interviewed. Certain reluctances were indicated in some of the others--reluctances which are characteristic of reaction to considerations such as the Presidency of a university, and such as are characteristic of the reactions of men who are serving in high positions in other universities. Accordingly, on the 17th of January I asked the Chairman of the Search Committee, on behalf of this Board, to present additional names. The Chairman was not asked to present any specific number of names, rather the Chairman was asked to present such names as the Search Committee had before it which the Committee considers worthy based upon its previous considerations. And implied in the request was the right of the Search Committee to go beyond, in any manner it deemed appropriate, to help us procure the best President that can be procured for what we consider the best state university in the United States--the state university in the United States with the greatest potential.

And finally, I wish to emphasize that important as time is, it is not as important as procuring the best man or woman who might be found to fill this position. Panic is not one of our problems. Our problem is procuring the 'best and the greatest' for the 'best and the greatest!' I firmly believe that we shall

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

be able to offer the Presidency to a suitable prospect in ample time, but time will not control the quality. Quality must continue to be our most important concern. We owe it to the University, the educational system, the State, the Nation, and to the man he will be succeeding.

- o -

APPEARANCES

A. Professor Julian H. Markels

Professor Julian H. Markels of the Department of English appeared before the Board to urge the Trustees to sponsor a campus-wide election as the most appropriate method of selecting the new President.

B. Mr. Jeffrey Yapalater

Mr. Yapalater expressed his concerns regarding the manner in which the presidential search was being conducted. He also urged the redesign of the present Search Committee, the reconfirmation of its members, the selection of a president by an election from the slate of candidates selected by the Search Committee, and interview of Staughton Lynd when Mr. Lynd would be in Columbus on February 5.

Mr. Shocknessy stated that he would make himself available to meet with Mr. Lynd on Saturday. He indicated that he would not, however, ask the Board to convene on a caprice. If a meeting with Mr. Lynd and Mr. Shocknessy were arranged, it would be clearly understood that Mr. Shocknessy would be seeing Mr. Lynd not as a candidate for the presidency but to become acquainted with his views of a university. Mr. Shocknessy further indicated that he would be happy to have any member of the Board who was available to join him in this interview and that he would report to the Board concerning the interview. He asked Mr. Yapalater to arrange such an interview.

- o -

February 4, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rules 29.2725 and 51.03, the Deletion of Section 4 of Rule 45.03 and Rule 51.05, and the Addition of Rule 29.2726

On November 9, 1971, the Faculty Council approved the following revision in Rule 29.2725 and the addition of Rule 29.2726 to Rules for the University Faculty (See Appendix V, page 421):

1. Rule 29.2725 provides (a) that the Council on Student Affairs shall recommend to the President a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as a Chief Hearing Officer, and (b) that an array of Hearing Panelists shall be selected by lot consisting of faculty members, undergraduate students, graduate and professional students, and administrative staff members.
2. Rule 29.2726 is a new rule stating that the University will not exercise jurisdiction over disruption cases which are in the criminal courts unless there is a clear and present danger of repeated or continued violations. In such cases procedures for probation and dismissal are set up.

On December 15, 1971, the Faculty Council approved a revision of Rule 51.03 and the deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty:

3. Rule 51.03 as revised sets forth in greater detail than the present rule what constitutes disruption and defines certain terms which are used in the Rule.

It was recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted by the Board of Trustees with the provision that in the event the procedures set forth in Rules 29.2725 and 29.2726 prove to be ineffective, the President, upon his own discretion and after consultation with the Faculty Advisory Committee, may set aside the above Rules, reinstitute the procedures now in effect and return the Rules to the Faculty Council for further study and possible modification.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09, and the Deletion of Rule 29.2707

The Faculty Council on December 15, 1971, approved the following revisions in Rules 13.09, 27.0701, 27.0703, 27.0705, and 27.09, and the deletion of Rule 29.2707. (See Appendix VI, page 427.) These rules call for the establishment of a Research Committee of the Graduate Council and the transfer of existing powers and functions of the present Research Council to this Research Committee.

1. Rule 13.09 deleted the term Research Council and substitutes Graduate Council.
2. Rule 27.0701 provides for changing the number of faculty members on the Graduate Council and provides for student membership on this body.
3. Rule 27.0703 changes the length of terms of the members.
4. Rule 27.0705 transfers the powers and functions of the Research Council to the Graduate Council.
5. Rule 27.09 establishes a Research Committee of the Graduate Council and sets forth its responsibilities.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted by the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

C. Revision of "Master Plan for Don Scott Field"

The official master plan for Don Scott Field as previously approved by the Board of Trustees, requires further modification at this time to accommodate new Federal Aviation Agency regulations and the revision of proposals to incorporate additional planning studies associated with the further development of runway facilities. Among the specific changes included in these revisions are a more detailed delineation of runway configurations, runway approach fans, as well as the inclusion of the animal science facilities presently under construction, minor revisions to reflect current property lines, land acquisition priorities, and land use.

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of "Master Plan for Don Scott Field" (continued)

President Fawcett recommended that the "Master Plan for Don Scott Field," be revised as indicated in the five accompanying maps and that these maps be placed on file with the official records of the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Appointment of Policy Committee for Operation of The Andersons Agricultural Research Fund

At the February 10, 1966 meeting of the Board of Trustees, The Andersons Agricultural Research Fund was established as a permanent endowment fund by the Board of Trustees.

President Fawcett recommended that a Policy Committee comprised of the following four persons be established: the University Provost who will serve as Chairman of the Committee; the Dean of the College of Agriculture and Home Economics; the Treasurer of the University; and one representative of The Andersons.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degree, Doctor of Laws, be conferred on Elliot L. Richardson, United States Secretary of Health, Education and Welfare, at the March 17, 1972 Commencement.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

F. Adoption of University Budget for the Fiscal Year 1971-72

President Fawcett made the following statement and recommendation:

Last July 30 a special Board meeting was called for the purpose of adopting a Provisional University Budget for 1971-72. Action had been deferred until this late date because of the failure of the legislature to act upon an appropriation bill; but, this University could defer no longer and still meet its financial commitments. The Provisional Budget, presented and adopted, anticipated a State subsidy level of \$67,382,000 for the year. This level was selected since it was established in House Bills 475 and 477 which had been passed by the House and were pending in the Senate. Student fee levels were also established on the basis recommended in House Bills 475 and 477 and urged by the Board of Regents.

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

It was anticipated that with possible minor modifications in final legislative action on anticipated resources, a firm budget for the fiscal year 1971-72 could be adopted by this Board no later than early autumn of this past year. However, this University's appropriation was not established by the legislature until December 20, 1971. And I regret to inform you that the support level of \$62,908,500 established by the General Assembly fell short of the previously anticipated support level by \$4,473,500. We have now had an opportunity to reexamine all expenditures called for in the Provisional Budget in an effort to resolve this very substantial difference.

Some resolution of this disparity was received from an unanticipated increased enrollment for the Autumn Quarter. While I will not attempt to provide a detailed explanation as to why our efforts to curtail enrollments this year were not successful, suffice it to say that unanticipated enrollment increases resulted in approximately nine hundred more students than had been projected with an increased fee income of \$730,000 over that which was indicated in the Provisional Budget. An equivalent subsidy increase of \$891,500 was also provided by the State because of this increased enrollment.

During the last several months of fiscal year 1970-71 there were indications that universities might face reductions in anticipated support levels. A number of economy measures were instituted at this University in order to protect ourselves by developing larger year end balances than those projected. Through various economies we were able to close out the fiscal year 1970-71 with a balance of \$1,593,000 over that budgeted. The financial support provided by these three items effectively reduced the net difference between the anticipated and the actual resources obtained by the State to a level of \$1,259,000. To resolve this difference, however, it then became necessary to reduce specific items in the Provisional Budget as follows:

- |   |           |
|---|-----------|
| 1. University operating and<br>equipment allocation | \$584,000 |
| 2. Programmed contract repair<br>projects           | 300,000   |
| 3. Deferred critical problems                       | 375,000   |

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

While the University has effected these reductions, the implications of such action should be fully understood. First, the reduction in University operating and equipment budgets will mean that all areas of the University must operate at the same expenditure levels as they have in the preceding year irrespective of increased costs experienced because of inflation which has been particularly critical in the more sophisticated types of equipment and supplies that universities require. Dramatic increases have also been experienced in the cost of many essential services, particularly utilities. The reduction in contract repair funds is obviously a false economy and cannot be sustained over a very long period of time. And similarly a reduction of this magnitude in funding cannot help but limit our efforts to strengthen existing commitments to say nothing of the additional funds which are needed to support the development of new and innovative programs. Thus the following budget for 1971-72 is presented for your consideration:

Budget for the 1971-72 Fiscal Year

	<u>Provisional Budget</u>	<u>Budget</u>
General Budgets		
Personnel Services	\$ 94, 303, 748	\$ 94, 303, 748
Operating and Equipment	19, 962, 396	19, 378, 396
All Other	<u>8, 453, 369</u>	<u>7, 778, 316</u>
Total	\$122, 719, 513	\$121, 460, 460
Regional Campuses	\$ 4, 621, 000	\$ 4, 427, 000
Restricted Budgets/Expenditures		
Endowments	\$ 1, 115, 000	\$ 1, 115, 000
Federal Grants/Contracts	16, 885, 000	20, 000, 000
Ohio Grants/Contracts	1, 900, 000	1, 950, 000
Private Gifts/Grants	3, 800, 000	3, 800, 000
Research Foundation	16, 500, 000	17, 000, 000
Other	<u>2, 721, 700</u>	<u>2, 721, 700</u>
Total	\$ 42, 921, 700	\$ 46, 586, 700

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

	<u>Provisional</u> <u>Budget</u>	<u>Budget</u>
Rotary and Auxiliary Budgets		
Cooperative Extension	\$ 10,650,000	\$ 11,200,000
University Hospitals	39,530,000	38,740,000
University Dormitories	15,185,000	14,393,000
Intercollegiate Athletics	4,040,000	4,040,000
Departmental Earnings	4,858,000	4,858,000
University Services	2,200,000	2,200,000
All Other Auxiliaries	<u>7,241,000</u>	<u>7,241,000</u>
Total	\$ 83,704,000	\$ 82,672,000
GRAND TOTAL	<u>\$253,966,213</u>	<u>\$255,146,160</u>

Sources of Income for 1971-72 Budget

	<u>Provisional</u> <u>Budget</u>	<u>Budget</u>
Main Campus		
State Subsidy	\$ 67,382,000	\$ 62,908,500
Plus: Additional earnings based upon enrollment	<u>-0-</u>	<u>891,500</u>
Subtotal	\$ 67,382,000	\$ 63,800,000
Student Fees	43,570,000	44,300,000
Other Unrestricted Income	15,100,832	15,100,832
Beginning Balance	1,115,750	2,708,697
Carry Forward to 1972-73	<u>(4,449,069)</u>	<u>(4,449,069)</u>
	\$122,719,513	\$121,460,460
Regional Campuses - All Sources	\$ 4,621,000	\$ 4,427,000
Departmental Earnings	4,858,000	4,858,000
University Services	2,200,000	2,200,000
Auxiliary Operations	76,646,000	75,614,000
Restricted Funds	<u>42,921,700</u>	<u>46,586,700</u>
GRAND TOTAL	<u>\$253,966,213</u>	<u>\$255,146,160</u>

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

While I am asking your adoption of this University budget I must also alert you to an as yet unresolved problem which has developed since our State appropriation was established. During the budget discussions this past year we were fully aware that the 109th General Assembly would probably pass a substantial pay increase bill for civil servants of the State including the approximately 2,550 individuals in this category presently employed by this University. At that time estimates of this increase ranged from 6-16% over and above the normal statutory increases. Additionally, university presidents understood through meetings in the Office of the Board of Regents that while the universities would be obliged to absorb increases for all employees of these universities in equivalent categories to that of State civil service, any action by the General Assembly with reference to civil service employee pay increases would be accompanied by the necessary funds to implement these increases. I regret to report, however, that while the legislature did take the anticipated action in providing a substantial salary increase for the civil servants of this State, which, incidentally, this University fully supported, State universities were specifically exempted from the funds provided to all other State agencies for implementing this increase. Now we find ourselves in the difficult position of enthusiastically supporting the action of the legislature in providing well-deserved increases to our employees and at the same time having to resolve an unanticipated financial obligation to this University which will amount to over \$3 million for the biennium for our civil service employees and a roughly equivalent amount for our employees in our Hospitals, Cooperative Extension, Dormitories, and other auxiliary activities which hold civil service equivalent positions. We have every intention of meeting these obligations even though the exact amount is still to be determined by the Federal Pay Board. As you know, we have initiated a number of improved program budgeting practices during the past several years at all levels within the University in order to anticipate needs and to integrate these needs in a budget plan which would provide for consistent progress toward meeting these obligations within the constraints of increasingly scarce resources. In doing this, we have been able to provide, each year, minimal but consistent growth to continuation budgets and initiation of the most critical new and improved programs. When the amount of the State civil service increases is established, we will make every attempt to resolve this liability through reevaluation of this current budget plan hopefully without having to effect any major revisions to existing budget levels. Some alternatives will include the possibility

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

of additional temporary investment resources of \$200,000; anticipated year end balances due to stringent controls on budgets; possibility of additional special subsidy from the Ohio Board of Regents; and use of a portion of our emergency reserves.

I am now recommending the adoption of the University Budget for 1971-72 presented above and authorization to make the necessary adjustments in the various budgets required by the civil service pay increase bill once this University's liability has been determined through reevaluation of income and budget levels.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees approved the University Budget for 1971-72 by unanimous roll call vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the December 3, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointment

Richard P. Goldthwait, Acting Dean of the College of Mathematics and Physical Sciences, effective January 1, 1972, at a salary of \$27,012.00 per annum.

B. Promotions

G. Edwin Howe from Associate Administrator of University Hospitals to Director of Hospital Administration, effective immediately, at a salary of \$26,328.00 per annum.

John B. Gabel from Acting Chairman of the Department of English to Chairman of the Department of English, effective immediately, at a salary of \$23,088.00 per annum.

Adalbert Koestner from Acting Chairman of the Department of Veterinary Pathology to Chairman of the Department of Veterinary Pathology, effective immediately, at a salary of \$30,048.00 per annum.

February 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Ronald L. Overmyer, Instructor (County Extension Agent, 4-H) Ottawa County, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

James F. Engel, Professor, College of Administrative Science - Academic Faculty of Marketing, effective January 1, 1972 through September 30, 1972, to serve as Visiting Professor in the Graduate School at Wheaton College, Wheaton, Illinois.

Audrey Jean Naylor, Associate Professor, Department of Pediatrics, effective November 1, 1971 through June 30, 1972, to participate in a study tour of three European countries.

James W. Vander Zanden, Associate Professor, Department of Sociology, effective January 1, 1972 through March 31, 1972, to prepare manuscript for a book.

E. Emeritus Titles

John H. Herrick, Division of Campus Planning, with the title Executive Director Emeritus, effective February 1, 1972.

Chalmer G. Hixson, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective September 1, 1971.

Florence L. Lloyd, School of Home Economics, with the title of Professor Emeritus, effective December 1, 1971.

Francis P. Robinson, Department of Psychology, with the title Professor Emeritus, effective January 1, 1972.

President Fawcett recommended that the Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(November 13, 1971 - January 7, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	21	\$ 833,115.00
Government Research - State	1	39,954.00
Industrial and Other Research	9	200,281.00
<u>Grants</u>		
Government Research - Federal	23	1,151,976.00
Industrial and Other Research	<u>5</u>	<u>30,740.00</u>
Totals	59	\$2,256,066.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Project No. 1398-E - Mod. #8-2 - Department of Chemistry).  
Gross Value - \$40,299.00.
- b. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-E - Mod. #6-2 - Department of Zoology).  
Gross Value - \$15,848.00.
- c. Department of Navy, Office of Naval Research, Arlington, Virginia, Nonsimilar Solution of Binary Boundary Layers (to be known as Project No. 2362 - Mod. #4 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$17,000.00.
- d. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-D - Mod. #2-3 - Department of Chemistry).  
Gross Value - \$47,036.00.
- e. Department of Navy, Office of Naval Research, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Mod. #3 - Department of Metallurgical Engineering).  
Gross Value - \$22,000.00.
- f. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-B1 - Mod. #P00006 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- g. Department of Navy, Office of Naval Research, Arlington, Virginia, Adaptive Antenna Arrays for Aircraft Communications Systems (to be known as Project No. 3098-A1 - Mod. #2 - Department of Electrical Engineering).  
Gross Value - \$76,094.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Research on Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise (to be known as Project No. 3189-A1 - Amend. #P00003 - Department of Otolaryngology).  
Gross Value - \$15,500.00.
- i. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, The Investigation of High-Temperature Oxidation Reactions (to be known as Project No. 3194-A1 - Mod. #P00003 - Department of Metallurgical Engineering).  
Gross Value - \$30,000.00.
- j. Department of the Army, Harry Diamond Laboratories, Washington, D. C., A Study to Improve the Performance of Electrically Small Antennas Located in Small Dielectric Nose Cones (to be known as Project No. 3281-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- k. Department of Air Force, Air Force Systems Command, Headquarters, Wright Patterson Air Force Base, Ohio, Development of a Duoplasmatron Excitation Technique for Measuring Flow Properties Around High Speed Vehicles (to be known as Project No. 3361-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$60,000.00.
- l. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Radioprotective Agents - Stereochemical Studies (to be known as Project No. 3363-A1 - New - College of Pharmacy).  
Gross Value - \$25,908.00.
- m. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Multi-function TDMA Techniques (to be known as Project No. 3364-A1 - New - Department of Electrical Engineering).  
Gross Value - \$147,992.00.
- n. Department of the Army, Headquarters, U. S. Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodium Berghei Antigens (to be known as Project No. 3365-A1 - New - Department of Microbiology).  
Gross Value - \$13,138.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- o. Department of Air Force, Electronic Systems Division, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-A1 - New - Department of Geodetic Science). Gross Value - \$64,196.00.
- p. Department of Air Force, Electronic Systems Division, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-B1 - New - Department of Geodetic Science). Gross Value - \$35,661.00.
- q. Department of Commerce, Office of Minority Business Enterprise, Washington, D. C., Minority Business Enterprise Research (to be known as Project No. 3371-A1 - New - College of Administrative Science - Division of Continuing Education). Gross Value - \$2,400.00.
- r. 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 (to be known as Project No. 3374-A1 - New - Department of Veterinary Pathology). Gross Value - \$75,226.00.
- s. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Continuation of Experimental Study of Helicopter Rotor Blade Boundary Layers (to be known as Project No. 3375-A1 - New - Department of Mechanical Engineering). Gross Value - \$54,391.00.
- t. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., The Relationship Between DDT, Eggshell Thinning and Parathyroid Functions in Birds (to be known as Project No. 3376-A1 - New - Department of Zoology). Gross Value - \$13,375.00.
- u. Department of Air Force, Space and Missile System Organization, Air Force Systems Command, Norton Air Force Base, California, Electrically Small Antennas for Nose Cone Applications (to be known as Project No. 3378-A1 - New - Department of Electrical Engineering). Gross Value - \$51,051.00.

TOTAL - Government Contracts - Federal \$833,115.00

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Government Research Contract - State

- a. State of Ohio, Department of Liquor Control, Columbus, Ohio, A Comprehensive Review of Ohio Department of Liquor Control's Policies and Procedures (to be known as Project No. 3263-A1 - New - College of Administrative Science - Academic Faculty of Marketing).  
Gross Value - \$39,954.00.

3. Industrial and Other Research Contracts

- a. Illuminating Engineering Research Institute, New York, New York, Studies of the Illuminating Requirements for Roadway Visual Tasks (to be known as Project No. 872 - Sup. #14 - Institute for Research in Vision).  
Gross Value - \$5,000.00.
- b. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885 - Ext. #14 - Department of Biophysics).  
Gross Value - \$21,400.00.
- c. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885-A - Ext. #5 - Institute for Research in Vision).  
Gross Value - \$15,500.00.
- d. American Petroleum Institute, Washington, D. C., An Investigation of the Effects of Sulfur Dioxide on Human Subjects (to be known as Project No. 2987 - Sponsor Ltr. Dtd. 12/15/71 - Department of Preventive Medicine).  
Gross Value - \$108,000.00.
- e. A. Earl Cullum, Jr., and Associates, Consulting Engineers, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - Sponsor Ltr. Dtd. 11/9/71 - Department of Electrical Engineering).  
Gross Value - \$2,500.00.
- f. A. Earl Cullum, Jr., and Associates, Consulting Engineers, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - Sponsor Ltr. Dtd. 12/6/71 - Department of Electrical Engineering).  
Gross Value - \$7,500.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- g. The Duriron Company, Inc., Post Office Box 1145, Dayton, Ohio, The Ductility of Alloy Castings (to be known as Project No. 3366-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$24,988.00.
- h. Research for Better Schools, Inc., Suite 1700, Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-A1 - New - College of Education).  
Gross Value - \$5,000.00.
- i. Dayton Board of Education, Dayton, Ohio, Program Audit Services for Project EMERGE, Dayton Public Schools (to be known as Project No. 3373-A1 - New - College of Education).  
Gross Value - \$10,393.00.

TOTAL - Industrial and Other Research Contracts \$200,281.00

4. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as Project No. 887-M - Ext. #13 - Department of Psychology).  
Gross Value - \$25,967.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Study Group (to be known as Project No. 1094-L - Ext. #12 - Department of Medicine).  
Gross Value - \$51,472.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as Project No. 1882-G - Ext. #7 - Department of Psychiatry).  
Gross Value - \$15,929.00.
- d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #6 - Department of Electrical Engineering).  
Gross Value - \$115,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-D - Ext. #4 - Department of Medicine).  
Gross Value - \$230,274.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Pathology of Thyrocalcitonin Allied Disease (to be known as Project No. 2766-B - Sup. #1 - Department of Veterinary Pathology).  
Gross Value - \$7,354.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Hypocholesterolemic Agents-Stereochemical Studies (to be known as Project No. 2769-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$34,440.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A3 - Ext. #3 - College of Veterinary Medicine).  
Gross Value - \$72,270.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspects of Male Reproduction (to be known as Project No. 2866-B - Ext. #2 - Department of Dairy Science).  
Gross Value - \$139,584.00.
- j. National Science Foundation, Washington, D. C., Annual Symposia on Molecular Structure and Spectroscopy (to be known as Project No. 2983 - Sponsor Ltr. Dtd. 12/14/71 - Department of Physics).  
Gross Value - \$3,300.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Correlative Postnatal Vestibular Development (to be known as Project No. 2988-B - Ext. #2 - Department of Anatomy).  
Gross Value - \$12,671.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- l. National Science Foundation, Washington, D. C., Nonsplit Lie Algebras and Algebraic Groups (to be known as Project No. 3224-A1 - Sponsor Ltr. Dtd. 12/23/71 - Department of Mathematics).  
Gross Value - \$19,800.00.
- m. National Science Foundation, Washington, D. C., Graph Connectivity (to be known as Project No. 3240-A1 - Sponsor Ltr. Dtd. 12/2/71 - Department of Mathematics).  
Gross Value - \$5,000.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Research Center for Acute Spinal Injury (to be known as Project No. 3358-A1 - New - Department of Surgery).  
Gross Value - \$78,721.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Electrochemistry of Luminescence and Excited States (to be known as Project No. 3359-A1 - New - Department of Chemistry).  
Gross Value - \$37,229.00.
- p. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Surface Properties of Metals (to be known as Project No. 3360-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$39,776.00.
- q. National Science Foundation, Washington, D. C. Spectrophotometry of Late-Type Stars (to be known as Project No. 3367-A1 - New - Department of Astronomy).  
Gross Value - \$32,800.00.
- r. Department of Health, Education and Welfare, Office of Education, Chicago, Illinois, A Study of the Impact of the Verbal Environment in Mathematics Classrooms on Seventh-Grade Students' Logical Abilities (to be known as Project No. 3369-A1 - New - College of Education).  
Gross Value - \$9,989.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- s. National Science Foundation, Washington, D. C., Liquid  $^3\text{He}$ - $^4\text{He}$ -Mixtures at Low Temperatures (to be known as Project No. 3370-A1 - New - Department of Physics).  
Gross Value - \$84,800.00.
- t. Department of Navy, Office of Naval Research, Arlington, Virginia, International Conference on Localized Corrosion (to be known as Project No. 3382-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$8,000.00.
- u. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-A1 - New - Department of Biochemistry).  
Gross Value - \$47,356.00.
- v. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-B1 - New - Department of Chemical Engineering).  
Gross Value - \$46,037.00.
- w. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-C1 - New - Department of Food Science and Nutrition).  
Gross Value - \$34,207.00.

TOTAL - Government Research Grants - Federal \$1,151,976.00

5. Industrial and Other Research Grants

- a. The Deafness Research Foundation, New York, New York, Scanning Electron Microscopic Investigation of the Inner Ear (to be known as Project No. 2982-B - Sponsor Ltr. Dtd. 12/15/71 - Department of Otolaryngology).  
Gross Value - \$10,000.00.
- b. The Deafness Research Foundation, New York, New York, Experimental Infection of the Ear - An Electromicroscopic Observation (to be known as Project No. 3161-A2 - Sponsor Ltr. Dtd. 12/15/71 - Department of Otolaryngology).  
Gross Value - \$10,000.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- c. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio,  
An Attempt to Produce Metastasis in Experimentally Produced  
Carcinoma of the Breast (to be known as Project No. 3357-A1 -  
New - Department of Pathology).  
Gross Value - \$4,000.00.
- d. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio,  
Immunotherapy of Lymphoid Leukemia (to be known as Project  
No. 3362-A1 - New - Department of Microbiology).  
Gross Value - \$4,000.00.
- e. American Veterinary Medical Association Foundation, Chicago,  
Illinois, Development of a Compressing Plating Technique for  
the Treatment of Long Bone Fractures in Horses (to be known as  
Project No. 3379-A1 - New - Department of Veterinary Clinical  
Sciences).  
Gross Value - \$2,740.00.

TOTAL - Industrial and Other Research Grants \$30,740.00

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: November 16, 1971 - January 13, 1972)

	No. of Projects	Gross Value
Government Research Contracts	2	\$70,000.00
Industrial Research Contracts	<u>2</u>	<u>20,500.00</u>
	4	\$90,500.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 406X      Field Study of Subgrade Compaction, Ohio Department of  
Highways, Columbus, Ohio.  
Gross Value - \$40,000.00.

EES 407X      Implementing Sign Research Results Into Operational  
Practices, Ohio Department of Highways, Columbus,  
Ohio.  
Gross Value - \$30,000.00.

TOTAL - Government Research Contracts \$70,000.00

2. Industrial Research Contracts

EES 307X      Experimental Determination of Combustibility, American  
Ext. #6      Iron and Steel Institute, New York, New York.  
Gross Value - \$13,500.00.

EES 383X      Development and Study Program for Heat Losses,  
Ext. #2      Columbus and Southern Ohio Electric Company,  
Columbus, Ohio.  
Gross Value - \$7,000.00.

TOTAL - Industrial Research Contracts \$20,500.00

\*

\*

\*

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: November, 1971 and December, 1971)

Grants  
Office of Finance and Treasurer \$1,207,862.16

Gifts  
The Ohio State University Development Fund

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	6,795	\$ 378,986.84
Individuals Other than Alumni	1,978	204,683.05
Business Concerns	87	165,889.25
Foundations and Nonprofit Organizations	<u>95</u>	<u>261,066.67</u>
Totals	8,955	\$1,010,625.81

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

- o -

ANNUAL REPORT, 1971

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	28,823	\$1,062,302.00
Individuals Other than Alumni	5,021	803,098.00
Business Concerns	541	978,193.00
Foundations and Nonprofit Organizations	<u>521</u>	<u>1,098,812.00</u>
Totals	34,906	\$3,942,405.00

Upon motion of Mr. Eckley, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$340,835.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for support of Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through June 30, 1972. (Grant No. 5 G03 RM 00022-02A3)
2. \$190,161.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05409-11)
3. \$143,008.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Comparative Pathology - Training Grant, under the direction of the Department of Veterinary Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01052-10)
4. \$94,000.00 granted by Ohio Board of Regents, Columbus, Ohio, to the University for support of An Urban Extension Program for Central Ohio, under the direction of the Division of Continuing Education. This grant is made under Title I of the Higher Education Act of 1965.
5. \$90,423.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1972. (Grant GW-6970, Proposal No. 2/0236)
6. \$54,963.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Geology for Secondary School Teachers, under the direction of the Department of Geology. This grant expires September 30, 1972. (Grant GW-6910, Proposal No. 2/0098)
7. \$51,294.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Environmental Sciences for Secondary School Teachers, under the direction of the College of Education. This grant expires June 30, 1973. (Grant GW-7021, Proposal No. 2/1063)
8. \$45,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05607-06)

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$42,769.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1972 through December 31, 1972. (Grant No. 1 S01 RR05742-01)
10. \$38,880.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for support of Emergency Certification Program for Prospective Teachers of Industrial Arts Education, under the direction of the College of Education, for the period January 1, 1972 through August 31, 1972.
11. \$31,378.00 granted by National Science Foundation, Washington, D. C., to the University for support of Cooperative College-School Science Program, under the direction of the College of Education. This grant terminates June 30, 1973. (Grant GW-7158, Proposal No. 2/1631)
12. \$28,247.00 granted by National Science Foundation, Washington, D. C., to the University for support of Cooperative College-School Science Program, under the direction of the College of Education. This grant terminates June 30, 1973. (Grant GW-7148, Proposal No. 2/1726)
13. \$18,263.16 granted by 2750th ABW/PMA, Prime Procurement Branch, Building 2, Area C, Wright Patterson Air Force Base, Ohio, to the University for support of instructional program in the area of Geodetic Science for Air Force personnel. (Contract No. F 33600-72-C-0269)
14. \$15,695.00 granted by National Science Foundation, Washington, D. C., to the University for support of Short Course on Junior High School Science Programs for Principals and Curriculum Supervisors, under the direction of the College of Education. This grant will terminate on September 30, 1972. (Grant GW-7306, Proposal No. 2/2163)
15. \$10,813.00 additional grant by United States Department of Justice Law Enforcement Assistance Administration, Washington, D. C., to the University for support of Law Enforcement Education Program, for the period July 1, 1971 through June 30, 1972. (Transaction No. 003090-2-72-2-1)
16. \$6,067.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Cardiology - Training Grant, under the direction of the Department of Medicine, for the period November 1, 1971 through June 30, 1972. (Grant No. 3 T01 HE05786-05S1)

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

17. \$2,000.00 granted by Department of Interior, Office of Saline Water, Washington, D. C., to the University for participant's attendance at an International Conference on Localized Corrosion, under the direction of the Department of Metallurgical Engineering, for the period December 6, 1971 through December 10, 1971. (Grant No. 14-30-2996)
18. \$2,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for U. S. Loan Program for Cuban Students, under the direction of the Office for Student Financial Aids, for the Winter Quarter. (Vendor No. 003090)
19. \$1,891.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Cardiology - Training Grant, under the direction of the Department of Medicine, for the period November 1, 1971 through June 30, 1972. (Grant No. 3 T01 HE05546-11S1)

B. The Ohio State University Development Fund

1. \$64,934.34 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
2. \$60,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism.
3. \$28,000.00 from the Camille and Henry Dreyfus Foundation, Inc., New York, New York, for use of the Department of Chemistry for the development of new educational programs.
4. \$27,700.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
5. \$22,954.16 from the Trust under the Will of Henry T. Ritter, Toledo, Ohio, for the establishment of the Henry T. Ritter Fund.

Henry T. Ritter Fund

The Henry T. Ritter Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with a bequest from Henry T. Ritter, late of Toledo, Ohio.

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

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

5. Henry T. Ritter Fund (continued)

The annual income is to be used by the College of Agriculture and Home Economics for the advancement of horticulture insofar as it relates to the study of pot plants, through research, scholarships, and such other means as may be deemed practical and appropriate. The principal may be invaded and used if necessary or required.

6. \$20,415.00 from Bell Telephone Laboratories, Columbus, Ohio, for the Bell Telephone Laboratories Research Fund in the College of Engineering.
7. \$20,000.00 from an anonymous donor for the Novice G. Fawcett Professorship in Educational Administration.
8. \$20,000.00 from the C. R. Porthouse Charitable Trust and the Porthouse Foundation Income Account, Ravenna, Ohio, for the Joseph Koffolt Scholarship Award in Chemical Engineering.
9. \$19,111.37 from the Glenna R. Joyce Trust Scholarship Fund, Columbus, Ohio, for scholarships.
10. \$16,000.00 from the Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for scholarships.
11. \$14,200.00 from General Motors Corporation, Detroit, Michigan, for the General Motors Scholarship Fund.
12. \$13,800.00 from the Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
13. \$12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Battelle Professorship in Theoretical Chemistry.
14. \$10,934.00 from Children's Hospital - Dispatch Charities - Pro-Am Championship, Columbus, Ohio, for the Robert K. Barton Memorial Fund for the College of Law.
15. \$10,000.00 from Craig Corporation of Delaware, Inc., Newark, Ohio--\$5,000.00 for the College of Dentistry and \$5,000.00 for scholarships for students attending the Newark Campus.
16. \$10,000.00 from G. D. Searle & Company, Chicago, Illinois, for research in the College of Medicine.
17. \$10,000.00 from National/Ohio 4-H Foundation Campaign for its endowment fund.
18. \$10,000.00 from Parke, Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

19. \$10,000.00 from Sunshine Charities, Inc., Lakewood, Ohio, for the establishment of The H. T. Bradner Fund for the College of Law.

The H. T. Bradner Fund for the College of Law

The H. T. Bradner Fund for the College of Law was established February 4, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Sunshine Charities, Inc., of Cleveland, Ohio, made in memory of H. T. Bradner.

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

The income is to be used for the benefit of the College of Law, as determined by the Dean of said College, subject to established University procedures.

In the event that said College of Law as it now exists should be altered in any reorganization of the University, Colleges, Schools, and Departments, the Board of Trustees or successor governing body of the University shall direct the use of income within the field of Law as stipulated above, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

20. \$9,985.75 from Mr. Carlyle M. Baker, Columbus, Ohio, as an undesignated gift to the University.
21. \$9,400.00 from Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for infectious disease research.
22. \$9,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the Center for Tomorrow Fund.
23. \$9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
24. \$7,693.75 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, for the College of Medicine.
25. \$6,000.00 from the Estate of Arene T. Wray, Los Angeles, California, to establish a fellowship fund in the College of Optometry.
26. \$5,400.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

27. \$5,375.94 from the Estate of Dorothy Dye Henry, Columbus, Ohio, for the College of Veterinary Medicine.
28. \$5,243.75 from Miss Mary Lou Johnson, Kenton, Ohio, for the Ophthalmologic Center Fund.
29. \$5,075.00 from John D. Drinko, Cleveland, Ohio--\$4,000.00 for the College of Law Emergency Fund and \$1,075.00 to establish an endowed fund in the College of Law.
30. \$5,075.00 from Mrs. Ethel B. Peterson, Cleveland, Ohio, for a project to be designated at a later date.
31. \$5,050.00 from Mr. J. S. Reid, Cleveland, Ohio, for the College of Medicine.
32. \$5,022.00 from African American Institute, New York, New York, for the African American Fellowship Fund.
33. \$5,000.00 from Mr. Ervin G. Bailey, Easton, Pennsylvania, for the College of Engineering.
34. \$5,000.00 from Buckeye International Foundation, Columbus, Ohio, for the establishment of the Helen Reese Heimberger and William W. Heimberger Memorial Fund.

Helen Reese Heimberger and William W. Heimberger Memorial Fund

The Helen Reese Heimberger and William W. Heimberger Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends and colleagues of Helen Reese Heimberger, B. A. '16, and William W. Heimberger, B. E. M. '16, husband and wife, late of Columbus.

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

The annual income is to be used for the College of Engineering. At the request of Mr. and Mrs. Heimberger's family, preference in the use of the annual income is to be given to the College of Engineering's Department of Metallurgical Engineering.

Should the College of Engineering or the Department of Metallurgical 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 of the appropriate administrative official of the University who is then directly responsible for engineering education.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

35. \$5,000.00 from the Clow Foundation, Chicago, Illinois, for research in the College of Medicine.
36. \$5,000.00 from Esso Education Foundation, New York, New York, for its fellowship in Chemical Engineering.
37. \$5,000.00 from Mr. Ralph Heffner, Jr., and the Heffner Construction Company, Celina, Ohio, for a project to be designated at a later date.
38. \$5,000.00 from Dr. James W. Keller, Springfield, Ohio, for research in the Department of Surgery.
39. \$5,000.00 from Mrs. H. Richard P. Niehoff, Columbus, Ohio, for blood research in the College of Medicine.
40. \$5,000.00 from Pharmacia Laboratories, Piscataway, New Jersey, for gastroenterology research.
41. \$5,000.00 from Robert B. Smith, Balboa Island, California, for the Alpheus W. Smith Lectureship Fund.
42. \$5,000.00 from Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois--\$3,000.00 for distinguished teachers' awards and \$2,000.00 as an unrestricted gift to the University.
43. \$4,700.00 from the family, friends, and former students of Ernest R. Biggs for the establishment of The Ernest R. Biggs Memorial Fund.

The Ernest R. Biggs Memorial Fund

The Ernest R. Biggs Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, friends, and former students of Ernest R. Biggs, B.S. Ed. '39, M.A. '41, Athletic Trainer at the University from 1942 to 1971, 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 University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships to students enrolled in the School of Health, Physical Education and Recreation and who have declared an intention to major in athletic training, a series of courses presently known as the Care and Prevention of Athletic Injuries. Recommendations are to be made by the Director of the School of Health, Physical Education and Recreation; awards are to be made by the University's Scholarship Committee.

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

43. The Ernest R. Biggs Memorial Fund (continued)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Health, Physical Education and Recreation or the Scholarship Committee 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 of the appropriate administrative official of the University who is then directly responsible for the education of athletic trainers.

44. \$2,645.00 from the family, faculty colleagues, former students, and friends of Dr. Foster Rhea Dulles for the establishment of the Foster Rhea Dulles Memorial Fund.

Foster Rhea Dulles Memorial Fund

The Foster Rhea Dulles Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, faculty colleagues, former students, and friends of Dr. Foster Rhea Dulles, a distinguished Professor of History at the University from 1941 until his retirement in 1965, who also served as Chairman of the Department from 1953 until 1958, 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 University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to advance teaching and research in American History, particularly in the history of the United States in the twentieth century, the area in which Professor Dulles made his major contribution as teacher and scholar. The specific uses may include, but are not limited to, scholarships, awards, research assistance and library acquisitions. Determination upon the use of the income is to be made by the Chairman of the Department of History in consultation with his faculty and upon approval of the Dean of the College of Humanities.

Should the Department of History or the College of Humanities 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 of the appropriate administrative official of the University who is then directly responsible for teaching American History.

\*

\*

\*

February 4, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Mansfield Technical Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$871,235.00	\$870,349.76	(\$ 885.24)

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

The credit on this project will be reflected in Item 315-060.

B. Pomerene Hall--Women's Swimming Pool and Ceiling and Lighting Improvements

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 22,140.00	\$ 24,637.00	\$2,497.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for these changes have been provided by Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

A. Airport Development--1971

This project will provide improvements to the airport facilities including extension of Runway 9R-27L, development of parallel training runway, new and resurfaced taxiways, additional aircraft parking areas, improved lighting, and connection for new State and National Guard hangars with the existing runway and taxiway complex.

Funds for this project will be provided in Budget Account 801249 contingent upon receipt of Federal Grant.

Upon motion of Mr. Dorsey, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote and contingent upon receipt of the Federal Grant the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

B. Ohio Stadium, Intramural and Recreational Lighting System

This project will provide a floodlighting system capable of providing a light level on the football field and track facilities necessary for night intramural and recreational activities.

Funds for this project have been provided from Budget Account 999000 (Athletic Reserve) and transferred to Budget Account 801256 (Ohio Stadium Lighting).

C. Completion of Third Floor - Center for Tomorrow

This project entails the completion of the third floor which was not completed under the original building contract.

Funds for this project have been provided from private contributions.

D. Airport Building--Hangars No. 1, No. 2, and No. 3, Repair to Roof (3160 Case Road)

This project involves the removal and replacement of approximately 275 squares of roof and valleys on the three hangar roofs.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

E. Biological Sciences Building--Air Conditioning Rooms 116, 120, 127, and 129

This project involves the installation of a ten-ton air conditioning system capable of serving Rooms 116, 120, 127, and 129. This system shall be separate from the building central air conditioning system.

Funds for this project have been provided from Budget Account 801137 (Biological Sciences Building).

F. Electrical System Repairs 1972--(Brown Hall, Hagerty Hall, Page Hall)

This project involves the installation of new service switchboards and panelboards with associated wiring necessary to serve the load requirements of the buildings.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

G. Means Hall, Roof Repairs 1972

This project involves the installation of insulation and replacement of approximately 200 squares of roofing.

Funds for this project have been provided from Budget Account 801255 (Means Hall Roof).

H. Optometry Building, Improvements to Air Conditioning

This project will improve the environmental control for the building by increasing the heating and air handling capability of the central air handling system.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

I. Roadway Repairs 1972--Roads South of Agricultural Administration Building

This project involves repair of the roadway parallel to the south side of the Agricultural Administration Building and Stadium Drive from the bridge to the intersection of Coffey Road. This repair is necessary because of the constant wear by large buses.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

J. University Hospital, Renovation of 11th Floor West

This project will modernize the infectious disease area to conform to community standards and update services to comply with most recent medical practice.

Funds for this project have been provided from Budget Account 801257 (Air Condition and Remodel 11th Floor West).

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Natatorium--Roof Repairs 1971 - 321 West 17th Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 12-3-71)		
Superior Roofing Company (Columbus)	\$45,555.00	\$91,100.00

Funds for this project have been provided by Budget Account 124358 (Contract Repair).

B. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 2-1-72)		
Waller & Lund, Inc. (Columbus)	\$ 4,970.00	\$11,977.00
<u>Plumbing Contract</u>		
(6 bids received 2-1-72)		
Julian Speer Company (Columbus)	\$ 9,960.00	\$26,100.00

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(7 bids received 2-1-72)		
Julian Speer Company (Columbus)	\$20,220.00	\$36,365.00
 <u>Electrical Contract</u>		
(9 bids received 2-1-72)		
Electric Power & Equipment Co. (Columbus)	\$ 8,726.00	\$14,821.00
 <u>Total All Contracts</u>	 <u>\$43,876.00</u>	 <u>\$89,263.00</u>

Funds for this project have been provided from Budget Account 801183 (Goss Laboratory Remodeling).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

- 1 Approves the release of \$795,334.00 from Item 366-001 "Agricultural Technical Institute, The Ohio State University, Wooster," H. B. 988, to provide funds for equipment and contingencies to complete the project.
- 2 Approves the release of \$60,546.00 from Item 315-067 "University College, Phase III," H. B. 988, to provide funds to continue with planning on the project.
- 3 Approves the release of \$561,319.00 from Item 315-068 "College of Agriculture: Land, Barns and Teaching Facilities," H. B. 988, to provide funds for equipment and contingencies for the project "Animal Science Livestock Center." Also approves the award of three extra orders each in excess of \$10,000.00 without competitive bidding.
- 4 Approves the release of \$15,886.00 from Item 315-071 "College of Optometry Clinical Facilities," H. B. 988, to provide funds to continue with planning on the project.
- 5 Approves the release of \$39,556.00 from Item 315-064 "Journalism Building Expansion," H. B. 988, to provide funds to continue with planning on the project.

VIII. CONTROLLING BOARD REQUESTS (continued)

- 6 Approves the release of \$39,633.00 from Item 315-077 "Clinical Medical Sciences Education Facility," H. B. 988, to provide funds to continue with planning on the project.
- 7 Approves the release of \$51,268.00 from Item 315-074 "Utilities and Renovation," H. B. 988, to provide funds to continue with the various utility and renovation projects.
- 8 Approves the release of \$10,000.00 from Item 315-078 "University Hall Complex," H. B. 988, to provide funds to continue with planning on the project.
- 9 Approves the release of \$44,258.25 from Item 315-078 "University Hall Complex," H. B. 988, to provide funds to reimburse the University for the demolition of the old University Hall.

\*

\*

\*

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Airport Development - 1971, Employment of Engineer

The Board of Trustees has authorized Novice G. Fawcett, President of The Ohio State University, to submit application for grant funds for airport development under the Federal Aviation Administration Federal Aid Program Airport Development.

The Board of Trustees has further authorized Bernard J. Lachner, Vice President for Administrative Operations, to employ an engineer to develop schematic plans which are required for such an application.

The George W. Raike, Inc., Consulting Engineers, Ashland, Ohio, have been hired and have completed said schematic plans with accompanying preliminary drawings and detailed cost estimates.

The said application for aid has been submitted and has progressed satisfactorily through all processing steps and Federal sources assure that award of tentative grant agreement is imminent.

President Fawcett recommended that the Board of Trustees authorize and direct the Vice President for Administrative Operations, contingent upon receipt of said tentative grant, to proceed in the normal University manner to employ George W. Raike, Inc., to complete topographic surveys, finalize engineering design, prepare bidding documents, and provide resident supervision and inspection services.

February 4, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Airport Development - 1971, Employment of Engineer (continued)

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works and funds for this project will be provided in Budget Account 801249 (Airport Development) upon receipt of Federal Grant.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote. This action is contingent on receipt of said tentative grant.

B. Demolition of Farm Buildings

The structures requested for demolition were as follows:

Artillery Barn, 2170 Olentangy River Road  
Artillery Cottage Garage and Shop, 2150 Olentangy River Road  
Beef Cattle Barn, 2027 Plumb Hall Court  
Dairy Cattle Barn, 1973 Plumb Hall Court  
Hog Barn, 2003 Plumb Hall Court  
Sheep Barn, 2053 Plumb Hall Court  
Quonset Huts (two) north of Artillery Barn, 2170 Olentangy River Road

As a result of the completion of the new Animal Science Livestock Centers, scheduled for construction completion, March, 1972, the above-named structures were recommended for demolition by the Vice President for Administrative Operations.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Administrative Operations at a total cost of \$47,000.00. Funds are available in Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the above recommendation was approved by unanimous roll call vote.

C. Sale of Property

The Industrial Nucleonics Corporation, whose corporate offices and principal facilities border The Ohio State University land, has requested an opportunity to purchase at fair market value a 15.922-acre tract of University property on the south side of Ackerman Road adjacent to their facilities. In initiating this request the President of this corporation informed the University that Industrial Nucleonics Corporation has lost land planned for future expansion to the Olentangy Freeway project which would preclude the further development of this Corporation and eventually necessitate relocation of the corporate headquarters unless other land could be obtained.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Sale of Property (continued)

The University is willing to consider the sale of this parcel of land at this time because of the need for additional financial resources to support the University's land acquisition program on the south edge of the main campus in conformity with the University Master Plan. Further, the University Master Plan has designated the parcel of land which Industrial Nucleonics is desirous of purchasing to remain undeveloped. A further consideration is the desire on the part of the University to continue a mutually beneficial relationship which this University and Industrial Nucleonics have and continue to enjoy.

Accordingly, representatives of the Industrial Nucleonics Corporation and The Ohio State University were asked to develop mutually agreeable conditions of sale including land usage restrictions so as to assure a full realization of the worth of this parcel of property by the University but at the same time assuring usage compatible with the immediately adjacent University activities.

President Fawcett recommended, subject to the approval of the Ohio General Assembly and the land use restrictions and all other general understandings mutually developed by the representatives of The Ohio State University and the Industrial Nucleonics Corporation, that a 15,922-acre parcel of University land on Ackerman Road adjacent to the Industrial Nucleonics facility be approved for sale to the Industrial Nucleonics Corporation for the sum of \$775,000, which is the highest of three MAI appraisals recently obtained.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the sale of property by roll call vote with Messrs. Shocknessy, Dunlap, Eckley, Harrod, Dorsey, Gushman, and Dr. Sirak casting affirmative votes and Mr. Hilliker casting a negative vote.

\*

\*

\*

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Clarence Gratton Kemp, Professor in the College of Education; John M. Montz, Associate Professor Emeritus in the Department of Civil Engineering; Christine Newark, Professor Emeritus in the School of Home Economics; and Harry L. Strobel, Assistant Director of the Division of Recreation and Intramurals and Assistant Professor in the School of Health, Physical Education, and Recreation. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Clarence Gratton Kemp

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 4, 1972, of Clarence Gratton Kemp, Professor in the College of Education.

Dr. Kemp was born June 15, 1905, in Lakefield, Ontario, Canada. He was graduated from the University of Toronto with a Bachelor of Arts degree in 1942. He received the Bachelor of Divinity degree from Union Theological Seminary, New York, in 1946. He received his Master of Arts and Doctor of Education degrees from Columbia University in 1947 and 1949 respectively. He received the Doctor of Philosophy degree from Michigan State University in 1957. He began his career in education in 1927 in Scarboro Bluffs Elementary Schools, Toronto, Canada. From 1931 to 1939, he was a teacher and assistant principal in Birch Cliff Heights High School, Toronto, Canada.

Dr. Kemp began his college teaching at Missouri Valley College in 1949. He was initially interested in human relations and was instrumental in promoting research pertaining to "open and closed mindedness." His scholarly work evolved into study, research, and authorship as it relates to the group process in counselor education. His applications encompassed schools, community agencies, and church settings.

Dr. Kemp was active in numerous organizations. He was a participant as lecturer and panel member in professional meetings of the American Psychological Association, American Personnel and Guidance Association, and American Educational Research Association. He was a Fellow in the American Association for the Advancement of Science.

Dr. Kemp continued his ministerial activities throughout his career in education. He was an active member of the Central Southeast Ohio Association, United Church of Christ.

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.

B. John M. Montz

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 27, 1971, of John M. Montz, Associate Professor Emeritus in the Department of Civil Engineering.

Professor Montz was born in Frederick, Maryland, on October 10, 1885. His family moved to Virginia where he received his secondary schooling. He received the Bachelor of Science degree from Brown University in 1911.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. John M. Montz (continued)

Professor Montz served with an engineering detachment in World War I, entering the Army as a private and leaving with the rank of captain.

Following his return to civilian life, he held various engineering positions with the Baltimore and Ohio Railroad before joining The Ohio State University faculty in 1922. At the University he taught courses in surveying and structural design, and for a number of years he also held a part-time position as design engineer with the Bureau of Bridges of the Ohio Department of Highways.

About 1940 he formed a partnership with a colleague, Oscar Marshall, for the purpose of making land surveys in the Columbus area.

Professor Montz was a member of the National Society of Professional Engineers, American Society for Engineering Education, American Railway Engineers Association, and American Society of Civil Engineers, serving at one time as president of the Central Ohio Local Section of the latter.

Professor Montz co-authored a text entitled, Elements of Topographic Drawing, which enjoyed considerable popularity. His writings also included a number of articles on the structural uses of timber.

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.

C. Christine Newark

The Board of Trustees expresses its sorrow at the death on December 26, 1971, of Christine Newark, Professor Emeritus in the School of Home Economics.

Dr. Christine Newark was born in Charlotte, Michigan, on February 14, 1909. She received her baccalaureate degree at Michigan State University in 1930. In 1937 she received the M. A. degree from Columbia University. Her Ph. D. degree was received from Iowa State College in 1945.

Dr. Newark taught home economics for eight years at vocational high schools in Michigan. She served as Instructor and then Assistant Professor in Home Economics at Oklahoma A & M College, Stillwater, Oklahoma, from 1938 to 1941, teaching home management. She was a Graduate Assistant and faculty member at Iowa State University School of Home Economics from 1941 to 1945.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Christine Newark (continued)

Professor Newark was appointed to the faculty of the School of Home Economics at The Ohio State University in 1945 and served until her retirement in 1967. She pioneered in the teaching of consumer and family economics. Dr. Newark served as Chairman of the Division of Management and Family Economics in the School from 1946 to 1962. She served as national treasurer of Omicron Nu, home economics honorary, was a member of Phi Kappa Phi, and was listed in Who's Who of American Women.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and 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 of Dr. Newark as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Harry L. Strobel

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 28, 1971, of Harry L. Strobel, Assistant Director of the Division of Recreation and Intramurals and Assistant Professor in the School of Health, Physical Education, and Recreation.

Prior to joining the Intramurals Division, Mr. Strobel was a member of the football coaching staff, having joined it in 1949. An Assistant Professor in the School of Health, Physical Education, and Recreation, Mr. Strobel served as freshman football and basketball coach in 1950-51 when he was moved to the varsity staff of Head Coach Woody Hayes.

Mr. Strobel's coaching career began at Brilliant, near Steubenville, where he coached football, basketball, and baseball for three years. Succeeding assignments took him to North Canton for a year, Louisville for a year, Orrville for five years, and Barberton for two seasons.

Mr. Strobel's Orrville football teams were undefeated in both 1939 and 1940. He held the distinction of winning state championships in both football and basketball, the former at Barberton in 1948 and basketball at Bellevue in 1945.

Mr. Strobel was born in Massillon, Ohio. He was graduated from high school in 1927 and entered Miami University where he was graduated in 1932 with a degree in education.

Mr. Strobel coached two all-American football players at Ohio State in successive years. Guard Jim Parker won all-American honors in 1955 and 1956 and Aurelius Thomas, another Strobel pupil, won similar honors in 1957.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Harry L. Strobel (continued)

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.

\*

\*

\*

XI. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman, Chairman of the Retirement and Insurance Committee, presented the following report and recommendations:

At the Board meeting on October 1, 1971, the Board of Trustees, upon the recommendation of the Retirement and Insurance Committee, awarded a contract to Alexander & Alexander, insurance consultants, for the purpose of making "a comprehensive study of the University's total insurance program." This past month the insurance consultants submitted their report to this committee which in turn made this information available to the administration of the University. A meeting was subsequently held with representatives of the University and Alexander & Alexander for the purpose of discussing the specific recommendations and findings contained in the report. Based upon the report and this meeting, the University has now responded to each of the recommendations and findings and the report as well as the University's response has been made available to the members of this Board.

In brief, the insurance consultants divided their review into three general categories:

1. Employee Benefit Program

Included in the recommendation in the area of employee benefits was the suggestion that the University should consider supplementing the existing state policy on sick leave and long-term disability benefits, and improvements in the University health programs, specifically major medical coverage and Blue Cross and Blue Shield coverages, including improvements in the deductible features. At the same time it was suggested that the University might wish to consider the development of personal group benefit programs as an additional employee benefit. A specific suggestion which your committee will request action on at the end of this report relates to the transfer of dividend accumulation funds presently held by John Hancock on behalf of the University to the University's investment portfolio. And finally, it was suggested that this University should undertake a more effective program in communicating to its employees the benefits presently available to them.

XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

2. Student Health Insurance

Alexander & Alexander suggested that the existing student health insurance program of this University was one of the better ones available for the purpose and suggested that the development of any future contracts should be initiated between the user group, in this case represented by the Council on Student Affairs, and the various carriers starting October, 1972. In making recommendations to the administration of this University, it was suggested that the University continue to provide administrative support in the implementation of the student health insurance program.

3. General Insurance Coverages

In addition to a number of general recommendations, a fundamental question was raised in this category as to the extent of this University's liability as opposed to the self-insurance policy of the State of Ohio and the funds available for this purpose in the State Emergency Fund. It was suggested that the University might wish to consider a policy of insuring a number of its major facilities for the difference between the replacement value and the funds that might be provided through the State Emergency Fund in case of a major disaster. The University administration has agreed to review this matter in specifics and to bring back to this committee its analysis and recommendations for consideration and subsequent action. At the same time, upon the recommendation of the insurance consultants, the University has agreed to step up its program of facility review and modification where feasible to minimize risks as a supplemental measure to its insurance programs.

As Chairman of the Committee, and on behalf of the other Committee members, Mr. Dorsey and Dr. Sirak, Mr. Gushman presented the following recommendations:

1. That the report of the insurance consultants, Alexander & Alexander, be received by this Board and that the voucher submitted in the amount of \$12,500 be authorized for payment.

February 4, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

2. That the University's response to these recommendations be received by the Board and that the administration be requested to make a comprehensive analysis of these recommendations in the specific areas where indicated in the University's response, and report to the committee with appropriate recommendations for the committee's consideration and action.
3. That the University Treasurer be authorized to withdraw the funds from the dividend accumulation fund presently being held by the John Hancock Company on behalf of the University with the exception of those monies required for the claim stabilization reserve account. Further to invest this sum through the University's investment portfolio for the purpose of increasing the earnings through investment accumulation and expense savings and continued support of employee and the University insurance programs.
4. That any and all previous designations of insurance consultants made by the Board of Trustees be revoked and that the administration of the University be directed to make such designations in the future.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated February 3, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, March 3, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p. m.

Attest:

---

Edward Q. Moulton  
Secretary

---

James W. Shocknessy  
Chairman

APPENDIX V

Revision of Rules 29.2725 and 51.03, the Deletion  
of Section 4 of Rule 45.03 and Rule 51.05,  
and the Addition of Rule 29.2726  
to Rules for the University Faculty

Approved by Faculty Council  
November 9, 1971  
December 15, 1971

Adopted by Board of Trustees February 4, 1972  
(See page 378)

Page 422 Blank

Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty

The Faculty Council on November 9, 1971, approved a revision of Rule 29.2725 and the addition of a new Rule 29.2726 of Rules for the University Faculty. The text of the Rules is as follows:

29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall recommend to the President, subject to the approval of the Board of Trustees, a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as Chief Hearing Officer, whose duties shall include:

- (a) Assisting the Council on Student Affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the Report and Recommendations of the University Committee on Rights and Responsibilities (The Ohio State University, September 15, 1968);
- (b) Selecting Hearing Officers as needed from the approved list;
- (c) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;
- (d) Forwarding completed cases to the Vice President for Administrative Operations for administrative implementation in accordance with their final determination by the Chief Hearing Officer;
- (e) Hearing on appeal student disciplinary cases, not including University actions relating to academic failure or violations of a code of professional ethics or of an honor code of those colleges or academic units having such codes, where an appeal is taken by any student from any such action by his College, University Committee, or other properly authorized University adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.

Section 2. That an array of Hearing Panelists, large enough to allow at least three panels, shall be selected by lot consisting of:

- (a) Faculty members,
- (b) Undergraduate students,
- (c) Graduate and professional students, and
- (d) Administrative staff members.

Any person selected to serve as Hearing Panelist may be exempted from such service if he declines.

Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty (continued)

29.2725. Hearing Officers and Panels. (continued)

The Chief Hearing Officer shall, by lot, select from the array Hearing Panels, each composed of two faculty members, two undergraduate students, one graduate or professional student, and one administrative staff member. The Hearing Panels shall have original jurisdiction to hear cases of alleged student violation of Rule 51.03 brought before it by authorized University officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.

The University and the Defendant shall have the right to challenge for cause. The Hearing Officer shall hear challenges for cause.

- o -

29.2726. Pending Criminal Law Suit.

Section 1. Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by University rules, the University shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the University may bring the student before a Hearing Officer and Panel to find whether he poses such a danger. If the Panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the Hearing Officer may specify (except that the student may not be deprived of University scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the Hearing Officer shall, on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a Hearing Officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the University pending a full hearing.

- o -

On December 15, 1971, the Faculty Council approved a revision of Rule 51.03 and the deletion of Section 4 of Rule 45.03 and Rule 51.05. The text of Rule 45.03 and Rule 51.03 as revised is as follows:

45.03. Group Absences.

Section 1. Whenever possible, group absences shall be planned so that they do not conflict with regularly scheduled classes.

Section 2. Group absences which are a necessary part of a class scheduled in the University must be authorized by the Chairman of the Department or Director of the School in which the class is scheduled. Group absences which are a necessary part of a non-class function of the University must be authorized by the Office of the Dean of Students who coordinates all student activities. In the latter instance, the person authorizing the absence shall file in the Office of the Dean of Students, a letter containing (1) a list of names of all of the students involved, (2) the dates and times of the absence, and (3) a complete explanation of the purpose of the absence. The person authorizing the absence shall distribute a copy of this letter to each student involved in the group absence.

45.03. Group Absences. (continued)

The student may then present his copy of the letter to each instructor of the classes from which the student will be absent. This letter may be the basis of an excuse for an absence from class under the policies provided in Rule 45.01.

Section 3. In all instances of group absences in which women students will be absent from the University before 6:30 A.M. and after 12:00 P.M., the Dean of Students who coordinates student activities should be notified in advance of the names of all women students involved.

- o -

51.03. Disruption.

Section 1. No student, faculty, staff, visitor, or other person shall, with an intent to disrupt University authorized activities:

- (a) obstruct the lawful movement of any person or persons about the campus, into or out of any University building or facility, or within any University building or facility and fail to desist when so ordered by an authorized University official;
- (b) obstruct the movement of vehicular traffic on the streets of the University, and fail to desist when so ordered by an authorized University official;
- (c) occupy a University building or facility in such a manner as to prevent others from carrying out University authorized activities and fail to depart when informed by an authorized University official that he is disrupting University authorized activities and must depart;
- (d) interfere with the conduct of a class, office, laboratory, or other University authorized activity by shouting, chanting, marching, throwing missiles, or otherwise creating such a disturbance that the authorized activity cannot, in the judgment of an authorized University official, be carried on, and fail to desist when so ordered by an authorized University official;
- (e) employ force or violence, or the explicit threat of force or violence, to prevent any person or persons from carrying out University authorized activities;
- (f) damage public address systems, television sets, laboratory equipment, computer systems, or other property used for the carrying out of University authorized activities;
- (g) solicit any person or persons to violate subsections (a) through (f) of this rule, knowing that there is a clear and present danger that such violations will occur (but a person shall not be charged with soliciting unless a violation of subsections (a) through (f) occurs as a result of his solicitation).

51.03. Disruption. (continued)

- (h) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott of classes, or other forms of peaceful dissent.

Any student found guilty of the conduct proscribed in subsections (a) through (g) shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to Rule 29.2725.

Non-students charged with the conduct proscribed in subsections (a) through (g) shall be referred to an appropriate authority.

Section 2. Definitions.

- (a) The phrase "with an intent to disrupt" shall be taken to mean that a person knows or reasonably should know that his act or acts will have the consequence of preventing others from carrying out University authorized activities.
- (b) The phrase "to obstruct" shall be taken to mean making the movement of a person or vehicle from one place to another difficult or impossible; it shall not be taken to mean making that movement inconvenient.
- (c) The phrase "University authorized activity" shall be taken to mean any activity that the University conducts, sponsors, or permits to be carried out on the campus or in any University building or facility.
- (d) The phrase "an authorized University official" shall be taken to mean any person to whom the University has delegated authority to supervise a building or facility, or any part of a building or facility, or to supervise the movement of people and vehicles on the campus.
- (e) The phrase "campus" shall be taken to mean University owned or controlled property.

- o -

APPENDIX VI

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707  
of Rules for the University Faculty

Approved by Faculty Council  
December 15, 1971

Adopted by Board of Trustees February 4, 1972  
(See page 379)

Page 428 Blank

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707

On December 15, 1971, the Faculty Council approved the revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the deletion of Rule 29.2707 of Rules for the University Faculty. The text of the foregoing rules as listed is as follows:

13.09. Research Institutes: Establishment and Administration.

Research Institutes shall be established or abolished by the Board of Trustees upon recommendation of the Graduate Council and Faculty Council. Each Research Institute shall be administered by a Board having such membership and authority as determined by the Graduate Council (see Rule 27.0705) and approved by the Faculty Council and the Board of Trustees.

- o -

27.0701. Membership.

There shall be a Graduate Council constituted as follows:

- (a) Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School shall be the Chairman of the Graduate Council.
- (b) Elected Faculty Members. Forty members of the Graduate Faculty, four elected by the regular members of the Graduate Faculty from each of the ten areas. The individual areas, as below defined, shall be composed of the following Colleges, Schools, and Departments:
  - (1) Administrative Sciences: Accounting, Business Administration, Public Administration, Social Work.
  - (2) Agricultural Sciences: Agricultural Education, Agricultural Engineering, Agronomy, Animal Science, Dairy Science, Dairy Technology, Home Economics, Horticulture, Natural Resources, Plant Pathology, Poultry Science.
  - (3) The Arts: Art, Art Education, Dance, Design, History of Art, Music, Theatre.
  - (4) Biological Sciences: Biochemistry, Biophysics, Botany, Entomology, Genetics, Microbiology, Zoology.
  - (5) Education: Education, Health, Physical Education and Recreation.
  - (6) Engineering Sciences: Aeronautical and Astronautical Engineering, Architecture, Ceramic Engineering, Chemical Engineering, City and Regional Planning, Civil Engineering, Computer and Information Science, Electrical Engineering, Engineering Mechanics, Industrial Engineering, Mechanical Engineering, Metallurgical Engineering, Mineralogy, Nuclear Engineering, Welding Engineering.

27.0701. Membership. (continued)

- (7) Humanities: Classics, East Asian Languages and Literatures, English, German, History, Linguistics, Philosophy, Romance Languages and Literatures, Slavic Languages and Literatures.
  - (8) Physical Sciences and Mathematics: Astronomy, Chemistry, Geodetic Science, Geology, Mathematics, Statistics, Physics, Physiological Optics.
  - (9) Professional Biological Sciences: Allied Medical Professions, Anatomy, Anesthesiology, Dentistry, Medical Microbiology, Medicine, Nursing, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Pharmacology, Pharmacy, Physical Medicine, Physiological Chemistry, Physiology, Preventive Medicine, Psychiatry, Radiology, Surgery, Veterinary Anatomy, Veterinary Clinical Sciences, Veterinary Microbiology and Parasitology, Veterinary Pathology, Veterinary Physiology and Pharmacology, Veterinary Preventive Medicine.
  - (10) Social and Behavioral Sciences: Agricultural Economics and Rural Sociology, Anthropology, Economics, Geography, Journalism, Political Science, Psychology, Sociology, Speech.
- (c) Alternate Faculty Members. Each faculty member of the Graduate Council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected faculty members are justifiably absent. When an elected member is off duty or unable to attend a meeting of the Graduate Council he shall notify the Secretary of the Graduate School in advance of the meeting, giving the name of the alternate who will represent him. The alternate shall then have the general powers and privileges in the Graduate Council of the person whom he represents.
- The unsuccessful candidates for election shall constitute a panel of alternates in each area, in the order of votes which they received in the election. Service as an alternate does not make the alternate ineligible for election to membership in the Council the following year.
- (d) Student Members. Eleven graduate students and one professional student, the latter to serve on the Research Committee, appointed by the President of the Council of Graduate Students with the consent of that body. These members shall serve terms of one year and shall be eligible for at most three consecutive terms. (See Rule 53.0705.)

27.0701. Membership. (continued)

- (e) Alternate Student Members. Each student member of the Graduate Council is expected to attend its meetings regularly but an alternate representative shall be appointed for each student member in order to assure full attendance at meetings when appointed student members are justifiably absent. When a student member is unable to attend a meeting of the Graduate Council, he shall notify the Secretary of the Graduate School in advance of the meeting, giving the name of the alternate who will represent him. The alternate shall then have the general powers and privileges in the Graduate Council of the person whom he represents.

- o -

27.0703. Elections.

Section 1. Members shall be elected from each of the ten areas defined in Rule 27.0701 for staggered terms of four years and shall be ineligible for re-election for one year thereafter.

Section 2. Elections shall be administered and supervised by a Graduate Council Elections Committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the Spring Quarter of each year for terms beginning with the following Autumn Quarter.

There shall be a Graduate Council Nominating Committee in each area consisting of the retiring member of the Graduate Council representing that area, as chairman, and the chairman of the graduate committee for each Department in that area, or, in the absence of such a committee, the Department Chairman or his designated representative as members. The committee shall make a minimum of four nominations for its area, including additional nominations received by petition from any six or more members of the Graduate Faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be cast by mail directly to the Graduate Council Elections Committee and shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of the election.

- o -

27.0705. Powers and Functions.

The Graduate Council shall be the principal legislative body of the Graduate School and, subject to modification or reversal by the Graduate Faculty, shall have the following powers and functions:

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707 (continued)

27.0705. Powers and Functions. (continued)

- (a) To initiate and to act upon any question affecting the policies of the Graduate School and in connection therewith to make appropriate recommendations on all matters affecting these policies.
- (b) To establish rules and regulations for the conduct of the educational facilities of the Graduate School. However, any action which will result in a change of an existing rule or the establishment of a new rule, shall be proposed at one meeting of the Graduate Council and acted upon at a subsequent meeting designated for that purpose.
- (c) To approve, modify, or reverse any action taken by the Curriculum Committee, the Executive Committee, the Policy and Standards Committee, or the Research Committee.
- (d) To oversee the area representation plan established by Rule 27.0701; more specifically, (1) to make assignments of new departments to existing areas; (2) to review petitions of departments requesting change from one area to another; and (3) to review the entire composition at such intervals as it deems necessary.
- (e) To adopt requirements for admission subject to the approval of the Faculty Council and the Board of Trustees.
- (f) To submit to the Council on Academic Affairs its recommendations concerning College proposals for the adoption of new courses and curricula involving graduate credit or the alteration or abolition of existing ones.
- (g) To adopt and abolish academic degrees administered by the Graduate School subject to the approval of the Council on Academic Affairs, the Faculty Council, President, and the Board of Trustees.
- (h) To recommend to the Faculty Council and the Board of Trustees candidates for degrees.
- (i) To encourage and stimulate research and scholarly activity, and assist in obtaining support.
- (j) To provide a communications channel between faculty and those responsible for obtaining and administering research funds.
- (k) To advise on all major research fund allocations, and on all matters of University Planning that affect research.
- (l) To ensure that the research needs of the University are adequately represented in the formulation of the University's plans, policies, and budgets.

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707 (continued)

27.0705. Powers and Functions. (continued)

- (m) To be responsible, under authority delegated by the Faculty Council, for making recommendations concerning the establishment, affiliation, and abolition of research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies. (See Rule 13.09).

- o -

27.09. Committees.

Section 1. There shall be an Executive Committee, a Curriculum Committee, a Policy and Standards Committee, and a Research Committee, each constituted as follows:

- (a) Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School or his designee shall be Chairman of each Committee.
- (b) Regular Members. The Graduate Council shall select the members of each Committee from its membership. The manner of selection and the tenure shall be determined by the members of the Graduate Council, except that each of the areas outlined in Rule 27.0701 must be represented by a faculty member on each Committee.
- (c) Student Members. There shall be three members of the Executive Committee, the Curriculum Committee, the Policy and Standards Committee, and the Research Committee selected by the Graduate Council from its student membership. One member of the Research Committee shall be a professional student. The manner of selection and the tenure shall be determined by the members of the Graduate Council.

Section 2. The Curriculum Committee shall perform the functions specified in Rule 31.0201.

Section 3. The Executive Committee and the Policy and Standards Committee shall perform the functions assigned to them by the Graduate Council.

Section 4. The Research Committee shall be responsible to the Council for the following:

- (a) To become familiar with the research activities carried on by the University faculty and staff and with available and potential sources of research support.
- (b) To foster existing research and to stimulate the development of new programs.

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707 (continued)

27.09. Committees. (continued)

- (c) To study and recommend policies with respect to research activities, facilities, personnel, University organization, and plans for future development.
- (d) To provide advice and information concerning research activities and available resources and to be available to any faculty member or group to assist in planning and obtaining support for research.
- (e) To consult regularly with departmental, college and University officials responsible for fostering research and scholarship. Meetings of the committee with representatives of research interests in each college, with representatives of research agencies in the University, and with others who express an interest in discussing research policies shall be no less frequent than once each academic quarter.

- o -

29.2707. Research Council.

Revoked.

- o -

Page 435 Blank

Page 436 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 3, 1972

The Board of Trustees met at its regular monthly meeting on Friday, March 3, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, and Howard D. Sirak.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

I want now to take special notice of the attendance here of the members of the Consultative Committee to Advise in the Selection of a President which we familiarly call the Presidential Search Committee. The members of this Committee and the members of our Board "broke bread" together today. That was the first occasion that we all have been together since the Committee was formed. The members of our Board have had occasion to develop great respect, not only for the Committee and its members, but for its monumental work and dedication. After meeting many times, the Committee last December forwarded to this Board a recommended list of names which was highly respected by the Board. At the last meeting I indicated, in behalf of the Board, that the Board wished to have additional names to consider and accordingly the Board had requested the Search Committee to reconvene for this purpose. It is our understanding that the Search Committee was reconvened on February 10 and has subsequently met three times and is today in the process of deliberating.

At the February 10 meeting of the Committee which I convened because Mr. John G. Ketterer, its Chairman, was unable to be present and I thereupon designated Mr. Jacob E. Davis to act as Chairman of the Search Committee for that meeting. At the same meeting, I also designated Mr. Davis to serve as Vice Chairman of the Search Committee until today's meeting of the Board. At the meeting of the Committee on February 23, when Mr. Ketterer was still unable to be present and Mr. Davis was also unable to be present, the Search Committee organized itself and designated Dr. Margaret Mordy to serve as Chairman for that meeting. Accordingly, I shall ask the Board to ratify those three actions.

Now I also wish to mention that since the last meeting, Mr. Ketterer, has advised that for personal reasons he will no longer be able to serve on the Committee. Also since the last meeting, Mr. Jerome Friedman, a member of the Committee, for personal reasons, has submitted his resignation. I want to say that the Board is grateful to Mr. Ketterer for the many years of service to this University of which he is a most distinguished alumnus. We take notice of the service he has given to this University as a member of this Board, and of many University committees, including his most recent service as Chairman of the Presidential Search Committee.

March 3, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Report on Consultative Committee to Advise in the Selection of a President  
(continued)

Mr. Shocknessy's statement (continued)

Mr. Friedman was a representative of a constituency and he served it with distinction. Members of the Search Committee who served with him have spoken highly of his service.

On my own motion I shall now ask for the ratification of the appointment of Mr. Davis to serve as Chairman of the Search Committee for the meeting of February 10; the ratification of the three actions which I have just reported to you and which I took on behalf of the Board on February 10, 1972, and which the Committee took on February 23, 1972, as well as the acceptance of the resignation of Mr. Ketterer and of Mr. Jerome Friedman. The motion is seconded by Mr. Safford and the resolution adopted by unanimous roll call vote.

Now it is necessary that we have someone to assume the Chairmanship of the Search Committee to succeed Mr. Ketterer. Fortunately there are many members of that Committee eminently competent to serve in this capacity but because he has been so thoroughly involved in the business of the Committee and because of his special capacity as well as wisdom and diligence, it is hoped that Mr. Davis will serve as Chairman of the Search Committee. Accordingly I move his appointment as Chairman of the Committee and I accept Mr. Safford's second. The motion is adopted by unanimous roll call vote.

At this time I want to restate some considerations which have previously been discussed by this Board. We respect the membership of the Committee and its wisdom, and we expect to be guided by the Committee. It is not now nor has it ever been the intention of this Board unilaterally to seek a President to succeed our distinguished President, but rather it continues to be the desire of this Board to be guided by the choices of the Presidential Search Committee, in spite of the fact that we hear from time to time that the Board may unilaterally interview and consider other persons. The Board has not done that hitherto nor shall the Board do it hereafter so long as its task can be accomplished within the guidelines established by the Board through the Presidential Search Committee. The Presidential Search Committee is diligently at work and we have been assured that the Search Committee will be giving us some further recommendations in due course. We shall give these recommendations our fullest consideration, since it has always been our purpose to select a President from those recommended by the Search Committee. No limitations have been placed

March 3, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

upon the Search Committee. Further, we have heard from time to time that the Search Committee has been instructed not to consider a prospect from one or another possible source. That the Board has not done. The Board has approved the guidelines which the Search Committee established for itself and the Board is entirely satisfied with the conduct of the Search Committee. We have no doubt that the Search Committee will produce a President.

- o -

APPEARANCES

A. Mr. Jeffrey Yapalater

Mr. Jerome Friedman had requested time to speak but was unable to appear. Mr. Yapalater requested permission to speak in his place. Mr. Shocknessy assented. Mr. Yapalater then inquired as to the status of the proposal which Professor Julian Markels made at the February Board meeting for a second campus election to select a new President. Mr. Yapalater was informed by the Chairman that the Board was not entertaining the proposal favorably.

Mr. Yapalater then requested that the Community Union activities be housed in the University-owned house located at 206 East 16th Avenue. (This request was in effect denied in a subsequent action by the Board in which the decision was made to sell the house and use the funds in support of scholarships as set forth in the bequest through which the University received the property.)

B. Dr. William E. Hall

Mr. Shocknessy indicated that he had asked Dr. William E. Hall, Director of the School of Journalism, to be present for the meeting for the purpose of calling to his attention the importance of accuracy in the news published in the Lantern. He stated that following the February 4, 1972 meeting he was misquoted in a Lantern article which was subsequently followed by a Letter to the Editor in the Lantern which contained the same misinformation. The error was subsequently retracted and a correction published. Dr. Hall indicated that the Lantern is happy to correct errors which are called to the attention of the staff.

- o -

MINNESOTA INCIDENT

Mr. Shocknessy stated that he personally would hope there would be a re-examination of the structure of the Western Conference as a result of the January 25 basketball incident at the University of Minnesota.

- o -

March 3, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of New Program Leading to Bachelor of Science in Natural Resources Degree

The Faculty Council on February 8, 1972, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the request for a program leading to the Bachelor of Science in Natural Resources degree in the College of Agriculture and Home Economics, effective July 1, 1972.

The School of Natural Resources was established in 1968, developing out of a Natural Resources Institute and a previous interdepartmental conservation curriculum in the College of Agriculture and Home Economics. The School offers professionally oriented education programs leading to employment in the broad field of natural resources management with a primary objective of developing personnel qualified to perform in managerial, research, and educational roles in natural resources. The need for greater visibility is indicated by enrollment increases, student requests, and employment opportunities.

President Fawcett recommended that the program leading to a degree Bachelor of Science in Natural Resources be approved and that pursuant to Section 3333.04 of the Revised Code of Ohio that this recommendation be forwarded to the Ohio Board of Regents for approval.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Combining of the Department of Geology and the Department of Mineralogy Into a Department of Geology and Mineralogy

The Faculty Council on February 8, 1972, upon the recommendation of the Council on Academic Affairs, approved the merger of the Department of Mineralogy presently located in the College of Engineering and the Department of Geology which is a part of the College of Mathematics and Physical Sciences into the Department of Geology and Mineralogy, effective July 1, 1972.

The College of Mathematics and Physical Sciences and the Council on Academic Affairs accept the present curricula of the Department of Geology and the Department of Mineralogy for inclusion in the curriculum of the combined Department.

The new Department will continue to offer those courses, now given in the Department of Mineralogy, which are required or recommended in the undergraduate and graduate programs of other departments in the College of Engineering.

March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Combining of the Department of Geology and the Department of Mineralogy Into a Department of Geology and Mineralogy (continued)

President Fawcett recommended that the foregoing recommendation from the Faculty Council be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Honorary Degree

The Faculty Council on February 8, 1972 recommended that the honorary degree of Doctor of Humane Letters be conferred on Howard Hanson at an appropriate future Commencement mutually agreeable to the University and the recipient.

President Fawcett recommended that the Board of Trustees approve the awarding of the above-named degree as approved by the Faculty Council.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 17, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 471.)

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

E. The Faculty Club

The Faculty Club's Board of Control and the Administration of this University propose that \$25,000 in non-appropriated funds be provided in order to compensate the Faculty Club against the \$90,750 contributed by the Club to build the Faculty Assembly Building should that facility ever be put to any other use.

President Fawcett recommended that the Board of Trustees approve \$25,000 from Account 152550, Equipment and Space Rental, to be made available to the Faculty Club subject to the foregoing agreement.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.

March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Clarification of Fees for Part-Time Students

In order to clarify the action of the Board of Trustees on July 30, 1971, President Fawcett recommended that the fees for part-time students (those enrolled for six or fewer credit hours) or enrolled for one term of a Summer Quarter (with nine or fewer credit hours) shall be assessed at one-half of full fees. When fees are not evenly divisible, they shall be assessed to the next even amount.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

G. Revision in Policy for Establishment of "Named Chairs" and "Named Professorships" and Redesignation of These Programs as "Endowed Chairs" and "Endowed Professorships"

On January 14, 1965, the Board of Trustees approved the establishment of "Named Chairs" and "Named Professorships" and approved a description of these two new programs. This action was taken to encourage private giving for these faculty positions.

At their meeting on February 11, 1972, upon proper motion, the Board of Directors of The Ohio State University Development Fund recommended that the University redefine and update these programs by Board of Trustees' action, establishing the following new designations in order to encourage increased private support and to recognize the generosity of individual, corporate, and foundation support:

Endowed Chairs

Support in the amount of \$600,000 or more will be recognized by establishment of a permanent Chair which will provide a living memorial to the donor and bear his name or an appropriate name of his designation. The fund will be invested in the University's endowment portfolio, 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.

Endowed Professorships

Support in the amount of \$150,000 or more will be recognized by the establishment of a permanent Professorship which will provide a living memorial to the donor and bear his name or an appropriate name of his designation. The fund will be invested in the University's endowment portfolio and the income will be used to supplement the salary or provide program support for an outstanding member of the faculty in the donor's academic field of interest.

Designated Chairs and Professorships

Annual support of \$30,000 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 \$10,000 or more will

March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Revision in Policy for Establishment of "Named Chairs" and "Named Professorships" and Redesignation of These Programs as "Endowed Chairs" and "Endowed Professorships" (continued)

Designated Chairs and Professorships (continued)

be recognized by designating a Professorship bearing the donor's name or a name of his designation. The donor will ordinarily be expected to guarantee support for a minimum period of three years. Annual funds provided for a designated Chair or Professorship will be used to attract distinguished faculty and to provide salary or special program support in the academic area of a donor's interest.

Visiting Professorships

The University will establish a Visiting Professorship in any field for a period of one academic quarter or longer if the contributed support is sufficient to cover all of the costs for the Visiting Professor. It is also possible to establish a permanent Visiting Professorship by creating an endowed fund for this purpose or by pledging annual support sufficient to meet the full costs of the position. Visiting Professorships will bear the name of the donor or an appropriate name of his designation.

Named Funds for Academic Enrichment

The University will separately identify with the donor's name or an appropriate designation of his choice any contribution of \$5,000 or more which is given for the purpose of providing support for faculty or programs in an academic area of the donor's interest or for general support in areas to be designated by the University.

Authority

The recommending authority, as well as the authority to make exceptions to the above regulations, shall be the Provost of the University.

President Fawcett recommended that the above definitions and policies for "Endowed Chairs," "Endowed Professorships," "Designated Chairs and Professorships," "Visiting Professorships," and "Named Funds for Academic Enrichment" be adopted and made effective this date but not to apply to prior legal documents or agreements made according to earlier established criteria.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the February 4, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Changes in Title, and Emeritus Title:

March 3, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments

Jules B. LaPidus, Associate Dean for Research and Development, Graduate School, effective July 1, 1972, at a salary of \$24,168.00 per annum.

C. Roger Smith, Professor and Chairman, Department of Veterinary Physiology and Pharmacology, effective April 1, 1972, at a salary of \$30,012.00 per annum.

Paul G. Craig, Professor, College of Administrative Science - Public Administration, effective October 1, 1972, at a salary of \$25,008.00 per annum.

Earl N. Metz, Associate Professor (Charles Austin Doan Chair of Medicine), Department of Medicine, effective immediately, at a salary of \$26,928.00 per annum.

Jay Harold Stein, Associate Professor (part time - 80 percent) (Gustav Hirsch Professorship of Medicine), Department of Medicine, effective immediately, at a salary of \$20,040.00 per annum.

Edward A. Ferkany, Assistant Football Coach, Department of Athletics, effective February 15, 1972, at a salary of \$15,648.00 per annum.

B. Changes in Title

Albert J. Kuhn from Acting Provost and Acting Vice President for Academic Affairs to Provost and Vice President for Academic Affairs, effective immediately.

Arliss L. Roaden from Vice Provost for Graduate Affairs and Dean of the Graduate School to Vice Provost for Research and Dean of the Graduate School, effective July 1, 1972.

C. Emeritus Title

Lawrence A. Best, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1972.

President Fawcett recommended that the Appointments, Changes in Title, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

- A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(January 8, 1972 - February 11, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 561,596.54
Industrial and Other Research	2	17,500.00
<u>Grants</u>		
Government Research - Federal	16	712,860.00
Industrial and Other Research	<u>2</u>	<u>83,384.00</u>
Totals	30	\$1,375,340.54

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as Project No. 2116 - Mod. #9 - Department of Physics).  
Gross Value - \$225,000.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Theoretical Part) (to be known as Project No. 2116-A - Mod. #9 - Department of Physics).  
Gross Value - \$60,000.00.
- c. Department of Army, Headquarters, U. S. Army Medical Research and Development Command, Washington, D. C., Early Diagnosis of Infectious Diseases (to be known as Project No. 2634 - Mod. #P-207 - Department of Medicine).  
Gross Value - \$7,993.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Project No. 2822 - Mod. #3 - Department of Physiology).  
Gross Value - \$16,515.00.
- e. Department of Army, Letterkenny Army Depot, Chambersburg, Pennsylvania, Small Unit Combat Simulation (DYNTACS X) (to be known as Project No. 2978 - Mod. #P007 - Engineering Experiment Station).  
Gross Value - \$16,480.00.
- f. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of Laser Propagation Phenomena (to be known as Project No. 3163-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$8,801.00.
- g. Department of Air Force, Air Force Systems Command, 4950th Test Wing Technical, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$100,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Ultra-Structure of Otoliths of Rats Reared Under Hypergravity with Those Reared Under Normal Gravity (to be known as Project No. 3381-A1 - New - Department of Otolaryngology).  
Gross Value - \$17,326.54.
- i. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Measurements and Analysis of Spectral Signatures (to be known as Project No. 3387-A1 - New - Department of Electrical Engineering).  
Gross Value - \$39,940.00.
- j. Department of Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antennas (to be known as Project No. 3390-A1 - New - Department of Electrical Engineering).  
Gross Value - \$69,541.00.

TOTAL - Government Contracts - Federal \$561,596.54

2. Industrial and Other Research Contracts

- a. Commonwealth of Puerto Rico, Office of the Governor, Puerto Rico Planning Board, Santurce, Puerto Rico, The Development and Demonstration of a Knowledge Utilization System in Puerto Rico (to be known as Project No. 3279-A1 - New - College of Social and Behavioral Sciences - Behavioral Sciences Laboratory).  
Gross Value - \$10,000.00.
- b. Columbus Public Schools, Columbus, Ohio, Program Audit Services for a Study of EMR Special Education Programs (to be known as Project No. 3393-A1 - New - College of Education).  
Gross Value - \$7,500.00.

TOTAL - Industrial and Other Research Contracts \$17,500.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Control of Activity of Cardiac and Smooth Muscle (to be known as Project No. 874-M - Ext. #13 - Department of Physiology).  
Gross Value - \$22,191.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- b. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as Project No. 1470-J - Ext. #9 - Department of Psychology).  
Gross Value - \$16,862.00.
- c. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Project No. 2361 - Rev. #11 - College of Education).  
Gross Value - \$4,635.00.
- d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #7 - Department of Electrical Engineering).  
Gross Value - \$35,000.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$12,662.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-C - Ext. #3 - Department of Veterinary Pathology).  
Gross Value - \$58,502.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A3 - Rev. Award Ltr. Dtd. 1/19/72 - College of Veterinary Medicine).  
Gross Value - \$9,724.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Autonomic Receptors in Isolated Iris Muscles (to be known as Project No. 2817 - Sup. #1 - College of Pharmacy).  
Gross Value - \$2,524.00.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- i. National Science Foundation, Washington, D. C., Support of Geological Studies (to be known as Project No. 3172-A1 - Amend. #1 - Department of Geology).  
Gross Value - \$8,200.00.
- j. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Designing New Patterns for Training Research, Development, Demonstration, Dissemination, and Evaluation in Personnel in Education (to be known as Project No. 3185-A1 - Rev. #2 - College of Education).  
Gross Value - \$350,000.00.
- k. Department of Air Force, Air Force Office of Scientific Research, Air Force Systems Command, Arlington, Virginia, Synthesis and Properties of Interlocking Ring Compounds (to be known as Project No. 3377-A1 - New - Department of Chemistry).  
Gross Value - \$43,600.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Mode of Action of Fluoride in Caries Inhibition (to be known as Project No. 3380-A1 - New - College of Dentistry).  
Gross Value - \$34,095.00.
- m. National Science Foundation, Washington, D. C., Population Dynamics and Productivity of Natural Populations of Orconectes Virilis Hagen (to be known as Project No. 3388-A1 - New - Department of Zoology).  
Gross Value - \$18,000.00.
- n. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Energy and Chemical Change-Energy Disposal and Energy Requirements of Chemical Reactions (to be known as Project No. 3391-A1 - New - Department of Chemistry).  
Gross Value - \$37,340.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Effect of Periodontopathies on Periodontal Mechanics (to be known as Project No. 3392-A1 - New - Department of Physiology).  
Gross Value - \$7,500.00.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Psychoactive, Anti-convulsant, Antiparkinson Drugs (to be known as Project No. 3394-A1 - New - College of Pharmacy).  
Gross Value - \$52,025.00.

TOTAL - Government Research Grants - Federal \$712,860.00

4. Industrial and Other Research Grants

- a. New York Friends Group, Inc., Center for War/Peace Studies, New York, New York, Task Force on International Education (to be known as Project No. 3384-A1 - New - Department of Political Science).  
Gross Value - \$5,354.00.
- b. The John A. Hartford Foundation, Inc., New York, New York, The Pharmacologic Control of Portal Hypertension (to be known as Project No. 3386-A1 - New - Department of Surgery).  
Gross Value - \$78,030.00.

TOTAL - Industrial and Other Research Grants \$83,384.00

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: January 14, 1972 - February 10, 1972)

	No. of Projects	Gross Value
Government Research Contracts	2	\$22,545.00
Industrial Research Contract	<u>1</u>	<u>2,500.00</u>
Totals	3	\$25,045.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 388X      Field Testing of Pavement Thickness Gage, Ohio Department  
Ext. #1      of Highways, Columbus, Ohio.  
Gross Value - \$2,400.00.

EES 409X      Experimental Treatment of Fresh Concrete by High  
Frequency Excited Screw-Type Auger, Ohio Department  
of Highways, Columbus, Ohio.  
Gross Value - \$20,145.00.

TOTAL - Government Research Contracts \$22,545.00

2. Industrial Research Contract

EES 408X      Polymer Engineering Research, Owens Illinois Technical  
Center, Toledo, Ohio.  
Gross Value - \$2,500.00.

\*

\*

\*

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: January, 1972)

Grants  
Office of Finance and Treasurer \$3,145,998.00

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	970	\$ 160,710.42
Individuals Other than Alumni	215	25,266.13
Business Concerns	49	70,284.60
Foundations and Nonprofit Organizations	<u>39</u>	<u>36,856.23</u>
Totals	1,273	\$ 293,117.38

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$2,320,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of Center for Research and Leadership Development in Vocational and Technical Education, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1972 through January 31, 1973. (Grant No. OEG-3-7-00158-2037, Revision No. 17)
2. \$593,424.00 granted by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for support of Mental Retardation Training, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Project No. 922)
3. \$38,650.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Cardiovascular Physiology, under the direction of the Department of Physiology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 HL05843-04)
4. \$31,146.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period September 1, 1971 through June 30, 1972. (Grant No. 44-P-25122/5-10, Amendment No. 1)
5. \$26,433.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Undergraduate - Clinical Training, under the direction of the Department of Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 T02 HL05035-19)
6. \$25,586.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05409-11)
7. \$21,000.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Speech Pathology and Audiology, under the direction of the Department of Speech Communication, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25121/5-03, Amendment No. 1)

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$15,000.00 granted by Ohio Department of Education, Division of Special Education, 3201 Alberta Street, Columbus, Ohio, to the University for support of teacher education in the area of Learning Disabilities and Behavioral Disorders, under the direction of the College of Education, for the period July 1, 1971 through June 30, 1972.
9. \$11,930.00 granted by National Science Foundation, Washington, D. C., to the University for support of In-Service Institute in Physics for Secondary School Teachers, under the direction of the Department of Physics. This grant expires on July 31, 1973. (Grant GW-7332, Proposal No. 2/3467)
10. \$11,300.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25124/5-08, Amendment No. 1)
11. \$9,952.00 granted by National Science Foundation, Washington, D. C., to the University for support of In-Service Institute in Astronomy (IAP) for Secondary School Teachers, under the direction of the College of Education. This grant expires on July 31, 1973. (Grant GW-7432, Proposal No. 2/3448)
12. \$9,900.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Undergraduate Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period May 1, 1972 through September 30, 1972. (Grant No. 44-P-25217/5-01)
13. \$9,555.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Traineeships in Occupational Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25123/5-07, Amendment No. 1)
14. \$6,078.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05607-06)

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

15. \$6,000.00 granted by City of Columbus, Division of Workhouse, 2460 Jackson Pike, Columbus, Ohio, to the University for support of the development and presentation of a course in understanding human behavior to be offered for guards and matrons at the Columbus City Workhouse, under the direction of the Division of Continuing Education. (Grant No. 1410-11-F1-71)
16. \$5,754.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1972 through December 31, 1972. (Grant No. 1 S01 RR05742-01)
17. \$4,290.00 granted by Ohio Rehabilitation Services Commission, New Careers Program Director, 4656 Heaton Road, Columbus, Ohio, to the University for support of program for New Careers Training for Rehabilitation Aides, under the direction of The Ohio State University - Lima Campus, for the period January 18, 1972 through May 30, 1972.

B. The Ohio State University Development Fund

1. \$93,687.50 from the Estate of Florence Y. Mick, Columbus, Ohio, for the establishment of the Charles J. and Florence Y. Mick Memorial Fund.

Charles J. and Florence Y. Mick Memorial Fund

The Charles J. and Florence Y. Mick Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Florence Y. Mick (Mrs. Charles J.), in memory of her husband and herself. Mr. and Mrs. Mick were residents of Columbus, Ohio. Mr. Mick earned the Bachelor of Science degree in Pharmacy in 1921; Mrs. Mick earned the Bachelor of Science degree in Home Economics in 1922. She was a retired supervisor from the University Registrar's Office.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 cancer research. If the need for cancer research diminishes, or ceases to exist, so as to leave unused funds, then this bequest may be used in other areas of medical research closely allied or related to cancer. The principal may be invaded if necessary.

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

1. Charles J. and Florence Y. Mick Memorial Fund (continued)

Should the College of Medicine cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for medical research.

2. \$27,500.00 from E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware--\$15,000.00 for research in Chemistry, \$7,500.00 for research in Chemical Engineering, and \$5,000.00 for research in Metallurgy.
3. \$18,315.43 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$12,210.29 for the establishment of the Snyder Student Memorial Fund and \$6,105.14 for the establishment of the Snyder Research Memorial Fund.

Snyder Student Memorial Fund

The Snyder Student Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Dr. D. P. Snyder, D. D.S. '13, late of Columbus, Ohio, former Chief of Surgery in the College of Dentistry. The bequest was made in memory of Mae B. Snyder, Sadie Snyder, and Dr. D. P. Snyder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 loans to students enrolled in the College of Dentistry.

Snyder Research Memorial Fund

The Snyder Research Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Dr. D. P. Snyder, D. D.S. '13, late of Columbus, Ohio, former Chief of Surgery in the College of Dentistry. The bequest was made in memory of Mae B. Snyder, Sadie Snyder, and Dr. D. P. Snyder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

3. Snyder Research Memorial Fund (continued)

The annual income is to be used by the College of Medicine for the discovery of new and advanced methods and processes in all areas of medical research, with special emphasis on research for aiding the prevention of and the elimination of the diseases of the blind.

4. \$18,186.24 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
5. \$17,500.00 from G. D. Searle & Company, Chicago, Illinois, for its research fund in the College of Medicine.
6. \$10,000.00 from Althea O. Orton, Columbus, Ohio--\$5,000.00 to establish a fund to purchase books and materials for the Department of Ceramic Engineering Library and \$5,000.00 for the Department of Geology Library.
7. \$8,517.00 from the Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
8. \$6,596.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for scholarships.
9. \$5,300.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
10. \$5,000.00 from the American Heart Association, Columbus, Ohio, for the Gustav Hirsch Memorial Professorship in Cardiology in the College of Medicine.
11. \$5,000.00 from National Machinery Foundation, Tiffin, Ohio, for its fund in Mechanical Engineering.
12. \$5,000.00 from The Ohio State University Orthodontic Alumni Foundation, Columbus, Ohio, to establish a loan fund in the College of Dentistry.
13. \$1,010.00 from friends, colleagues, and former students of Robert M. Zollinger, for the establishment of The Robert M. Zollinger Student Scholarship Fund in Surgery.

The Robert M. Zollinger Student Scholarship Fund in Surgery

The Robert M. Zollinger Student Scholarship Fund in Surgery was established March 3, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. The Robert M. Zollinger Student Scholarship Fund in Surgery (continued)

Fund from friends, colleagues, and former students of Robert M. Zollinger, B.Sc. '25, M.D. '27, a distinguished faculty member, Regents Professor, and Chairman of the Department of Surgery of The Ohio State University for 25 years.

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

The annual income is to be used to provide a Robert M. Zollinger Scholarship Award to the outstanding senior student in surgery. The selection of the recipient is to be made upon the recommendation of the College of Medicine Scholarship Committee and the Chairman of the Department of Surgery.

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 of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for surgical education.

C. Establishment of New Fund from Previously Reported Gift

Glenna R. Joyce Scholarship Fund

The Glenna R. Joyce Scholarship Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from the Glenna R. Joyce Trust. Mrs. Joyce, who lived in Upper Arlington at the time of her decease in 1960, established the Trust through her Will.

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

Both annual income and principal are to be used to provide annually a maximum of two scholarships to high school graduates attending The Ohio State University. Each scholarship is to be for four years of college at the University for the student and may be extended for three additional years if the student attends Graduate School. The scholarship students are to be selected by the University Scholarship Committee, upon the recommendation of the Trustees of the Glenna R. Joyce Trust.

\*

\*

\*

March 3, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Laboratory Animal Center

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,404,898.00	\$1,569,079.15	\$164,181.15

The changes on this project represent deviations from the original specifications resulting from favorable bids on the contracts so that it was possible to incorporate additional equipment within these contracts.

Funds for these changes have been provided by Budget Account 801021 (Laboratory Animal Facilities Center).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Brown Hall--Heating and Ventilating System Repair

This project will provide adequate heating and ventilating for this building.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Physical Education Building--Roof Repairs-1972

This project involves the removal and replacement of the old roof, replacement of insulation, gutters, and downspouts.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

March 3, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Undergraduate Library and Service Center (Joseph Sullivant Hall) - 13.2 KV Primary Distribution System Extension

This project will substantially increase the electrical load for this building. The existing primary service to the building has insufficient capacity for the additional load which will be required for renovation of this facility.

Funds for this project have been provided from Budget Account 801095 (Federal recoveries from various projects set aside for the Undergraduate Library).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VII. REPORT OF AWARD OF CONTRACTS

A. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B

It was requested by the Vice President for Administrative Operations that the Award of Contracts approved at the February 4, 1972 meeting for the Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B be rescinded. General Contract--Waller & Lund, Inc., \$4,970; Plumbing Contract--Julian Speer Co., \$9,960; Heating, Ventilating and Air Conditioning Contract--Julian Speer Co., \$20,220; Electrical Contract--Electric Power & Equipment Co., \$8,726. It has been learned that an application has been filed with the National Institutes of Health, National Cancer Institute, and may be approved which would enable the College of Veterinary Medicine to expand the original plans and specifications. This proposed action has the approval of the Department of Public Works, State of Ohio.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Arps Parking Ramp--Waterproofing of Top Floor Levels

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 2-25-72)		
Cincinnati Floor Co. (Columbus)	\$ 41,000.00	\$ 64,258.00
Alt. "A," Removal of fill and installation of new fill	2,280.00	5,385.00
Alt. "B," Installation of fill east and west parapet walls	4,780.00	5,850.00
Alt. "C," Rebuilding expansion joints	<u>3,940.00</u>	<u>7,960.00</u>
Total Contract	<u>\$ 52,000.00</u>	<u>\$ 83,453.00</u>

Funds for this project have been provided from Budget Account 801250 (Arps Parking Ramp--Waterproofing of Top Floor Levels).

C. Optometry Building--Air Condition (Old Part)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(8 bids received 2-25-72)		
R. E. Eversole (Columbus)	\$ 21,372.00	\$ 36,679.00
<u>Electrical Contract</u>		
(7 bids received 2-25-72)		
Miller-Davis Electric (Columbus)	<u>9,538.00</u>	<u>17,205.00</u>
Total Contracts	<u>\$ 30,910.00</u>	<u>\$ 53,884.00</u>

Funds for this project have been provided from Budget Account 801244 (Optometry Building--Air Conditioning).

D. Journalism Building Expansion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 2-8-72)		
R. W. Setterlin & Sons Co. (Columbus)		
Base bid	\$1,417,000.00*	\$1,165,487.00
Less negotiated changes	- 73,438.00**	
Alt. G-2 Finishing radio facilities	<u>+ 27,000.00</u>	<u>+ 30,000.00</u>
Total Contract	<u>\$1,370,562.00</u>	<u>\$1,195,487.00</u>

March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Journalism Building Expansion (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(8 bids received 2-8-72)		
J. A. Croson Plumbing & Heating (Columbus)		
Base bid	\$ 133,800.00	\$ 138,000.00
 <u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 2-8-72)		
Limbach Company (Columbus)		
Base bid	\$ 705,000.00*	\$ 648,000.00
Less negotiated changes	- 7,420.00***	
Alt. HVAC-2 Air conditioning radio facilities	+ 11,700.00	+ 15,000.00
Alt. HVAC-3 Carrier chiller	- 5,200.00	N/C
 Total Contract	 <u>\$ 704,080.00</u>	 <u>\$ 663,000.00</u>
 <u>Electrical Contract</u>		
(9 bids received 2-8-72)		
Burroughs Electric Co., Inc. (Columbus)		
Base bid	\$ 266,665.00	\$ 348,513.00
Alt. E-2 Electrical work for radio facilities	+ 5,167.00	+ 10,000.00
 Total Contract	 <u>\$ 271,832.00</u>	 <u>\$ 358,513.00</u>
 Total All Contracts	 <u>\$2,480,274.00</u>	 <u>\$2,355,000.00</u>

Funds for this project have been provided from HB 531, Item 315-064 (Journalism Building Replacement) and Item 235-010 (Architectural Planning).

\* Bids on the General Contract and the Heating, Ventilating and Air Conditioning Contract were above the estimate of cost, but it is not believed that better bids could be obtained by re-advertising. This is in agreement with the Department of Public Works.

\*\* Change in material specification for exterior soffit from metal to stucco, omission of the smaller of two elevators, simplification of site work by elimination of some parts of retaining walls, walks, and steps, deletion of parts of ceramic tile and marble finishes, and various smaller miscellaneous changes.

March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Journalism Building Expansion (continued)

\*\*\* Change in type of balance devices in heating and cooling system piping, change in material specification for cooling towers inlet and discharge ducts, elimination of pipe insulation on heating unit runouts, and simplification of heating controls for service areas.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Adrian C. DeBrosse, Instructor (County Extension Agent, Agriculture) Mercer County, Cooperative Extension Service; Samuel Joseph Sachs, Assistant Professor in the College of Dentistry; Eldon Bryson Sessions, Associate Professor Emeritus in the College of Education; and Daniel M. Shonting, Professor Emeritus in the College of Administrative Science - Academic Faculty of Accounting. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Adrian C. DeBrosse

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 17, 1972, of Adrian C. DeBrosse, Instructor (County Extension Agent, Agriculture) Mercer County, Cooperative Extension Service.

Mr. DeBrosse was a native of Sidney, Ohio. He received his Bachelor of Science in Agriculture degree from The Ohio State University in 1950. He taught vocational agriculture in Delaware, Ohio, from 1950 to 1954 and in Mercer County from 1954 until he joined the Ohio Cooperative Extension Service faculty as Associate Agent in 1955. He had been County Agent, Agriculture, in Mercer County since 1958.

Mr. DeBrosse gave aggressive leadership to various extension programs in Mercer County, particularly the dairy, swine, and poultry programs. He was a leader in developing a registered dairy cattle show and sale and a graded feeder pig sale program in his area. He also worked closely with various community organizations in establishing small watershed projects, a land use planning committee, and other resource development programs.

March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Adrian C. DeBrosse (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. DeBrosse its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Samuel Joseph Sachs

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 15, 1972, of Samuel Joseph Sachs, Assistant Professor in the College of Dentistry.

Professor Sachs was born in Newark, Ohio, on March 28, 1921. He was graduated from Newark High School in 1939. He received the Bachelor of Science in Education degree from Wittenberg College in 1943.

Professor Sachs served as a Lieutenant Junior Grade in the United States Navy from 1943 to 1946. In 1946, he entered the College of Dentistry of The Ohio State University and received the Doctor of Dental Surgery degree in 1950.

Following his graduation from the College of Dentistry he returned to the United States Navy where he served until his retirement in 1968 with the rank of Commander. During this period he served for two years as training officer at the U. S. Naval Dental Technician's School at Great Lakes, Illinois.

In 1968, Dr. Sachs became a member of the faculty of the College of Dentistry. He was a member of the Kiwanis Club, Psi Omega Fraternity, Columbus Dental Society, Ohio State Dental Association, and American Dental Association.

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

C. Eldon Bryson Sessions

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 15, 1972, of Eldon Bryson Sessions, Associate Professor Emeritus in the College of Education.

Dr. Sessions was born in Marion, Idaho, on September 28, 1896. He was graduated from Utah State University in 1923 with a Bachelor of Science degree in business. His Master of Science degree in educational administration was granted in 1934 by the University of Idaho. Three years later he received a Doctor of Philosophy degree from The Ohio State University.

March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Eldon Bryson Sessions (continued)

Professor Sessions began his career in education as a teacher in 1923 near Marion, Idaho. From 1924 to 1935 he was Superintendent of Schools in Sugar City and Malad, Idaho. In 1937-38 he was a Visiting Professor at the University of Rochester and from 1938 to 1944 he was President of Carbon Junior College in Price, Utah.

In 1944 he started his career at The Ohio State University where he served until his retirement in 1967, except for thirty months as an Educational Consultant to the Department of Education in Guam in 1952-53 and Dean of the Territorial College of Guam from 1954 to 1956. At this institution his major contributions were Director of Educational Field Studies Training Programs for non-certified public school personnel, especially the annual School for Custodians which continued over two decades. He consulted at various times in nearby states.

Dr. Sessions was active in the Ohio and the International Associations of School Business Officials and in the Ohio Association of Public School Employees. He is regarded as the founder of these two associations. He was a member of the National Council on Schoolhouse Construction. He was a member of the Church of the Latter Day Saints.

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.

D. Daniel M. Shonting

The Board of Trustees expresses its sorrow at the death on February 2, 1972, of Daniel M. Shonting, Professor Emeritus in the College of Administrative Science - Academic Faculty of Accounting.

Professor Shonting was born in Lancaster, Ohio, on March 31, 1896. After serving in World War I, he attended Ohio State where he received the B.S. and M.A. degrees in 1921 and 1923 respectively. He became a Certified Public Accountant in 1940.

Mr. Shonting began his contribution to accounting education in 1924 as an Instructor, moved through the ranks to full Professor in 1958, and retired in 1966 after having given years of classroom experiences to accounting students at Ohio State. His students found him warm, energetic, interested, and fair.

In addition to his dedication to teaching, Professor Shonting's professional life included a private practice as a public accountant, service as Chief of the Division of Accounts and Control for Ohio's Department of Finance from 1929 to 1931, and a position as Treasurer of Capital University from 1932 to 1947. Professor Shonting was General Manager of Wartburg Press from 1940 to 1949, and has been a consultant to many firms.

March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Daniel M. Shonting (continued)

An active, vibrant individual, he participated in numerous civic and professional organizations, among them are the Columbus Chamber of Commerce, American Legion, Big Brothers, and Last Man's Club. He was past president of the Central Ohio Chapter of Systems and Procedures Association and former editor of the Ohio CPA. A member of the National Association of Cost Accountants, in 1956 he was chairman of the American Accounting Association's Committee on Government Accounting. He was a member of the Ohio Society of Certified Public Accountants, American Institute of Certified Public Accountants, Systems and Procedures Association, and Central Ohio and National Associations for Computing Machinery. He also held memberships in Beta Alpha Psi, national accounting fraternity; Beta Gamma Sigma, business administration honorary; Delta Sigma Phi and Alpha Kappa Psi, professional business fraternities.

Always a devoted church member, Professor Shonting was an elder in Christ Lutheran Church and past president of the Publishers Section of the International Council on Religious Education.

Professor Shonting was the author of numerous articles for professional and business journals and a contributing editor of The Accountants' Handbook. He was held in highest esteem by his colleagues who often included him as a contributor in the preface of their texts.

On behalf of The Ohio State 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 of Daniel M. Shonting as a humble expression of the Board's heartfelt sympathy in its bereavement.

\*

\*

\*

IX. REPORT

A. Report from the Finance and Investment Committee

1. Sale of Real Estate

Mr. Safford, a member of the Finance and Investment Committee, presented the following recommendations:

206 East 16th Avenue

The Board of Trustees on October 7, 1970, accepted a parcel of real estate located at 206 East 16th Avenue from Carolyn Kramer Serling and Rod Serling. This property is presently being held in the University's Investment Portfolio.

March 3, 1972 meeting, Board of Trustees

IX. REPORT (continued)

A. Report from the Finance and Investment Committee (continued)

1. Sale of Real Estate (continued)

It was recommended that the Vice President for Administrative Operations be authorized to sell the property with the proceeds of the sale to be used for the Carolyn Kramer Serling Scholarship Fund as established according to the bequest of Mrs. Serling with the income to be used for scholarships to students selected by the University Scholarship Committee.

It was further recommended that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the property to the person(s) submitting the best quotation with the net proceeds of sale to be deposited in the University's Investment Portfolio.

852 West Lane Avenue

The Board of Trustees on June 12, 1969, authorized the purchase of a parcel of real estate located at 852 West Lane Avenue from Lowell E. Ripley and Floa M. Ripley. The property is presently being held in the University's Investment Portfolio.

It was recommended that the Vice President for Administrative Operations be authorized to sell the property with the proceeds of the sale of the property to be returned to the Investment Portfolio.

It was further recommended that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the property to the person(s) submitting the best quotation with the net proceeds of sale to be deposited in the University's Investment Portfolio.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the sale of 206 East 16th Avenue and 852 West Lane Avenue by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated March 3, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

March 3, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 7, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

---

Edward Q. Moulton  
Secretary

---

James W. Shocknessy  
Chairman

Page 470 Blank

APPENDIX VII

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 17, 1972

Page 472 Blank

## The Recipients of Honors:

### AKLILU HABTE

Doctor of Humane Letters

*Distinguished educational statesman who has demonstrated creative administration in the development of Ethiopian education and African affairs.*

As president of Haile Sellassie I University, Aklilu Habte has attained the zenith in a career of educational leadership. A 1954 graduate of the University College of Addis Ababa (now Haile Sellassie I University), he received his bachelor of education degree from the University of Manitoba in 1955 and the M.Ed. and Ph.D. degrees from The Ohio State University in 1956 and 1958 respectively.

Upon graduation from The Ohio State University, Aklilu Habte returned to Ethiopia where he has been devoted to a multitude of educational enterprises. One of the lasting achievements of his most distinguished career has been a successful strengthening of the relationship between higher education and the realities of living in a mass rural population. To achieve this goal, Aklilu Habte conceived and implemented a program designed to allow students to pursue career-related interests through actual work experience in remote areas of Ethiopia. In addition to performing essential service functions, the program involves the student in multi-disciplinary community development programs, contributing an important additional dimension to the student's scholarly endeavors.

For his sound philosophies and creative solutions to the practical application of education, the leadership of Aklilu Habte has been acknowledged by colleagues from many lands. His professional acumen has been internationally recognized by his election as president of the Pan-African Congress, and more recently by his election as president of the International Congress of Africanists. His service on the executive committee of the United Nations Educational Scientific and Cultural Organization (UNESCO) and on this organization's International Scientific Committee for the Preparation of a General History of Africa, confirms the broad scope of his interests.

It is an honor for The Ohio State University to recognize Aklilu Habte for his distinguished record of service to his profession, his nation, and to his fellow man.

### HOWARD HANSON

Doctor of Humane Letters

*Renowned composer, conductor, and educator who has established himself as a paragon in the musical field.*

Creativity and humanity, undergirded by leadership and administrative abilities, have brought Howard Hanson to an unparalleled position of leadership in the world of music. His over one hundred compositions have won him more than thirty prizes and special awards, including a Pulitzer Prize in 1944.

A graduate of Northwestern University, he served on the faculty at the College of the Pacific for three years before being appointed Dean of the Conservatory of Fine Arts at that institution. In 1924 he was appointed Director of the Eastman School of Music and remained in that position until his retirement in 1964. During his long tenure at the school, Eastman became one of the finest institutions of its kind in the world. The high standards maintained there under Dr. Hanson's direction were of major import in raising the level of music instruction throughout the country.

As one of the founders of the National Association of Schools of Music, the only accrediting agency for music in higher education, Dr. Hanson did even more to raise and maintain high standards in musical education. He has served as president of that organization as well as presiding over the Music Teachers' National Association and the National Music Council. In 1935 he was elected a member of the National Institute of Arts and Letters and in 1938, a Fellow of the Royal Academy of Music in Sweden.

Dr. Hanson's textbook, "The Harmonic Materials of Modern Music," is widely recognized as a definitive study on musical composition from 1900 to 1950, and is used as the standard text for this subject in many schools. He has had numerous articles published in national magazines and journals and is Editor-in-Chief of the twelve-volume "New Scribner Music Library."

It is with great pride that The Ohio State University recognizes this outstanding musician and educator for his contributions to all facets of the musical realm.

## STARKE R. HATHAWAY

Doctor of Humane Letters

*Noted educator and scientist whose many and important contributions to mental health are of uncommon distinction.*

A man who is both creative and practical in his diverse contributions to theory, research, and practice, Starke R. Hathaway has had a major impact on mental health movements in this country and throughout the world. He was a pioneer in the development of clinical psychology as a profession and established one of the earliest doctoral programs in that area. A leader in the effort to attain legal recognition of psychology, Dr. Hathaway was successful in urging the passage of certification legislation in Minnesota. A forerunner in the fields of criminology, neurophysiology, and psychophysiology, he invented and patented one of the first reliable lie detector devices. Dr. Hathaway authored an early classic text in physiological psychology, conducted some of the first electro-encephalographic research in this country, and developed one of the earliest and still most widely used objective devices for personality assessment. The author of some eighty published books and scientific articles, Dr. Hathaway is a member of Sigma Xi, Phi Beta Kappa, and the National Research Council.

A native of Ohio, Starke Hathaway is a 1927 graduate of Ohio University and received a master's degree in psychology and statistics from The Ohio State University. His education was continued at the University of Minnesota where he received the Ph.D. degree in Psychology and Anatomy in 1933.

His teaching career began at Ohio University and continued for forty years as a faculty member at the University of Minnesota. During that time, he served as professor and director of the Division of Clinical Psychology and executive officer of the Department of Psychiatry and Neurology in the School of Medicine.

In recognition of his outstanding contributions to the advancement of his profession, The Ohio State University is privileged to confer upon this distinguished alumnus the honorary degree, Doctor of Humane Letters

## JOHN A. MAURER

Doctor of Science

*Pioneer in motion picture engineering and lifelong advocate of photography and cinema as a force in American science, education, and culture.*

John A. Maurer, Senior Vice President of Optronics Technology, Inc. of New York City, personifies the goal of his profession, the combination of scientific knowledge and humanitarian purpose. His philosophy, inventions, and work have been consistently and effectively directed to the realization of Thomas A. Edison's "glowing dreams about what the camera could be made to do and ought to do in teaching the world the things it needs to know—teaching it in a more vivid and direct way."

Mr. Maurer holds sixty United States patents, most of which are in the fields of sound recording, camera design, and chemistry. He recently developed an innovative 8mm sound and image system, and his brilliant pioneering in 16mm optical sound helped make this form the standard for nontheatrical, educational, and scientific films throughout the world.

A native of Massillon, Ohio, John Maurer attended Western Reserve University receiving the A.B. degree, Summa Cum Laude, in 1928, and the M.Sc. degree in 1929. He joined the Research Department of the Radio Corporation of America in 1929, organized the J. A. Maurer Company in 1940, and earned citations for his work during World War II for the Office of Scientific Research and Development. Through lecture, demonstration, and publication he instigated film production and instructional programs in many universities and colleges, including The Ohio State University, during the period of 1940-1950.

A charter member of the Acoustical Society of America, Mr. Maurer is a Fellow of the Society of Motion Pictures and Television Engineers, and a former Vice President of the Society of Photographic Scientists and Engineers.

In recognition of John A. Maurer's vital contributions to the media of communication, The Ohio State University is proud to confer upon him the honorary degree, Doctor of Science.

## ELLIOT LEE RICHARDSON

Doctor of Laws

*Pre-eminent attorney and administrator whose exemplary record is testimony of personal commitment to honorable and intelligent public service.*

Elliot L. Richardson, Secretary of Health, Education, and Welfare, has had a long and distinguished career in a broad spectrum of governmental affairs. During the Eisenhower years, he was appointed Assistant Secretary for Legislation in the Department of Health, Education, and Welfare and was a stalwart advocate of measures to curb juvenile delinquency, improve social security benefits, and elevate standards of public health. These efforts were furthered through his service as Lieutenant Governor of the Commonwealth of Massachusetts and later as Attorney General of that State. His investigation of unfair trade practices and consumer fraud through the establishment of the Nation's first State-level Organized Crime Section was a hallmark of his untiring effort to revamp the criminal justice system in Massachusetts.

Returning to the Nation's Capital in 1969, Elliot Richardson assumed the position of Under Secretary of State. In this role, he served as Chairman of the Under Secretaries Committee of the National Security Council and Chairman of the Board of the Foreign Service.

A 1947 graduate of Harvard Law School, Elliot Richardson has long maintained an active interest in a wide range of professional, educational, and service organizations. In addition to his official responsibilities, Secretary Richardson has served as a member of the Board of Overseers of Harvard College and the World Affairs Council. He is currently a member of the Council on Foreign Relations, a Fellow of the American Academy of Arts and Sciences, and a Fellow of the American Bar Association. He also serves on the Board of Governors of the American National Red Cross.

It is a great honor for The Ohio State University to recognize Elliot L. Richardson for his continued efforts to meet the problems of change with progressive and effective solutions.

## EDMUND MAUTE SPIEKER

Doctor of Science

*An inspirational teacher and scholar whose work has had a profound influence on geological research and exploration.*

A member of The Ohio State University faculty since 1924, Edmund Maute Spieker has achieved great distinction as one of the Nation's foremost geologists. Chairman of The Ohio State University Department of Geology from 1944 to 1952, Dr. Spieker received the bachelor of arts and doctorate degrees from Johns Hopkins University. He is the founder of The Ohio State University Field Geology Station in Utah, and is recognized as a world authority on the structure and stratigraphy of the transition zone between the Colorado Plateau and the Great Basin in Utah.

Prior to assuming his teaching responsibilities, Dr. Spieker was employed as a geologist for Imperial Oil, Ltd. and the government of British Columbia. He was a member of the United States Geological Survey from 1917 to 1965 and has served as Director of The Ohio State University National Science Foundation Summer Institute in Geology and the Nature of Science from 1962 to the present.

The extensive bibliography of Dr. Spieker contains more than thirty publications, many of them being important initial contributions on subjects that form the basis of modern geology. Two of his most significant papers, "Late Mesozoic and Early Cenozoic History of Central Utah" and "Mountain Building Chronology and Nature of Geologic Time Scale," concern the geologic time scale as it relates to the role of mountain building and the manner in which sediments reflect this process.

Dr. Spieker has been actively involved in a number of professional organizations including the American Association for the Advancement of Science, the Geological Society of America, and the Ohio Academy of Science, which he has served as president.

The Ohio State University is honored to recognize this distinguished faculty member for his contributions, not only to the teaching profession, but to the advancement of geological science as well.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and one candidates

Pradeep Kumar Agrawal, Meerut, India  
B.Sc. (Agra University); B. Tech. (Indian Institute of Technology); M.S.  
*Dissertation*: Numerical Solution of Wire Antennas in a Cavity  
*Field of Specialization*: Electrical Engineering

Rolf Allerdissen, Nordenham, Germany  
B.A. (Kiel University); M.A.  
*Dissertation*: Die Reise als Flucht. Zu Schnabels Insel Felsenburg und Thümmels Reise in die mittäglichen Provinzen von Frankreich  
*Field of Specialization*: German

Lewis Grant Anderson, Worthington  
B.S. (Pennsylvania State University); M.S.E.E. (Massachusetts Institute of Technology)  
*Dissertation*: Telephone Traffic in a High Capacity Mobile Telephone System  
*Field of Specialization*: Electrical Engineering

Bernard Roy Appleman, Valley Stream, N.Y.  
A.B. (Brandeis University)  
*Dissertation*: Part I. NMR Studies of Dineopentyl-Magnesium Exchange. Part II. *Ab Initio* Calculations of Chemical Shifts  
*Field of Specialization*: Chemistry

Dennis Albert Attwood, Niagara Falls, Ont., Canada  
B.A.S. (University of Waterloo); M.S. (University of Miami)  
*Dissertation*: The Use of a Secondary Task Paradigm to Determine the Effects of Elevated Levels of Carboxyhemoglobin on Human Psychomotor Performance  
*Field of Specialization*: Industrial Engineering

LeRoy Wilson Bandy, Fredericktown  
B.S. (Morris Harvey College); M.S.  
*Dissertation*: The Bioaccumulation and Translocation of Ring-Labeled Chlorine-36 DDT in an Old-Field Ecosystem  
*Field of Specialization*: Zoology

Frank Simms Black, Jr., Columbus  
B.S. in Ed. (Central State College); M.A.  
*Dissertation*: The Relationship between Pupil Mobility and Reading Achievement in High-Mobility-Low-Income Elementary Schools  
*Field of Specialization*: Education

Harold Alonza Black, Gainesville, Fla.  
B.A. (University of Georgia); M.A.  
*Dissertation*: The Money Supply Process in Great Britain: 1951-1969  
*Field of Specialization*: Economics

James Andrew Bobula, Chicago, Ill.  
B.A. (Bellarmine College); M.A.  
*Dissertation*: The Hospital Nurse: Her Self-Perceptions as Professional and as Communicator  
*Field of Specialization*: Speech Communication

Suzanne Gage Brainard, Washington, D.C.  
B.A. (University of Florida); M.A.  
*Dissertation*: A Study of Response Patterns in Learning Disabilities  
*Field of Specialization*: Psychology

Charles George Brown, Dayton  
B.S.E.E. (Purdue University); M.S. (University of Cincinnati)  
*Dissertation*: The Walsh Transform as a Signal Processing Tool, Theory and Applications  
*Field of Specialization*: Electrical Engineering

William Richard Brown, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Teacher Competencies and Characteristics in a Science Preservice Teacher Education Project  
*Field of Specialization*: Education

Diane Pollack Burhenne, Columbus  
B.A. (University of Florida); M.A.  
*Dissertation*: Female and Male Evaluations of Sex-Appropriate and Sex-Inappropriate Sex-Role Stereotypes  
*Field of Specialization*: Psychology

James Slagle Cameron, Columbus  
B.S.; M.S. (Stanford University)  
*Dissertation*: Automatic Document Pseudoclassification and Retrieval by Word Frequency Methods  
*Field of Specialization*: Computer and Information Science

Richard Lewis Catullo, Fargo, N. D.  
B.A. (Montclair State College); M.A. (North Dakota State University)  
*Dissertation*: The Effect of Experiential vs. Didactic Learning and Locus of Control upon Group Decision Making  
*Field of Specialization*: Psychology

Terence Edward Cody, Columbus  
B.S. (Mount Union College); M.S. (Western Reserve University)  
*Dissertation*: Primary Productivity in the Western Basin of Lake Erie  
*Field of Specialization*: Botany

Elizabeth Shimer Czech, Raleigh, N. C.  
B.A. (Georgian Court College); M.A. (Lehigh University)  
*Dissertation*: Interaction between Black and Corporate Culture in Broadcast Management  
*Field of Specialization*: Speech Communication

Louis John DeHayes, Jr., Midlothian, Ill.  
A.B. (University of Illinois); M.S.  
*Dissertation*: Stereochemistry and Conformational Analysis of Some Cobalt(III) Amine Complexes  
*Field of Specialization*: Chemistry

Donald Jeffries Dodsworth, Cincinnati  
B.A. (University of Cincinnati); M.A. in Soc. Adm.  
*Dissertation*: How to Develop Effective Promotional Procedures in Adult Education—A Computer-Assisted Instruction Course  
*Field of Specialization*: Education

- Joseph Ernest Dryer, Lancaster, Pa.  
B.E.E., M.S.  
*Dissertation:* Electrical Conduction in Discontinuous Gold Films on an Insulating Substrate  
*Field of Specialization:* Electrical Engineering
- Teymour Eliassi-Rad, Mozendaran, Iran  
Fogh. License (Tehran Institute of Technology); M.S. (Michigan State University)  
*Dissertation:* Automatic Longitudinal Control of Ramp Vehicles—Theory and Experiment  
*Field of Specialization:* Electrical Engineering
- Afamdi Onwura Ezenwa, Asata-Enizu, Nigeria  
B.S. Agr. (University of Arizona); M.S.  
*Dissertation:* The Reproductive and Disease-Vector Potentials of *Aedes triseriatus*, a Vector of California Encephalitis  
*Field of Specialization:* Entomology
- Ronnie Lyle Fadley, Columbus  
B.S. Ed., M.A.  
*Dissertation:* Discrete and Integrated Approaches for the Teaching of Junior High School Speech  
*Field of Specialization:* Education
- George Tehan Fischer, Springfield  
B.A., B.S.Ed., M.A.  
*Dissertation:* John Oldmixon, Early Whig Historian  
*Field of Specialization:* History
- Brent Malcolm Froberg, Valparaiso, Ind.  
A.B., A.M. (Indiana University)  
*Dissertation:* The Dramatic Excursions in Thuydides' History  
*Field of Specialization:* Classics
- William Bert George, Columbus  
B.A. (College of Wooster); M.S.W.  
*Dissertation:* A Study of Large-Scale Organization Change in a Public Assistance Agency  
*Field of Specialization:* Social Work
- Nicholas George Gionis, Columbus  
B.S. (United States Naval Academy); M.S. (Air Force Institute of Technology)  
*Dissertation:* Some Models for Multistage Decision Making under Risk  
*Field of Specialization:* Industrial Engineering
- Ulrich Goebel, Blacksburg, Va.  
B.A., M.A. (University of Oregon)  
*Dissertation:* Index Verborum to the "Corpus der altdutschen Originalurkunden"—Vol. I  
*Field of Specialization:* German
- Kathryn Lewis Gould, Chico, Calif.  
A.B., M.A. Education (Chico State College)  
*Dissertation:* Relationships of Creativity, Reading Comprehension, Intelligence, and Response to a Literature Selection for Fourth Grade Inner-City Children  
*Field of Specialization:* Education
- David Victor Goulding, Winnipeg, Man., Canada  
B.P.E. (University of Manitoba); M.A.  
*Dissertation:* Prediction of Exercise Cardiac Output from Resting Supine Stroke Volume and Exercise Heart Rate Using a CO<sub>2</sub> Rebreathing Technique  
*Field of Specialization:* Physical Education
- Ronald Gene Helms, Franklin  
B.S. (Fairmont State College); M.A. (University of Dayton)  
*Dissertation:* A Study of Attitudes of Secondary Social Studies Teachers, Principals, and Board Presidents on Academic Freedom  
*Field of Specialization:* Education
- Michael Dennis Hock, Worthington  
B.S.Ed., M.C.P.  
*Dissertation:* Factors Shaping Allocation Decisions in a Voluntary Social Service System  
*Field of Specialization:* Education
- Ronald Paice Hutchings, Chico, Calif.  
B.S., M.A. (California State Polytechnic College)  
*Dissertation:* The Influence of Excessive Fat Prior to Weaning on the Milking Potential of Beef Heifers  
*Field of Specialization:* Agricultural Education
- Kou-Mau Hwang, Kaoshiung, Taiwan  
B.S. Pharm. (Kaoshiung Medical College); M.S.  
*Dissertation:* The Effect of Heavy Metals on the Permeability of Mitochondrial Membrane and Its Energy-Linked Reaction  
*Field of Specialization:* Physiological Chemistry
- Raleigh Jackson, Dayton  
B.S. (Southern University, Louisiana); M.A.  
*Dissertation:* A Study of Six Personality Factors in Reading Achievement  
*Field of Specialization:* Education
- Ronald Jones, Richmond, B.C., Canada  
O.D. (College of Optometry of Ontario); M.S.  
*Dissertation:* Psychophysical and Oculomotor Responses of Normal and Stereoeanomalous Observers to Disparate Retinal Stimulation  
*Field of Specialization:* Physiological Optics
- Joseph Chester Kauffmann, Canton  
B. of M.E. (Georgia Institute of Technology); M.S. in Mech. Engr. (Illinois Institute of Technology)  
*Dissertation:* Investigation of the Influence of Gasoline Engine Induction System Parameters on the Exhaust Emissions  
*Field of Specialization:* Mechanical Engineering
- Michael Henry Kean, Philadelphia, Pa.  
B.A. (Pennsylvania State University); M.A.  
*Dissertation:* Student Unrest and Crisis: The Response of an Urban Educational System  
*Field of Specialization:* Education
- David Mark Koenig, Worthington  
B.S. (University of Chicago); M.S. (University of Connecticut)  
*Dissertation:* OSUSIM: A Modular Approach to Dynamic Simulation  
*Field of Specialization:* Chemical Engineering
- Robert Donald Krell, Toledo  
B.S. Pharm. (University of Toledo)  
*Dissertation:* The Uptake, Storage and Release of the Optical Isomers of Norepinephrine-<sup>14</sup>C in Tissues of the Rat  
*Field of Specialization:* Pharmacy

Charles Huston Krueger, Jr., Dayton  
E.E. (University of Cincinnati); M.S.  
*Dissertation:* K-Space Formulation of the Two-  
Dimensional Electromagnetic Scattering Problem  
*Field of Specialization:* Electrical Engineering

Woodrow Boothe Krueger, Newark  
B.S., M.S.  
*Dissertation:* Assimilatory Studies of the Inorganic  
Micronutrients (Ca, Cu, Fe, K, Mg, Mn, Na, and Zn)  
Required for Bacterial Sporulation Using Neutron  
Activation Analysis and Atomic Absorption  
Spectrophotometry  
*Field of Specialization:* Microbiology

Edward Barna Kurjack, Oxford  
B.S. (Florida State University); M.S., M.A. (University  
of Alabama)  
*Dissertation:* Prehistoric Lowland Maya Community and  
Social Organization: A Case Study of Dzibilchaltun,  
Yucatan, Mexico  
*Field of Specialization:* Anthropology

Frederick James Ladd, Bristol, England  
Cert. (University of Bristol); M.A.  
*Dissertation:* The Revival Style Alterations at Corsham  
Court: 1749-1849  
*Field of Specialization:* History of Art

Melvyn Paul Leffler, College Park, Md.  
B.Sc. (Cornell University)  
*Dissertation:* The Struggle for Stability: American Policy  
toward France, 1921-1933  
*Field of Specialization:* History

Louis Malcolm Leichter, Brooklyn, N. Y.  
B.S. (Brooklyn College)  
*Dissertation:* Studies of Tricyclo[3.2.0.0<sup>2,3</sup>]hept-6-ene  
and Tricyclo[3.2.0.0<sup>2,3</sup>]heptane Systems  
*Field of Specialization:* Chemistry

Murrell Elroy Lewis, Elyria  
B.S. (Case Institute of Technology)  
*Dissertation:* Derivation of a Correction to the Nuclear  
Optical Model Potential Depth for a Spin-Dependent  
Nucleon-Nucleon Interaction  
*Field of Specialization:* Physics

Lon-Lon Hsu Liao, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Dissertation:* Oxalate Metabolism in the Isolated Perfused  
Rat Liver  
*Field of Specialization:* Physiological Chemistry

Teh-hsiu Liao, Taipei, Taiwan  
B.S. Agr. (National Taiwan University); M.S. (Utah  
State University)  
*Dissertation:* Studies of L-Fucose Metabolism in Higher  
Plants  
*Field of Specialization:* Biochemistry

James Ellsworth Lifer, Ashland  
B.S. in Edu. (Ashland College); M.A.  
*Dissertation:* Guidelines for the Development of a  
Program of Service for State Units of the Association of  
Teacher Educators  
*Field of Specialization:* Education

Jason Hewitt Manchester, Lakeview  
B.S.  
*Dissertation:* A Study of the Magnesium Electrode  
*Field of Specialization:* Chemistry

Patricia Barnes McConnell, Columbus  
B.A. (Fisk University); M.A.  
*Dissertation:* Studies of Cognitive Development in Early  
Infancy  
*Field of Specialization:* Psychology

Donald Neil McMartin, Madelia, Minn.  
B.S., D.V.M. (University of Minnesota); M.S.  
*Dissertation:* Enzyme Activities Associated with the  
Demyelinating Phase of Canine Distemper  
*Field of Specialization:* Veterinary Pathology

James Richard McMillan, Sheffield Lake  
B.A. in Ch.E. (University of Cincinnati); M.B.A.  
(Western Reserve University)  
*Dissertation:* The Role of Perceived Risk in Vendor  
Selection Decisions  
*Field of Specialization:* Business Administration

Ali Nawaz Memon, Karachi, Pakistan  
B.S. (University of Karachi); M.S.  
*Dissertation:* Complexes of Mercury(I) and Iron(III)  
with Polyphosphates  
*Field of Specialization:* Chemistry

Thomas Roger Miller, Memphis, Tenn.  
B.A., M.B.A.,  
*Dissertation:* A Study of the Promotion of Collegiate  
Business Faculty  
*Field of Specialization:* Business Administration

Harold Richard Mitchell, North Charleston, S.C.  
B.A. (South Carolina State College); M.A. (University  
of Denver)  
*Dissertation:* The Responses of Five Language Groups to  
Interconsonantal Differences  
*Field of Specialization:* Speech Communication

Lowell Thomas Moore, Columbus  
B.S.Ed., M.A.  
*Dissertation:* An Analysis of the History of the Columbus  
Public School's Administrative Cadet Program  
*Field of Specialization:* Education

Craig Harlan Mosier, II, Columbus  
B.A. (State College of Iowa); M.A.  
*Dissertation:* Delinquents' Perceptions of Institutional  
Impact: A Validation Study  
*Field of Specialization:* Sociology

Orval Lee Mullen, Oakwood  
B.S., M.S.  
*Dissertation:* Mouse Splenic Cell Immunocompetence in  
Polyoma and Nonpolyoma Tumor Systems  
*Field of Specialization:* Microbiology

Allen Forrest Murphy, Jr., Franklin, Ind.  
B.A. (Kenyon College); M.A.  
*Dissertation:* Reality and Fantasy in the Creative  
Literature of Enrique Anderson Imbert  
*Field of Specialization:* Romance Languages

- Michael Earnest Neer, Columbus  
B.A.A.E.  
*Dissertation*: An Investigation of Spontaneous Ignitions in Flowing Hydrogen Air Mixtures  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Florence Chinyere Uwandu Odita, Nsukka, Nigeria  
B.S. (Indiana University); M.S. (Indiana State University)  
*Dissertation*: Differences in Pay, Promotion, Job Title, and Other Related Factors between Employed Male and Female College Graduates as Indicators of Sex Discrimination  
*Field of Specialization*: Psychology
- Steven Peter Pakes, Anderson, Ind.  
B.S.Agr., D.V.M., M.S.  
*Dissertation*: Studies of Encephalitozoonosis in Rabbits  
*Field of Specialization*: Veterinary Pathology
- Beverly Blazey Palmer, Bay Village  
B.A. (University of Michigan); M.A.  
*Dissertation*: The Impact of the New Feminism on Marital Interaction with Implications for Counselors  
*Field of Specialization*: Education
- Kent Friedley Palmer, Chillicothe  
B.S.Phys.  
*Dissertation*: Finer Details in the Infrared Bands of Acetylene  
*Field of Specialization*: Physics
- Shitla Prasad Pathak, Udaipur, India  
B.Sc.Agr., M.Sc.Agr. (Agra University)  
*Dissertation*: The Effect of Nitrogen, Potassium, Alar and Gibberellin on Growth and Fruiting Behavior of Himrod Grapes  
*Field of Specialization*: Horticulture
- Judith Austin Peterson, Dunkirk, N. Y.  
B.A. (University of Southern California); M.A.  
*Dissertation*: A Study of the Effects of Social and Prosocial Status on Sharing  
*Field of Specialization*: Psychology
- Richard B. Pilmer, Dayton  
B.S., M.S. (University of California, Los Angeles)  
*Dissertation*: Pulmonary Compliance and Histology in Rats Exposed to Hyperoxic Environments at Normobaric and Reduced Pressures  
*Field of Specialization*: Physiology
- Richard Bruce Prior, Johnstown  
B.A., M.S.  
*Dissertation*: *Plasmodium berghei* Freed from Host Erythrocytes by a Continuous-Flow Ultrasonic System: A Morphological and Immunological Study  
*Field of Specialization*: Microbiology
- Larry Anderson Pugh, Yorkville  
B.S.  
*Dissertation*: A Detailed Study of the Near Infrared Spectrum of Water Vapor  
*Field of Specialization*: Physics
- Jack Jay Purdum, Omaha, Neb.  
B.A. (Muskingum College); M.A.  
*Dissertation*: Investment in Land Enclosures: A Study of Five Nottinghamshire Manors, 1783-1807  
*Field of Specialization*: Economics
- Allen Keith Rachel, San Antonio, Tex.  
B.G.E. (University of Omaha); M.B.A.  
*Dissertation*: The Relationship between Resource Utilization and Patient Care at the Individual Level  
*Field of Specialization*: Business Administration
- Jesus Antonio Rico-Velasco, Bogota, Colombia  
Licenciado (Universidad Nacional de Colombia);  
Viviendista (Centro Interamericano de Vivienda); M.S.  
*Dissertation*: Modernization and Fertility in Puerto Rico: An Ecological Analysis  
*Field of Specialization*: Sociology
- Gerald Lacy Robinson, Columbus  
B.S.E.E. (Massachusetts Institute of Technology);  
M.Ind.Eng. (New York University)  
*Dissertation*: Value Assessment for Decisions in Complex Systems  
*Field of Specialization*: Industrial Engineering
- Jane Downs Rupp, Columbus  
B.A. (College of Wooster); M.A.  
*Dissertation*: The Prediction of Reading Readiness with Auditory and Visual Assessors and Intelligence Test in Three Sub-Samples  
*Field of Specialization*: Education
- Kay Frankforther Schaffer, Toledo  
B.S.Phys.Ther.; M.S. (University of Wisconsin)  
*Dissertation*: Vocational Interests and Emotional Maladjustment  
*Field of Specialization*: Psychology
- Frank Schimpfhauser, Columbus  
B.S.Ed. (State University College at Buffalo); M.A.  
*Dissertation*: A Multivariate Study of the Career Development of Potential Pharmacists  
*Field of Specialization*: Education
- Malcolm Keith Scott, Lorain  
B.S. (Baldwin-Wallace College); M.S.  
*Dissertation*: The Effect of Ether Oxygen in the Chemistry of Medium-Sized Rings  
*Field of Specialization*: Chemistry
- Shiv Kumar Seth, Amritsar, India  
B.Pharm., M.Pharm. (Panjab University)  
*Dissertation*: Anticonvulsants and Psychotherapeutic Agents of Known Absolute Configuration  
*Field of Specialization*: Pharmacy
- Kazumitsu Shinohara, Koichi, Japan  
B.E. (Tokyo Institute of Technology); M.S.  
*Dissertation*: The Behavior of Misfit Dislocations during Interdiffusion  
*Field of Specialization*: Metallurgical Engineering
- Earl Richard Shoup, Gahanna  
B.S.M. (Capital University); M.A.  
*Dissertation*: Supply and Demand for Music Teachers in Ohio: An Analysis of 1959-1971 with Projections for 1976  
*Field of Specialization*: Education

- Birandra Kumar Sinha, Bihar, India  
B.Sc. (Bihar University); M.Sc. (Patna University); M.S.  
*Dissertation*: Synthesis of cis- and trans-2-Mercaptocyclobutylamines and Related Analogs as Radio protective Agents  
*Field of Specialization*: Pharmacy
- Fredrick Larnce Smith, Huntington, W. Va.  
B.S. (Marshall University); M.S.  
*Dissertation*: On Finite Groups Whose Sylow 2-Subgroups Are the Direct Product of a Dihedral and a Semi-Dihedral Group  
*Field of Specialization*: Mathematics
- Raymond Stewart Smith, Columbus  
B.S., M.S. (Michigan State University)  
*Dissertation*: Interactions between *Rhizobium japonicum* and Soybean Rhizosphere Organisms  
*Field of Specialization*: Agronomy
- Jaris Stern, Columbus  
B.A. (State University of New York at Buffalo); M.A.  
*Dissertation*: The Effects of Didactic, Modeling and Experiential Counselor Training on Reflection of Feeling  
*Field of Specialization*: Psychology
- Monim Rauf Suliman, Khartoum, Sudan  
B.Sc. (University of Khartoum); M.S. (Northwestern University)  
*Dissertation*: Reactions of Titanium Tetrabromide with Tetrakis[dimethylamino]diboron (4) and Bis [dimethylamino]bromoborane  
*Field of Specialization*: Chemistry
- John Lewis Sullivan, Columbus  
B.A. (Morris Harvey College); M.S. (Ohio University)  
*Dissertation*: Imitative Learning, Family Constellations and the Development of Attitudes of Responsibility in Children  
*Field of Specialization*: Psychology
- David M. W. Travers, Kalamazoo, Mich.  
A.B. (Oberlin College); M.A.  
*Dissertation*: On Brentano's *Psychology from an Empirical Standpoint*  
*Field of Specialization*: Philosophy
- David Greer Tucker, Oakland, Calif.  
B.A. (Brigham Young University)  
*Dissertation*: The Effect of a Simulation Treatment on Attitudes and Behavior of Student Teachers and Their Inner-City Classroom Pupils  
*Field of Specialization*: Education
- Gopal Kewalsingh Valecha, Bombay, India  
B.A., M.A. (University of Bombay)  
*Dissertation*: Construct Validation of Internal-External Locus of Control as Measured by an Abbreviated 11-Item I-E Scale  
*Field of Specialization*: Psychology
- Larry Lee Venham, New Albany  
D.D.S., M.S.  
*Dissertation*: The Influence of the Parent's Presence in the Dental Operatory on the Behavior and Anxiety of Children Receiving Dental Treatment  
*Field of Specialization*: Psychology
- Robert Barnett Votaw, Bakersfield, Calif.  
B.S., A.M. (Indiana University)  
*Dissertation*: Conodont Biostratigraphy of the Black River Group (Middle Ordovician) and Equivalent Rocks of the Eastern Midcontinent, North America  
*Field of Specialization*: Geology
- Clyde Kenneth Walter, Jr., Canfield  
B.S.E.E. (Case Institute of Technology); M.B.A.  
*Dissertation*: An Empirical Analysis of Two Stockout Models  
*Field of Specialization*: Business Administration
- Richard Eugene Webb, Columbus  
B.S.E.P. (University of Toledo)  
*Dissertation*: Some Autocatalytic Effects during Explosive Power Transients in Liquid Metal Cooled, Fast Breeder, Nuclear Power Reactors (LMFBRs)  
*Field of Specialization*: Nuclear Engineering
- Rodney Cecil White, Houlton, Me.  
B.A. (Ricker College)  
*Dissertation*: Studies on Cell Wall Metabolism of the Green Alga *Chlorella pyrenoidosa*  
*Field of Specialization*: Biochemistry
- Marta Nevampaa Whitlock, Worthington  
A.B. (Grinnell College); M.A.T. (Harvard University)  
*Dissertation*: Voluntary Associations in Salem, Massachusetts, before 1800  
*Field of Specialization*: History
- Shirley Ahlers Williams, Englewood  
B.S.Ed., M.A.  
*Dissertation*: The Effect of the Scientific Revolution on Spanish Fiction as Revealed in Selected Works (1789-1969)  
*Field of Specialization*: Romance Languages
- Robert Eugene Wingard, Jr., Auburn, Ala.  
B.S. (Auburn University)  
*Dissertation*: Aspects of the Chemistry of Unsaturated Heterocyclic and Carbocyclic Propellanes  
*Field of Specialization*: Chemistry
- Joseph Klaus Wittemann, Columbus  
B.S. (State University College, Plattsburgh, New York); M.A.  
*Dissertation*: A Multivariate Analysis of Stable and Various Non-Stable Career Paths Related to Dentistry  
*Field of Specialization*: Education
- Helmut Traugott Zwahlen, Athens  
Diploma (Technical College of Berne, Switzerland); M.S. (Ohio University)  
*Dissertation*: An Investigation into the Risk Acceptance Behavior and Information Seeking Behavior of Drivers  
*Field of Specialization*: Industrial Engineering

### Certificate of Specialist in Educational Administration

One candidate

Robert Stocking Stephen, Canton  
B.S.Ed., M.A. (Miami University)

### Master of Accounting

One candidate

Kenneth Owen Shull, Sylvania  
B.S.Bus.Adm.  
*Field of Specialization: Accounting*

### Master of Arts

One hundred and fifty-five candidates

Burton Alan Abrams, Chicago, Ill.  
B.S. (Illinois Institute of Technology)  
*Field of Specialization: Economics*

Martha Bolton Agler, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Michael Louis Allain, Chicago, Ill.  
B.A. (Northeastern Illinois State College)  
*Field of Specialization: History*

Gerald Randolph Anders, Jr.,  
Cleveland  
B.A. (Carson-Newman College)  
*Field of Specialization: Music*

Aileen Louik Applebaum, Columbus  
B.S. (Carnegie Institute of Technology)  
*Field of Specialization: Education*

Kristin Janina Aronson,  
Brookfield, Conn.  
B.A.  
*Field of Specialization: Philosophy*

David Arthur Bahlman, Findlay  
B.A.  
*Field of Specialization: History of Art*

Eliette M-C Barraud,  
Grenoble, France  
Dipl. (Université de Grenoble)  
*Field of Specialization: Romance Languages*

Sheryl Kathryn Beight,  
East Palestine  
A.B. (Youngstown University)  
*Field of Specialization: Romance Languages*

Robert Bender, Bronx, N. Y.  
B.A. (Villanova University)  
*Field of Specialization: English*

Barbara Fridrich Bergman, Columbus  
B.A. (Cleveland State University)  
*Field of Specialization: Psychology*

George Oliver Bertram, Columbus  
B.S. in Ed. (Ball State Teachers College)  
*Field of Specialization: Education*

Elmer Bert Bonte, Columbus  
A.B. (Central College, Iowa); B.Div.  
(New Brunswick Theological Seminary)  
*Field of Specialization: Education*

Denis Alan Breen, Cincinnati  
B.S. in Bus. Adm. (Northwestern University)  
*Field of Specialization: Economics*

Nancy Ellen Brown, Columbus  
B.A., B.S.Ed.  
*Field of Specialization: English*

Gary Eugene Burris,  
Washington C. H.  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Sonja Jean Burris, Cambridge  
B.S.Ed.  
*Field of Specialization: Education*

Jeffery Alan Cabot, West Lafayette  
B.S.Bus.Adm.  
*Field of Specialization: Public Administration*

Colin Stephen Cass, Briarcliff, N. Y.  
A.B. (Hamilton College)  
*Field of Specialization: English*

Elizabeth Kaye Chrisman, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Art Education*

Richard Gordon Coakwell, Columbus  
B.S.Agr.  
*Field of Specialization: Education*

Daniel Ralph Cobb, Columbus  
B.A. (Bowling Green State University)  
*Field of Specialization: Economics*

Maria Regina Coccia, Columbus  
B.A.  
*Field of Specialization: Psychology*

Barbara Sue Combs, South Lebanon  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: English*

David Elroy Confer, Powell  
B.S.Ed.  
*Field of Specialization: Education*

David John Cordea, Worthington  
B.A.  
*Field of Specialization: Psychology*

Mary Constance Coughlin, Columbus  
A.B. (Ohio Dominican College)  
*Field of Specialization: Education*

Norman Edward Cox, Reynoldsburg  
B.A.Jour.  
*Field of Specialization: Journalism*

Michael John D'Amore,  
Union City, N. J.  
B.S. (Saint Peter's College, New Jersey); M.S.  
*Field of Specialization: Philosophy*

Frederick Edward Davis, Jr.,  
Yellow Springs  
B.A.  
*Field of Specialization: Public Administration*

Stanley Philip Deibert, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Allan Miles Dellinger, Willshire  
B.M. (Saint Louis Institute of Music)  
*Field of Specialization: Dance*

Diane DiGiammarino,  
Waynesboro, Pa.  
B.S.Ed. (Indiana University of Pennsylvania)  
*Field of Specialization: Art Education*

Franklin Perry Dustman, Ravenna  
B.S. in Edu. (Otterbein College)  
*Field of Specialization: Physical Education*

Judith Rowers Eifert, Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Education*

Georganna Gardner Elgabri,  
Columbus  
B.A. (University of California at Los Angeles)  
*Field of Specialization: Journalism*

Ibrahim Ahmed A. ElSamadoney,  
Mansura, Egypt  
B.A. (Ain Shams University)  
*Field of Specialization: Education*

Dale Francis Everett, Columbus  
B.S.  
*Field of Specialization: Physical Education (Health Education)*

Ning-Ning Fang, Taipei, Taiwan  
B.A. (National Taiwan University)  
*Field of Specialization: East Asian Languages*

Patrick Anton Fix, Columbus  
B.A.  
*Field of Specialization: English*

- Mary Joyce Folsom, Bellefontaine  
B.A. (Capital University)  
*Field of Specialization:* Education
- Nancy Eicholtz Forester,  
East Liverpool  
B.A. (University of Virginia,  
Mary Washington College)  
*Field of Specialization:* Theatre
- Patty Stewart Gabelman, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- William Gray Galbreath,  
Princeton, W. Va.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Psychology
- Sharon Shiplett Gandee, Akron  
B.A. (Notre Dame College)  
*Field of Specialization:* Education
- Mary Wolfe Godwin, Columbus  
B.S. (Oklahoma State University)  
*Field of Specialization:* Education
- Virginia Niswonger Gordon,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- George Michael Gribble, Newark  
B.S.Ed.  
*Field of Specialization:* Education
- Richard Earl Groseclose, Westerville  
B.S.Ed.  
*Field of Specialization:* Physical  
Education
- Archibald Francis Gunn, III,  
Columbus  
B.S.  
*Field of Specialization:* Education
- John Dennis Guthrie, Marion  
B.S. (United States Military  
Academy); M.Ed. (Mercer  
University)  
*Field of Specialization:* Education
- Jack Lee Hamilton, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jeanne Reed Harris, Delaware  
B.S.H.E.  
*Field of Specialization:* Education
- Margaret Glockner Hartshorn,  
Lancaster  
B.A. (Dominican College of  
San Rafael)  
*Field of Specialization:* English
- David Virgil Hellard, West Milton  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education
- Gerald Richard Hoekstra,  
Evergreen Park, Ill.  
A.B. (Calvin College)  
*Field of Specialization:* Music
- Thomas Leo Hoffman, Richwood  
B.Sc. in Edu. (Bowling Green State  
University)  
*Field of Specialization:* Education
- LaMar Rae Holsopple, Archbold  
B.S. (Goshen College)  
*Field of Specialization:* Education
- Phoebe Rose Howard,  
Oak Ridge, Tenn.  
B.A. (Rollins College)  
*Field of Specialization:* Psychology
- William Davis Hunter, Columbus  
B.S. in Educ. (Otterbein College)  
*Field of Specialization:* Education
- Douglas Neil Husak, Westlake  
B.A. (Denison University)  
*Field of Specialization:* Philosophy
- Bruce Allen Jacobs, Cleveland  
B.S.Ed.  
*Field of Specialization:* Education
- Richard Louis Jensen, Logan, Utah  
B.A. (Utah State University)  
*Field of Specialization:* History
- George Richard Johnson, Jr.,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Michael Thomas Jones,  
Newport News, Va.  
B.A. (College of William and Mary)  
*Field of Specialization:* Philosophy
- Susan Goodman Josephson, Columbus  
B.A.  
*Field of Specialization:* Philosophy
- Robert George Kaiden, Jr., Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Susan Fershee Keating, Carlisle  
B.A. (Maryville College)  
*Field of Specialization:* German
- Mary Margaret Kerezesi, Kettering  
B.S. (University of Dayton)  
*Field of Specialization:* Speech  
Communication
- Susan Lynn Kjellman,  
Allison Park, Pa.  
B.S. in Edu.  
*Field of Specialization:* Education
- Kent Allan Kloman, Grove City  
B.S. in Edu. (Kent State University)  
*Field of Specialization:* Education
- Charlotte Emma Krack, Erie, Pa.  
B.A. (Wittenberg University)  
*Field of Specialization:* English
- Linda Carol Krieger, Worthington  
B.S.Ed. (State University College,  
Geneseo, New York)  
*Field of Specialization:* Education
- Thomas James Lasley, II, Norwalk  
B.S.Ed.  
*Field of Specialization:* Education
- Judith Crowe Lawson,  
Monrovia, Calif.  
B.A. (University of California at  
Santa Barbara)  
*Field of Specialization:* Education
- Richard Jeffrey Lear, Bucyrus  
B.S.Ed.  
*Field of Specialization:* Education
- Madelon Rhoda Levy, Hamilton  
B.A.  
*Field of Specialization:* Education
- Edith Lowery Love, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Alan James Matthews, Columbus  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Economics
- Sandi Fleszar Mayewski,  
Buffalo, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Slavic  
Languages
- Jane Tucker McDonald, Columbus  
B.S. (University of South Carolina)  
*Field of Specialization:* Education
- Stephen Larry McElroy, Columbus  
B.A.  
*Field of Specialization:* Education
- Frederick Meister, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- David Chester Mellick, Wellington  
B.A. (Greenville College, Illinois)  
*Field of Specialization:* Philosophy
- Bishetta Dionne Merritt, Danville, Va.  
B.A. (Fisk University)  
*Field of Specialization:* Speech  
Communication
- Faye Sharon Mervis, Shaker Heights  
B.A. (George Washington University)  
*Field of Specialization:* Romance  
Languages
- Michele Anne Miller, Columbus  
B.A. (Miami University)  
*Field of Specialization:* English

- William Paul Mockovak,  
Danbury, Conn.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Psychology*
- Danna Rasmussen Monsul, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Sister Mary Bridget Murphy,  
Columbus  
B.S. (Our Lady of Cincinnati College)  
*Field of Specialization: Education*
- Thomas Alphonse Muth, Columbus  
B.S. in B.A. (University of Dayton);  
J.D. (Salmon P. Chase College)  
*Field of Specialization: Speech Communication*
- Larysa Ann Mykyta, Lorain  
B.A.  
*Field of Specialization: Romance Languages*
- Shirley Marie Nault, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Virginia Ellen O'Brien,  
Meredith, N. H.  
B.A. (Belknap College)  
*Field of Specialization: Education*
- Joan Broadstone Osborn, Dayton  
B.S. (Wright State University)  
*Field of Specialization: Education*
- Irene Conrada Pancner,  
Shaker Heights  
B.A. (Case Western Reserve University)  
*Field of Specialization: Romance Languages*
- Rosalyn Ann Pannent, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization: Education*
- Martha Mary Pereszlenyi, Lakewood  
B.A. (Cleveland State University)  
*Field of Specialization: Romance Languages*
- Pamela Dunn Peters, Lake City, Pa.  
B.A. (Otterbein College)  
*Field of Specialization: Education*
- Cheryl Lynn Phillips, Columbus  
B.S. in Edu. (Kent State University)  
*Field of Specialization: Education*
- James Lawson Pirdy,  
Alta Loma, Calif.  
B.A. (University of California at Santa Barbara)  
*Field of Specialization: Education*
- Rex Joe Prater, Columbus  
B.S.Ed.  
*Field of Specialization: Speech Communication*
- Mary Margaret Ralstin, Otway  
B.A.  
*Field of Specialization: Speech Communication*
- Ann Littmann Rappoport,  
St. Louis, Mo.  
A.B. (Oberlin College)  
*Field of Specialization: Political Science*
- William Floyd Ratliff, Columbus  
B.A.  
*Field of Specialization: Romance Languages*
- William Hill Reid, Delaware  
B.A. (Georgetown College); B.D. (South Baptist Theological Seminary)  
*Field of Specialization: Education*
- Stephen Archer Reilly, Columbus  
B.A.  
*Field of Specialization: Speech Communication*
- Linda Rae Robinson, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- William Blackburn Rogers, Columbus  
B.A. (Denison University)  
*Field of Specialization: Journalism*
- Mary Joy Rose, Columbus  
B.S.Ed., M.A.  
*Field of Specialization: Journalism*
- Virginia Lorenzen Rose, Worthington  
B.S.Ed.  
*Field of Specialization: Education*
- Judith Wilson Ross, Worthington  
B.S.Ed.  
*Field of Specialization: Education*
- Dorothy Friedman Rubenstein,  
Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*
- Joyce Dorothy Rudebush,  
New Bremen  
B.S.Ed.  
*Field of Specialization: Education*
- Nicholas Mark Russo,  
New Castle, Pa.  
B.A. (Xavier University)  
*Field of Specialization: Classics*
- Michael Jay Saks, Philadelphia, Pa.  
B.A., B.S. (Pennsylvania State University)  
*Field of Specialization: Psychology*
- Shashi Kala Sampath,  
Bangalore, India  
B.A., M.A. (Bangalore University)  
*Field of Specialization: Journalism*
- Paul David Schaefer, Galloway  
B.A. (Capital University)  
*Field of Specialization: Education*
- Susan Mary Schafer, Columbus  
B.A.  
*Field of Specialization: Speech Communication*
- Susan Brennan Schill, Syracuse, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization: History*
- John James Schlegendorf,  
Waukegan, Ill.  
B.S. (Southern Illinois University)  
*Field of Specialization: Speech Communication*
- Jacqueline Ann Schmidt,  
Sepulveda, Calif.  
B.A. (University of California at Santa Barbara)  
*Field of Specialization: Education*
- Roy Michael Schonfeld,  
Great Neck, N. Y.  
B.A. (Miami University)  
*Field of Specialization: Political Science*
- Lawrence Clifford Schourup,  
Del Mar, Calif.  
B.A. (University of California at San Diego)  
*Field of Specialization: Linguistics*
- Carol Rose Schwebel, Columbus  
B.S. (New York University)  
*Field of Specialization: Education*
- Rebecca Peterson Sealove, Wilmington  
B.S.Ed.  
*Field of Specialization: Education*
- Michael Robert Seifried,  
Jeffersonville, Ind.  
B.A. (Wabash College)  
*Field of Specialization: German*
- Richard Harold Sines, Columbus  
B.A. (Miami University); M.S.  
*Field of Specialization: Economics*
- Evelyn Jean Small, Greenville  
B.A. (Miami University)  
*Field of Specialization: Political Science*
- John Joseph Snyder, Lewisburg, Pa.  
B.A. (California State College at Long Beach)  
*Field of Specialization: Philosophy*

Sallie Fosdick Soiberg, Columbus  
A.B. (Indiana University)  
*Field of Specialization:* Education

Michael Louis Steve, Smithfield, Pa.  
B.A.  
*Field of Specialization:* German

Richard Donald Studer, Worthington  
B.A. (Muskingum College)  
*Field of Specialization:* Education

Allen Suggs, Jr., Columbus  
B.S. (Mississippi Vocational College)  
*Field of Specialization:* Education

Davie Tate, Jr., Columbus  
B.S. (Ohio University)  
*Field of Specialization:* Education

Richard Raymond Teaff, Columbus  
B.A. (Capital University)  
*Field of Specialization:* Education

Unice Henrietta Teasley, Middletown  
B.S.Ed.  
*Field of Specialization:* Education

Patricia Schopfer Teegardin,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Roy Lee Thomas, Anderson, S. C.  
B.S. (Wilberforce University)  
*Field of Specialization:* Education

Deborah Kay Thompson, Cambridge  
B.S. (Kent State University)  
*Field of Specialization:* Physical  
Education

Katherine O'Neill Tracey, Grove City  
B.A. (College of Wooster)  
*Field of Specialization:* Education

Gabriel Thomas Ukott, Abak, Nigeria  
B.S. (Paine College)  
*Field of Specialization:* Education

Stephen Joseph Vanaman,  
Louisville, Ky.  
A.B. (Saint Mary's Seminary,  
Maryland)  
*Field of Specialization:* Philosophy

Karen Elizabeth Printy Walby,  
Fremont  
B.A.  
*Field of Specialization:* Geography

Henry Matthew Ward, Lancaster  
B.S. (Middle Tennessee State College)  
*Field of Specialization:* Music

JoAnne Rohrer Ward,  
Kansas City, Mo.  
B.A. (University of Missouri)  
*Field of Specialization:* Education

Carol Anne Wengerd, Louisville  
A.B. (Ohio University)  
*Field of Specialization:* Psychology

Donna McIntyre Whyte, Columbus  
B.A.  
*Field of Specialization:* Education

Margaret Williams, Columbus  
B.S. (West Virginia State College)  
*Field of Specialization:* Education

Sheila Pugh Wolfe, Columbus  
B.A. (Wellesley College)  
*Field of Specialization:* History of  
Art

Richard Eugene Zeller, Fairview Park  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Geography

William Florian Zenker, Columbus  
B.S.Bus.Ad., B.A.  
*Field of Specialization:* Education

Susan Burr Zimmerman, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Ira Marc Zucker, Staten Island, N. Y.  
B.A. (State University College at  
Oneonta)  
*Field of Specialization:* Speech  
Communication

Ruth Krauthamer Zwelling, Zanesville  
B.A.  
*Field of Specialization:* Education

#### **Master of Business Administration**

Thirty-one candidates

Charles John Adam, Dayton  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Yogesh Krishna Agrawal,  
Lucknow, India  
B.Tech. (Indian Institute of  
Technology); M.S.  
*Field of Specialization:* Business  
Administration

Mark Edward Bjerke,  
Walla Walla, Wash.  
B.S. in Agr. (Washington State  
University)  
*Field of Specialization:* Business  
Administration

William Van Corban, Kettering  
B.S., J.D.  
*Field of Specialization:* Business  
Administration

Joseph Michael Culp, Columbus  
A.B. (Rockhurst College)  
*Field of Specialization:* Business  
Administration

Donald Lee Curtis, Columbus  
B.S.M.E. (Tufts University)  
*Field of Specialization:* Business  
Administration

David George Eickholt, Columbus  
B.S. (University of Notre Dame)  
*Field of Specialization:* Business  
Administration

Warren Lee Erickson,  
Valparaiso, Ind.  
B.S.I.M. (Purdue University)  
*Field of Specialization:* Business  
Administration

Vincenzo Ferranti, Columbus  
B.A.  
*Field of Specialization:* Business  
Administration

Jerry Curtis Fletcher, Chillicothe  
B.S.Agr.  
*Field of Specialization:* Business  
Administration

Alan Charles Gerboc, Cleveland  
B.A.  
*Field of Specialization:* Business  
Administration

Steven Eugene Glass,  
Washington C. H.  
B.A.  
*Field of Specialization:* Business  
Administration

Robert Gourley Hersam, Granville  
B.S. (Denison University)  
*Field of Specialization:* Business  
Administration

Bryce Haven Hooker, Uhrichsville  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

William Hardin Jamison, Columbus  
B.S. (Washington and Lee  
University)  
*Field of Specialization:* Business  
Administration

William Frank Kearns, Columbus  
B.S.A.A.E.  
*Field of Specialization:* Business  
Administration

Burton Charles Krieger, Dayton  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Robert Browning Ligon, Granville  
B.S. (University of Kentucky)  
*Field of Specialization:* Business  
Administration

Douglas Melville Payne, Ashtabula  
B.S. (Purdue University)  
*Field of Specialization:* Business  
Administration

Max Lee Richardson, Newark  
B.S.I.M. (Purdue University)  
*Field of Specialization:* Business  
Administration

Dean Edwin Robertson, Westerville  
B.S. Bus. Adm.  
*Field of Specialization:* Business  
Administration

James Edward Rohr, Beachwood  
B.A. (University of Notre Dame)  
*Field of Specialization:* Business  
Administration

Carl James Rotter, Chagrin Falls  
B.S. (University of Pittsburgh)  
*Field of Specialization:* Business  
Administration

Jeffrey Owen Smith, Pittsford, N. Y.  
B.A. (Wittenberg University)  
*Field of Specialization:* Business  
Administration

Lonnie Stagg Smith, Columbus  
A.B. (Grove City College)  
*Field of Specialization:* Business  
Administration

Ruford Linley Tipton, Dayton  
B.S.  
*Field of Specialization:* Business  
Administration

Robert George Tuhacek, Wickliffe  
B.S. Bus. Adm.  
*Field of Specialization:* Business  
Administration

Alex Paul Ver, Delaware  
B.S. (Illinois Institute of Technology)  
*Field of Specialization:* Business  
Administration

Peter John Wells, Cleveland  
B.B.A. (Cleveland State University)  
*Field of Specialization:* Business  
Administration

James Edward White, Columbus  
B.A.A.E.  
*Field of Specialization:* Business  
Administration

Stephen Martin Zawitz, South Euclid  
B.S. (Miami University)  
*Field of Specialization:* Business  
Administration

#### Master of City Planning

Two candidates

David Frank Holscott, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization:* City and  
Regional Planning

Thomas Alfred Lindström,  
Bay Village  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* City and  
Regional Planning

#### Master of Fine Arts

Three candidates

Mary Ann Peterson Dewald,  
Columbus  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Sculpture)

Patricia Nilson McCulloh, Gambier  
B.A., B.S. Ed.  
*Field of Specialization:* Fine Arts  
(Graphics)

Ellis Robert Veatch, II,  
Anchorage, Alaska  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Graphics)

#### Master of Music

Two candidates

Diana Ruth Duffin, Yardley, Pa.  
B.S. (Juilliard School of Music)  
*Field of Specialization:* Music

Patricia Wood Sergi, Springfield  
B.Mus.  
*Field of Specialization:* Music

#### Master of Science

One hundred and forty-nine candidates

Sulaiman Adeniyi Adekola,  
Lagos, Nigeria  
B.S. (Eng.) (Ahmadu Bello  
University, Nigeria)  
*Field of Specialization:* Electrical  
Engineering

James Albert Antoline, Galion  
B.E.E. (General Motors Institute)  
*Field of Specialization:* Electrical  
Engineering

Richard Carl Baer, Maumee  
B.S. Agr.  
*Field of Specialization:* Botany

Judith Louise Banks, Columbus  
B.S.  
*Field of Specialization:* Botany

Thomas Glenn Baybrook, Latrobe, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Geodetic  
Science

Charles Hamilton Bell, Frazeytsburg  
B.S. Agr.  
*Field of Specialization:* Agricultural  
Education

<sup>1</sup>Richard Alan Bell, Middlefield  
*Field of Specialization:* Mechanical  
Engineering

Stuart Frick Biggar,  
Bakersfield, Calif.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Physics

Norman Ralph Blaney, Sarahsville  
B.S. in Agr. (West Virginia  
University)  
*Field of Specialization:* Agricultural  
Education

Jeffrey Lee Blough, Wooster  
B.S. (Alma College)  
*Field of Specialization:* Metallurgical  
Engineering

<sup>2</sup>David Roy Boodey, Peninsula  
*Field of Specialization:* Chemical  
Engineering

William Paul Bradford, Mt. Vernon  
A.B. (Atlantic Union College);  
B.S. (Loma Linda University)  
*Field of Specialization:* Pathology

Jon Andrew Branson, Midland, Mich.  
B.S. (Michigan State University)  
*Field of Specialization:* Chemical  
Engineering

Nancy Andrew Brunner, Columbus  
B.S. Nurs.  
*Field of Specialization:* Nursing

Frances Clare Butler,  
Halifax, N. S., Canada  
B.Sc. (Saint Francis Xavier  
University, Nova Scotia)  
*Field of Specialization:* Allied  
Medicine

Kenneth Peter Camerier, Columbus  
B.S.M.E. (Marquette University)  
*Field of Specialization:* Mechanical  
Engineering

<sup>1</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering.

<sup>2</sup> Also Bachelor of Chemical Engineering,  
College of Engineering.

- William Carl Carlson, Columbus  
B.S. (University of Washington)  
*Field of Specialization: Natural Resources*
- Lois Cheung Chan, Lakewood  
B.Sc. (Chinese University of Hong Kong)  
*Field of Specialization: Botany*
- Festus Charles,  
Port-au-Spain, Trinidad  
Dipl. (Royal Institution of Chartered Surveyors, Trinidad)  
*Field of Specialization: Geodetic Science*
- David Yu-Hung Chen,  
Chattanooga, Tenn.  
B.S.E.E. (Purdue University)  
*Field of Specialization: Electrical Engineering*
- Richard Kendall Childers, Catlin, Ill.  
B.S. (University of Illinois)  
*Field of Specialization: Physics*
- Elias Nicholas Chotas,  
Gainesville, Fla.  
B.S. (Duke University)  
*Field of Specialization: Chemistry*
- Kurtis Ying Chow, Seattle, Wash.  
B.S.Ch.E. (University of Washington)  
*Field of Specialization: Chemical Engineering*
- Anita Marguerite Collins,  
Kutztown, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Genetics*
- James Patrick Collins,  
Wantagh, N. Y.  
B.A. (Hofstra University)  
*Field of Specialization: Geodetic Science*
- Phillip Roger Cowles, Wilton, N. D.  
B.A. (Saint John's University);  
B.S.C.E. (University of Missouri at Rolla)  
*Field of Specialization: Geodetic Science*
- John Mackenzie Crabill, Columbus  
B.S., D.D.S.  
*Field of Specialization: Dentistry*
- James Eugene Cummins, Pioneer  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- Bruce Ivan Darbee,  
South Wales, N. Y.  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Jerome Gordon Dare, Columbus  
B.A. (University of California, Berkeley)  
*Field of Specialization: Physics*
- Stanley Edward DeBoer, Jr.,  
Glen Rock, N. J.  
A.B., B.S. (Rutgers University)  
*Field of Specialization: Mechanical Engineering*
- David Henry Diebold,  
Los Lunas, N. M.  
B.S. (New Mexico State University)  
*Field of Specialization: Agricultural Engineering*
- William Robert Dodge, Bellefontaine  
D.D.S.  
*Field of Specialization: Dentistry*
- Therese Ann Dolecek, Berwyn, Ill.  
B.S. (Michigan State University)  
*Field of Specialization: Allied Medicine*
- Ray Drumright, Harper, Kan.  
B.S., D.V.M. (Kansas State University)  
*Field of Specialization: Veterinary Medicine*
- Jo Ellen Kidwell Dunlap, Columbus  
B.S.  
*Field of Specialization: Microbiology*
- David Allan Eastburn,  
Wilmington, Delaware  
A.B. (Catawba College)  
*Field of Specialization: Computer and Information Science*
- David Howard Evans, Columbus  
B.S.M.E. (University of Cincinnati)  
*Field of Specialization: Industrial Engineering*
- Daniel Ference, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization: Electrical Engineering*
- Daniel Raymond Fiehrer, Hamilton  
D.D.S.  
*Field of Specialization: Dentistry*
- Gary Lee Flinn, Houston  
B.S.Agr.  
*Field of Specialization: Horticulture*
- Hui-Hsing Fu, Taipei, Taiwan  
B.S. (National Tsing Hua University)  
*Field of Specialization: Physics*
- Joseph H. Gallenstein, Jr., Cincinnati  
B.S.M.E. (University of Cincinnati)  
*Field of Specialization: Mechanical Engineering*
- Jack B. Ganz, Columbus  
B.S.  
*Field of Specialization: Biophysics*
- Thomas Joseph Geers, Jr., Columbus  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization: Electrical Engineering*
- James Raymond Glendon,  
Cuyahoga Falls  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- John Michael Gnau, Springfield  
B.S.  
*Field of Specialization: Microbiology*
- Lawrence Davis Goldsmith, Jr.,  
Trumbull, Conn.  
B.S. (College of William and Mary)  
*Field of Specialization: Computer and Information Science*
- Arthur Allen Goldstein,  
University Heights  
B.M.E.  
*Field of Specialization: Mechanical Engineering*
- Carmel Leslie Golliday, Jr.  
Martinsburg, W. Va.  
B.S.E.E. (West Virginia University)  
*Field of Specialization: Electrical Engineering*
- James Greenlees Good, Marietta  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- James Curtiss Greetham, Lima  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Eric Anderson Grulke, Berea  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Paul Leon Hammer, Jr.,  
Falls Village, Conn.  
B.S. (University of Connecticut)  
*Field of Specialization: Horticulture*
- Edwin James Hammett, Columbus  
B.S.Agr.  
*Field of Specialization: Natural Resources*
- John Rae Hardman,  
Downsview, Ont., Canada  
B.Applied Science, M.Sc. (University of Waterloo)  
*Field of Specialization: Nuclear Engineering*

Virginia Macrow Hartley,  
Worthington  
B.S. (Indiana University)  
*Field of Specialization: Allied  
Medicine*

Jukka Jyrki Oskari Haukka,  
Helsinki, Finland  
Kand. (University of Helsinki);  
Dipl. (Helsinki School of Economics);  
Lic. (Helsinki University)  
*Field of Specialization: Food Science  
and Nutrition*

Charles Humphrey Hawkins,  
Columbus  
D.D.S. (Meharry Medical College)  
*Field of Specialization: Dentistry*

Timothy Craig Hawkins, Dayton  
B.S.  
*Field of Specialization: Electrical  
Engineering*

James Richard Helt, Mt. Gilead  
B.S. Agr.  
*Field of Specialization: Agricultural  
Education*

Raymond Keith Hertz, Convoy  
B.S. (Indiana Institute of  
Technology)  
*Field of Specialization: Chemistry*

Rada Ruth Higgins, Euclid  
A.B. (University of Miami)  
*Field of Specialization: Mathematics*

Dennis Ray Hizer, Jeannette, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Computer and  
Information Science*

Teresa Takchi Ho,  
Causeway Bay, Hong Kong  
B.A. (University of Hawaii)  
*Field of Specialization: Computer and  
Information Science*

Glenn Ross Hodges, Columbus  
B.A. (Muskingum College);  
M.D. (University of Chicago)  
*Field of Specialization: Medical  
Microbiology*

Philip Ramage Hoge, Gahanna  
B.S. in Civ. Eng. (University of  
Missouri at Rolla)  
*Field of Specialization: Geodetic  
Science*

Roger Edward Hollenbaugh,  
Middletown  
B.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Ming-Tung Hsu, Rockville, Conn.  
B.S. Eng. (National Taiwan  
University)  
*Field of Specialization: Electrical  
Engineering*

Wen Shiung Hsu, Taipei, Taiwan  
B.S. (Fu Jen University)  
*Field of Specialization: Mathematics*

John Edward Hulit, Canton  
B.A., D.D.S. (Case Western Reserve  
University)  
*Field of Specialization: Dentistry*

Theodore John Ikeler, Midland, Mich.  
B.S. (University of Wisconsin)  
*Field of Specialization: Chemistry*

James Kenneth Johnson, Dayton  
B.A.E. (Georgia Institute of  
Technology)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

George Earl Kerns, Harrisburg, Pa.  
B.S. Met. Engr. (Drexel Institute of  
Technology)  
*Field of Specialization: Metallurgical  
Engineering*

Donald Thomas Kiefer, Marion  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Randy Owen Knapp, Lexington  
B.S. Cer. E.  
*Field of Specialization: Ceramic  
Engineering*

David James Krile, Dayton  
B.S.E.E. (University of North  
Dakota)  
*Field of Specialization: Electrical  
Engineering*

Hwi Margaret Lee, Taipei, Taiwan  
B.S. (National Chiao Tung  
University)  
*Field of Specialization: Electrical  
Engineering*

Shi-Chuan Lee, Kaohsiung, Taiwan  
B.S. (National Chiao Tung  
University)  
*Field of Specialization: Electrical  
Engineering*

Sun Lee, Seoul, Korea  
B.S. Eng. (Seoul National University)  
*Field of Specialization: Civil  
Engineering*

William Donald Lemke,  
Cuyahoga Falls  
B.S.  
*Field of Specialization: Chemistry*

Charles Glaser Lenhard, Columbus  
A.B. (College of Saint Charles  
Borromeo); M.A.  
*Field of Specialization: Preventive  
Medicine*

Yu-Lan Wang Liang, Taipei, Taiwan  
B.S. (Taiwan Cheng Kung  
University)  
*Field of Specialization: Chemistry*

Steven Robert Lindle,  
Bloomington, Ind.  
B.A. (Indiana University)  
*Field of Specialization: Physics*

Jacque Rollins Lingenfelter, Jr.,  
Columbus  
B.S.A.A.E.  
*Field of Specialization: Nuclear  
Engineering*

Jerry Boyd Lisiecki, Orwell  
B.S.  
*Field of Specialization: Natural  
Resources*

Maurice Thomas Lough, Elkton, Va.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Geodetic  
Science*

James Melton Lund, Oak Creek, Wis.  
B.A. (Brigham Young University)  
*Field of Specialization: Astronomy*

Bonnie Husse Lyle, Columbus  
B.S. Nurs.  
*Field of Specialization: Nursing*

Walter Lee Magee, Jr.,  
Beaumont, Tex.  
B.S. (Lamar State College of  
Technology)  
*Field of Specialization: Chemistry*

Brian Manhire, Milton, N. J.  
*Field of Specialization: Electrical  
Engineering*

Alice Kline Manion, Toledo  
B.S. (Loyola University)  
*Field of Specialization: Nursing*

Robert Edgar Maute, Texas City, Tex.  
B.S. (Lamar State College of  
Technology)  
*Field of Specialization: Physics*

Ralph Burdette McDonald, Jr.,  
Allendale, S. C.  
B.S. (University of South Carolina)  
*Field of Specialization: Geodetic  
Science*

: Also Bachelor of Electrical Engineering.  
College of Engineering

- Bernard Wallace McIntosh, San Angelo, Tex.  
B.S. (Texas Agricultural and Mechanical University)  
*Field of Specialization: Geodetic Science*
- Gary David McMullen, Burwell, Neb.  
B.S. in Educ., D.D.S. (University of Nebraska)  
*Field of Specialization: Dentistry*
- Bruce Dale Metcalf, Detroit, Mich.  
B.S. (Wayne State University)  
*Field of Specialization: Physics*
- James Eugene Meyer, Springfield B.A. (Wittenberg University); M.B.A.  
*Field of Specialization: Allied Medicine*
- Margaret McEvoy Miller, Columbus B.A. (Ohio Wesleyan University)  
*Field of Specialization: Medical Microbiology*
- Marshall Zachery Miller, Columbus B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Robert Bruce Miller, St. Paris B.S.Phys.  
*Field of Specialization: Nuclear Engineering*
- Peter Matthew Mrozinski, Chicago, Ill.  
B.A. (Saint Mary's College, Minnesota)  
*Field of Specialization: Physics*
- David Alan Munn, Reynoldsburg B.S.Agr.  
*Field of Specialization: Agronomy*
- Lula Joan Naylor, Reynoldsburg B.S.Nurs.  
*Field of Specialization: Nursing*
- Larry Wesley Noggle, Idaho Falls, Idaho  
B.M.E. (General Motors Institute)  
*Field of Specialization: Nuclear Engineering*
- Gregory Armstrong Norton, Pontiac, Mich.  
B.A. (Oakland University)  
*Field of Specialization: Physics*
- <sup>1</sup> William Geoffrey Owen, Cincinnati  
*Field of Specialization: Natural Resources*
- Ralph Ronald Person, Oakland, Calif.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- Pamela Pierce Petrovic, Columbus B.A.  
*Field of Specialization: Natural Resources*
- David Winch Pierce, Holliston, Mass.  
B.S. (University of Massachusetts)  
*Field of Specialization: Geodetic Science*
- David Richard Potts, Dayton B.S. (Wright State University)  
*Field of Specialization: Physics*
- Larry Robert Pullin, Columbus B.S. in Phar. (Ohio Northern University)  
*Field of Specialization: Entomology*
- Ronald Edson Rager, Columbus B.C.E.  
*Field of Specialization: Civil Engineering*
- Kenneth Max Ramble, Worthington B.S.E.E. (Washington State University)  
*Field of Specialization: Electrical Engineering*
- Alonso Ramirez, Palmira, Colombia Ing.Agron. (National University of Colombia)  
*Field of Specialization: Agronomy*
- Arvind Rana, Kurukshetra, India B.Sc. (Kurukshetra University); B.S.  
*Field of Specialization: Computer and Information Science*
- Tariq Rehman, Lahove, Pakistan B.S. (West Pakistan University of Engineering and Technology)  
*Field of Specialization: Ceramic Engineering*
- Lois Carolyn Rich, Staten Island, N. Y.  
A.B. (Hope College)  
*Field of Specialization: Microbiology*
- James Richard Ruble, Dayton B.S.A.E. (University of Cincinnati)  
*Field of Specialization: Mechanical Engineering*
- John Rollo Ruble, Columbus B.S. (University of Hawaii)  
*Field of Specialization: Chemistry*
- Jerry Lee Ruyan, Westerville B.S. (Ashland College)  
*Field of Specialization: Zoology*
- Allan Peter Sather, Edmonton, Alta., Canada B.S.Agr. (University of Alberta)  
*Field of Specialization: Animal Science*
- John Pack Shanklin, Jr., Fairborn B.S.E.E. (Iowa State University)  
*Field of Specialization: Electrical Engineering*
- James Alvin Shearer, Columbus B.S. (Colorado State University)  
*Field of Specialization: Geodetic Science*
- Leo Gee-Hum Siu, Hong Kong B.S.E. (San Diego State College); M.Engr. (University of Oklahoma)  
*Field of Specialization: Computer and Information Science*
- Thomas Lee Sluss, Columbus B.E.E.  
*Field of Specialization: Electrical Engineering*
- <sup>2</sup> Michael Joseph Smith, Bridgeport  
*Field of Specialization: Civil Engineering*
- <sup>3</sup> Stephen Douglas Smith, Newark  
*Field of Specialization: Electrical Engineering*
- Andrew James Spalla, Pittsburgh, Pa. D.D.S. (University of Pittsburgh)  
*Field of Specialization: Dentistry*
- Frank Richard Stead, Parma Heights B.M.E. (Cleveland State University)  
*Field of Specialization: Mechanical Engineering*
- Douglas Arthur Stoll, Benton Harbor, Mich.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- James Walter Swinehart, Columbus B.S.Agr.  
*Field of Specialization: Horticulture*
- Jude Henry Terhall, Columbus B.S. (United States Air Force Academy)  
*Field of Specialization: Computer and Information Science*
- William Bruce Thayer, Columbus B.C.E.  
*Field of Specialization: Civil Engineering*
- George John Theus, Jr., Parma B.S. (Case Institute of Technology)  
*Field of Specialization: Metallurgical Engineering*

<sup>1</sup> Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics  
<sup>2</sup> Also Bachelor of Civil Engineering, College of Engineering  
<sup>3</sup> Also Bachelor of Electrical Engineering, College of Engineering

Joseph Lissa Tommy,  
Greensboro, N. C.  
B.Sc. (Agricultural and Technical  
State University, North Carolina)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Robert Herman Trempert, Lima  
B.S. (Ball State Teachers College)  
*Field of Specialization: Biophysics*

Cheryl Pearson Van Deusen,  
Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

George Emerson VanScyoc,  
Columbus  
B.S.Agr.  
*Field of Specialization: Agronomy*

Sue Ann Vartuli, Endwell, N. Y.  
B.S. (State University of New York  
at Oneonta)  
*Field of Specialization: Home  
Economics*

James Noel Vinci, Mayfield Heights  
B.S. (Baldwin-Wallace College)  
*Field of Specialization: Chemistry*

Abdul Syed Kazmi Waheed,  
Karachi, Pakistan  
B.Sc., M.Sc. (University of Karachi)  
*Field of Specialization: Entomology*

Steven Richard Wenner, Bucyrus  
B.S.Phys.  
*Field of Specialization: Mathematics*

Marvin Charles Whiting,  
Eagle Mountain, Calif.  
B.S.  
*Field of Specialization: Geodetic  
Science*

John Calvin Williams, Columbus  
B.S. (University of Oklahoma)  
*Field of Specialization: Mathematics*

\* Robert Edmund Wills, Columbus  
*Field of Specialization: Welding  
Engineering*

James Clark Wilson, Urbana  
B.S.; D.M.D. (University of  
Kentucky)  
*Field of Specialization: Dentistry*

Jerry Robert Wood, Columbus  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*

Ludmila Yarowa, Parma  
B.A. (Case Western Reserve  
University)  
*Field of Specialization: Chemistry*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Richard P. Goldthwait

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

**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 29

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Two candidates

Richard Sean Mosholder, Warren  
John William Pyson, Sandusky

Peter Mavromichalis, Cleveland  
Jack Lee Musgrave, Columbus  
David Warren Nice, Delaware  
Robert Albert Nist, Eastlake  
Sharon Marie Ondreyco, Elyria  
Patrick Joseph Salcone, Columbus  
James Edward Sanders, Bellevue  
Marc Allen Schwartz, Columbus  
John Douglas Seibert, Toledo  
Timothy Charles Shepherd, Ada  
Steven Edward Smathers, Columbus  
Timothy Lawrence Snyder, Dayton  
Frank Henry Stieg, III, Fairfield  
Nicholas Matthew Taflan, Bellaire  
Sharla Ann Waltz, Lima  
Virginia Anne Whitmer, Maumee  
James Hutchison Williams, Jr., Columbus  
David Leonard Wirtz, Cincinnati

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Fine Arts

Fourteen candidates

Michael Douglas Ahren, Columbus  
Nancy Ellis Beck, Columbus  
Cheryl McElligott Folds, Columbus  
Randy Reed Harris, Columbus  
Diane J. Howard, Marion  
Barbara Gene Lohmann, Columbus  
Deborah Milanovich, Columbus  
Charles Kenneth Miller, Columbus  
Kathleen Ann Miller, Youngstown  
Ellen Marie Nestrick, Alliance  
David Kent Schwenker,  
East Cleveland  
Shelley Elizabeth Stevens,  
Worthington  
Christopher Eric Strauss, Columbus  
Caroline Biehn Warren, Granville

### Bachelor of Music

Three candidates

Janyce Bloch Chitty, Columbus  
Joseph Vernon Schults, St. Marys  
Linda Mercille Zartman, Columbus

### Bachelor of Science

Forty-seven candidates

Martha Sue Alexander, Columbus  
Dale Charles Angerman, Navarre  
Christopher Lee Baker, Lima  
Thomas Allen Bartley, Springfield  
Nicca Dianne Caltrider,  
Colorado Springs, Colo.  
James William Cottrell, Columbus  
James Patrick Crowley, Columbus  
Gale David Cultice, Columbus  
Candace Kay Davis, Columbus  
James Marshall Eames, Columbus  
Herbert Ray Estis, Columbus  
Dale Carleton Fazio, Solon  
John Richard Foit, New Boston  
Dana Duane Forshey, Caldwell  
Steven Leslie Gardner, South Euclid  
Jan Kenneth Garverick, Cardington  
Jane Ann Grigor, Hartsville  
Gary Wayne Guren, Canton  
Gary Haigh, Oberlin  
Merry Hetrick Harrison, Columbus  
John William Herbert, Orrville  
Roger Lee Hoagland, Cincinnati  
Dennis Clinton Jackson, Cleveland  
Ronald Kapp, Brecksville  
Robert Alan Kidikas, Hartsville  
Stuart Brooks Kincaid, Hillsboro  
Elissa Gayle Klinge, Bayville, N. Y.  
Dennis James Kolsun,  
Pittsburgh, Pa.  
Carl Edwin Kuenzli, Nevada

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Sixty-nine candidates

Deborah Ann Ballam, Mt. Vernon  
Linda Eleanor Bates, Dayton  
Elaine Harner Biehl, Columbus  
Randy Allen Boedicker, Lima  
\*Carol Louise Born, Columbus  
Margaret Eileen Buchanan,  
Wintersville  
Rosanne Nowak Buckner, Cleveland  
Doris Elsie Clarke, Cleveland  
Larry James Cowgill, Cambridge  
Samuel Bernhard Davis, Columbus  
Katherine Barbara Drobot, Columbus  
Jay Lowell Evans, Gallipolis  
Brian Michael Flaherty, Columbus  
\*Linda Strough Fluhart, Columbus  
John Roger Garbo, Jr., Willoughby  
Timothy Alan Gibbs, Columbus  
Donatella Vigo Glod, Milano, Italy  
Barbara Jean Gustaferra,  
Fairfax, Va.  
Robert Duane Hammond, West Milton  
Barbara Pusack Harris, Cincinnati  
Stanley Edward Hartman, Barberton  
Bruce McNeill Hayman, Rocky River  
Richard Charles Heath, Columbus

\* Also Bachelor of Science in Education, College of Education

Amy Rebecca Heyman,  
Middlesex, N. J.  
David L. Hite, Jr., Utica  
Albert Harvey Joy, New York, N. Y.  
Michael Thomas Kaplan,  
Baldwin, N. Y.  
Patricia Kennedy, Cincinnati  
William Frederick Larkin, Jr.,  
Columbus  
Martin Jeffrey Leighninger, Columbus  
Laurie Gatherum MacFarlane,  
Columbus  
David Newton Marinelli,  
New Providence, N. J.  
Bruce Loudon McCormick,  
North Lewisburg  
\*William Patrick McLoughlin,  
Columbus  
Steven Andrew Michael,  
Washington, D. C.  
Gerald Joseph Michalec, Mentor  
Dennis James Moore, Willowick  
John Bruce Mower, II, Columbus  
Miriam Elizabeth Nathanson,  
Columbus  
Gary Keith Neidenthal, Columbus  
Eugene Philip Parker, Fairborn  
Marjorie June Pettus, Cleveland  
Joann Waldeck Posey, Columbus  
Craig Jay Rabiner, Lima  
Erica Elizabeth Retter, Columbus  
Greg Robert Rinehart, Columbus  
David Arthur Ringo, Trotwood  
George Maurice Sheehan, II,  
Van Wert  
\*Carol Virginia Shuman, Cincinnati  
Marilyn Simon, Cleveland  
Daniel Skaljic, Parma  
Jan Elizabeth Sohayda, Mineral Ridge  
Laurence Edmund Spies, Columbus  
Mary Elizabeth Stillwell, Elyria  
Brian Alexander Straub, Columbus  
Donald Joseph Swartz, Columbus  
Kevin John Talty, Euclid  
Danny Robert Thompson, Oregon  
Tia Arlene Thorla, Zanesville  
Roberta Louise Tipton, Dayton  
Ellen Rider Tomlinson, Columbus  
Robert Christner Trundle, Jr.,  
Cleveland  
Thomas Lee Tuck, Fremont  
Randy Lee Walker, Columbus  
Margaret Ellen Wallace, Hilliard  
Stephen Ray White, Cleveland  
Gary Wilber, Cincinnati  
Elise Wunder, Valley Forge, Pa.  
Robert Zelwin, Cleveland

## College of Mathematics and Physical Sciences

Dean: Richard P. Goldthwait

### Bachelor of Arts

Seven candidates

Rebecca Lou Bowling, Massillon  
Timothy Francis Kotyuk, Cleveland  
Fred Jack Marinko, Willoughby  
Gary Donald Miller, Lima  
William Keith Peairs, Springfield  
Nancy Lee Provenza, Lorain  
Stephanie Schwartz Saltzman,  
Columbus

### Bachelor of Science

Thirty-one candidates

Constance Sue Au, Lucas  
David Scott Birsa, Jefferson  
Charles Roy Cooper, Maple Heights  
Hugh Merrill Boyd Davis, II,  
Columbus  
Bruce William Dean, Rittman  
James Dale Dolph, Lynchburg  
Roger Lee Elsom, Columbus  
Daniel Raymond Given, Jr., Columbus  
Pat Lynn Guest, Perrysburg  
William Francis Keilt, Hillsdale, N. J.  
Stephen Robert Kelso,  
St. Albans, W. Va.  
Stephen Frederick Kessler,  
Brockton, Mass.  
Robert Alan Lewis, Columbus  
Judy Ann Long, Columbus  
Timothy Spiess Manchester, Lakeview  
Robert Charles Martoglio,  
West Caldwell, N. J.  
Robert Ray Merritt, Columbus  
Richard Albert Morris, Lakewood  
Thomas Gerald Naymik, Lorain  
James Robert Peffers, Dublin  
Jeffrey Michael Robel, Johnstown, Pa.  
Timothy Robert Schulte, Mayfield  
John Anthony Schwartz, Columbus  
Theodore Roosevelt Smith, Columbus  
David Elliot Strayer, Delaware  
Dennis K. Strayer, Lima  
Charles Robert Stueve, Dayton  
Alvin Eugene Stutz, Piqua  
Ronnie David Willis, Chillicothe  
Nancy Jo Zink, Hamilton  
Eugene Robert Zizka, Garfield Heights

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and forty candidates

Jacquelyn Yvonne Abbott, Cleveland  
Toby Marion Abrams, Teaneck, N. J.  
Michael Hackney Adams, Columbus  
David Clark Allen, Portsmouth  
Michael Vern Ashton, Lima  
Paul Martin Aucoin, Loveland  
Lawrence Harris Babich, Marion  
David Kary Ball, Columbus  
Deborah Weickhardt Barr, Columbus  
James William Blackburn, Columbus  
David Edward Boker, Warren  
John Michael Boland, Columbus  
Donald Jay Brandt, Short Hills, N. J.  
Leslie John Brinkerhoff, Mansfield  
Steven Edwin Buck, Columbus  
David Dwight Buckland, Leipsic  
Roger Dean Burleson, Portsmouth  
Jack Adien Carroll, Cincinnati  
James Dominic Chillemi, Rocky River  
Stephen Thomas Clark, Columbus  
Carol K. Clarke, Columbus  
Beverly Rae Claycombe, Columbus  
Leonard Andrew Comeras, Columbus  
Cornell Cotton, New Miami  
Robert Gordon Cromley,  
Manassas, Va.  
Terry Paul Darcangelo, Columbus  
Anthony Davey, Columbus  
Ronald Lee Davis, St. Marys  
William Schaefer Day,  
Shaker Heights  
Dominick Sabino Dennis, Springfield  
Thomas Edward Deschler, Dayton  
Mary Ethel Devaney, Rye, N. Y.  
Steven Scott Doerrler, Troy  
Roger Thomas Domer, Youngstown  
Stanley Dub, Columbus  
Harry David Farkas, South Euclid  
Diane Iris Fellman, Euclid  
John Crooks Fickell, Columbus  
Gary Alan Fields, North Olmsted  
Thomas Edward Fontana, Columbus  
James Jefferson Forte, Columbus  
John Fred Freeman, Columbus  
Marlene Sharon Freeman,  
Utica, N. Y.  
John Eugene Gerardi, Columbus

\* Also Bachelor of Science in Education,  
College of Education

Jeffrey M. Goldberg,  
Great Neck, N. Y.  
Danny Louis Gunselman,  
North Ridgeville  
Dianne Harrington, West Milton  
Michael Scott Hart, Flushing, N. Y.  
Mary Frances Hawthorne, Lynchburg  
Louis John Henry, Columbus  
Diane MacDonald Hockman, Columbus  
Dale Arlen Hoover, Crestline  
John Russell Hunt, Columbus  
Michael David Imfeld, Middletown  
Tommy Alvin Jenkins, Sandusky  
Ewing Richard Jones, Columbus  
Dennis Lee Joy, Warren  
Frederick Dennis Kanter, Beachwood  
Arlene Annette Katz, Columbus  
Myron Keith Kauffer, Columbus  
Patricia German Keel, Columbus  
Joseph King, Jr., Cincinnati  
Mary Kathryn Koenig, Rochester  
Linda M. Kolt, Dublin  
Lisa Ilene Landes, London  
Nicholas Clinton Lang, Columbus  
Shelley Edwina Lea, Newark, N. J.  
Robert Alan Levite, Steubenville  
Paul Alan Lewis, Columbus  
William Joseph Lippl, Hamden  
Robert Leroy Loser, Jr., Columbus  
Susan Michele Loviner, Columbus  
Virginia Mae Lowish, Summit, N. J.  
Thomas Lee Mangan, Dayton  
Richard Chung Pei Mao, Columbus  
Henry Marshall Marbly, III,  
Cincinnati  
Sean Hayes Maxfield, Columbus  
Mary Ann Mazzarella, Middletown  
Margaret Anne McDermott, Cleveland  
David Joseph McGory, Sandusky  
Patrick Michael McGreevy, Columbus  
Robert John McKenney, Columbus  
Barbara Joan Melzer, Cincinnati  
\*Gayle Temma Miller,  
Cleveland Heights  
George Franklin Miller, Newark  
Joan Kay Miller, Rockford  
Michael Thomas Mindigo, Columbus  
James Stephen Mitchell, Columbus  
Ian Douglas Morgan, Berea  
Timothy Carl Nash, Columbus  
Nancy Lee Nelson,  
Cleveland Heights  
Paula Joyce Nemitz, Reynoldsburg  
Lawrence Stras Nichols, Columbus  
William Edward O'Keefe, Jr.,  
Columbus  
Cheryl Ann O'Leary, Cincinnati  
Audrey P. Oquendo,  
Long Island City, N. Y.

Mary Jo Panzone, Columbus  
Paul Eugene Peck, Columbus  
Jerome Perko, Bridgeport  
Jack Alan Pesselman, Beachwood  
Bryan Edsel Pfabe, Painesville  
Alayne Anne Piccino,  
Mayfield Heights  
Margaret Howell Porter,  
Mt. Kisco, N. Y.  
Diane Elizabeth Pritchett, Cincinnati  
Dan Earl Pugh, Olmsted Falls  
Virginia Louise Puthoff, Chickasaw  
Linda Jean Pyle, Glenolden, Pa.  
Patricia Helen Rager, Paulding  
Thomas Roy Restorick, Newark  
John Nixon Riggs, III, Columbus  
Americus Vincent Rocco,  
Pittsburgh, Pa.  
Michael James Romaniw, Grove City  
Ronald Robert Rowland, Columbus  
John Waterbury Rowley, Jr.,  
Columbus  
Joan Nancy Rubinstein,  
North Massapequa, N. Y.  
William Gary Sanderson, Wilmington  
Neill Ann Schultz, Sandusky  
Nannette Rochelle Schwartz,  
Columbus  
William Michael Senger, Ashtabula  
David Lowell Sevel, South Euclid  
Arthur David Smialek, South Euclid  
Rebecca Loring Smith, Ashland  
Stephen Douglas Speer, Columbus  
Mary Alberta Spengler, Williamsfield  
Donald George Stoffer, Poland  
Daniel Boyd Stumpf, Columbus  
Jacqueline Sue Taylor, Maumee  
Sharon Anne Tesi, North Canton  
Elizabeth Ann Tewksbury, Hamilton  
Gary Vincent Thompson,  
Newark, N.J.  
Murray Arthur VanEpp, Medina  
Timothy Kurt VanWey, Westerville  
Linda Ellen Walters, Lima  
Kathleen Marinacci Warner,  
Columbus  
Janet Anne Watkins, Columbus  
Neal Owen Weigel, Big Flats, N. Y.  
Sandra Lee Wolfson, Cincinnati  
Stephen Howard Wolinsky,  
Forest Hills, N. Y.  
David William Wright, Chagrin Falls  
Marie Elaine Zeglen, Levittown, Pa.

#### **Bachelor of Science**

Sixteen candidates

Marguerite Lynne Brown, Heath

Barbara Jean Burgard, Dover, Pa.  
Johanna Delores Columbro, Dayton  
Gwenivere Bronetta Crosby,  
Miami, Fla.  
Vicki Lynn Derr, East Liverpool  
Marlene Ann Enderlein, Cleveland  
Richard David Gilliam, Columbus  
Ronald Joseph Herman, Columbus  
Jeffrey Jay Levin, Akron  
John Paul Longenbaker, Columbus  
Devonna Simpkins Mumford,  
Columbus  
Barry Lee Sack, Cleveland Heights  
Marvin Jeffrey Scheer, Toledo  
Katherine Joyce Schultz, Bay Village  
Albert Richard Wallace, Columbus  
Carol Lee Ward, New Hartford, N. Y.

#### **School of Journalism**

##### **Bachelor of Arts in Journalism**

Twenty-one candidates

Frank Edward Benson, Cleveland  
Joseph Anthony Boulware, Columbus  
Richard Dee Crump, Cleveland  
Michael Richard Davis, Columbus  
Thomas Lee Dillon, Canton  
Marilyn Gall Fitch, Columbus  
Brenda Kay Gates, Marion  
Cheryl Ann Goldman, Akron  
Warren Benton Gould, Freeport, N. Y.  
Gary Watt Hartman, Hamilton  
William Joseph Hummer, Columbus  
Alan Ira Karten, Plainview, N. Y.  
Robert Richard Little, West Union  
Calvin Byron Musselman, Jr., Galion  
Nicholas Leland Popa, Columbus  
Timothy Wayne Preston, Columbus  
Rita Stiteler Shade, Mansfield  
Paul Edward Shaltry, Columbus  
Robert Leslie Spector, Canton  
Jeffrey Leroy Steinbeck, Devon, Pa.  
Gerald Anthony Tebben,  
Plainview, N. Y.

\* Also Bachelor of Science in Education,  
College of Education

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

One hundred and thirty-one candidates

Carl Fredrick Ahrendt, Jr., Dayton  
Jeffrey Philip Allen, Columbus  
Michael Howard Amsel,  
Philadelphia, Pa.

Richard Paul Aschman, Columbus  
Charles St. John Avery,  
Weston, Mass.

George Michael Baluk, Westlake  
Carol Louise Barcus, Alliance  
Michael Lee Barrett, St. Henry  
Paul Craig Baumann, Parma  
Thomas Mark Beetham, Cadiz  
Thomas David Berry, Columbus  
Robert Woodall Biddle, Cincinnati  
Donald Britton Bowlin, Columbus  
Robert Leslie Brown, Mt. Vernon  
Gary John Buhlage, Cincinnati  
Jeffry Allen Carroll, Columbus  
Douglas Steven Cavazzi,  
Eastchester, N. Y.

Terry Leigh Caw, Zanesville  
Donald Jay Cook, Mt. Vernon  
James Allen Cooper,  
Charleston, W. Va.

Timothy Charles Coxson, Warren  
Daniel Joseph D'Amico, Columbus  
Daniel Bernard Daugherty, Columbus  
Thomas Ladd Decker, Delaware  
Gary William Detrick, Granville  
David Allen Dishong, Athens  
James Brian Everett, Columbus  
Charles William Ewing, Grove City  
Geoffrey Lynn Farmer, Coshocton  
Vernon Hubert Fix, Jamestown  
James Spencer Flournoy,  
New Canaan, Conn.

Jack Douglas Ford, Piqua  
Chester Mathew Allen Fox,  
Berlin Heights

David Frank Freshour, Jr.,  
Portsmouth

Robert Lee Fugate, Germantown  
John Hurtman Fulford, III, Columbus  
Edwin Arthur Geer, Newark  
James LeRoy Gesler, Pandora  
Lawrence William Gieling, Euclid  
David Albert Gilchrist, Rocky River  
William Keith Gingerich, Akron  
Paul Franklin Goodrich, Cincinnati  
Robert Andrew Hallahan, Cleveland  
Larry Lee Hammond, Monroe, B.A.  
Thomas Jacob Hansbauer, Cincinnati  
Gary Michael Harpst, Findlay  
David Frederick Harrigan, Zanesville

Michael Elliott Harris,  
Charleston, W. Va.  
Timothy Dale Harrison, Columbus  
David Barrett Hartsook,  
Reynoldsburg  
William Randy Hawley, Willoughby  
Wendell Lloyd Heximer, Fayette  
Fred Blanc Holcomb, IV, Cincinnati  
Paul Herbert Holliman, Columbus  
William Edward Holt, Lakewood  
Craig Douglas Howard, Lima  
Charles Edd Hoyle, Westerville  
Mark Henry Johnson, Columbus  
William Edward Jordan, Mansfield  
Randall Wesley Kahn, Columbus  
Peter Langdon Kaiser,  
Cleveland Heights  
Richard David Kinsky,  
Maplewood, N. J.  
Joseph Ladislav Koenig, Columbus  
Lawrence Howard Kraft,  
Huntington Woods, Mich.  
David George Kramer, Cincinnati  
William Lane, Jr., Cincinnati  
Leonard Allen Lazarus, Columbus  
Michael Arthur Leatherman, Lima  
Stephen Howard Litwiller, Newark  
Alan Tunis Lord, Cincinnati  
Catherine Herl Madden, Ashtabula  
David Franklin Martin, Dayton  
Harold Morris Matison, Laurel, Miss.  
Eugeniusz Matuszewski, Parma, B.A.  
John Patrick McAndrew, Columbus  
William Robert McFarlane,  
Cleveland  
James Patrick McKinley, Columbus  
Allen Ray McMillin, Jr., Logan  
Robert Allen McVicker, Ashland  
Willard Nicholas Merrill,  
Elmont, N. Y.  
Michael Rudolph Mitterholzer,  
Springfield  
Wayne Heiby Monday, Toledo  
Richard William Moore, Worthington  
Richard Sherman Morrison, Akron  
William Gordon Nightingale, Hilliard  
Craig Stephen Nolf, Akron  
Christian Ebom Ofili, Igbodo, Nigeria,  
B.S.Agr.  
Sidney Alan Olkes, Cincinnati  
Edward Rudolph Orehek, Euclid  
William Thomas Ossmer, III,  
Lakewood  
Patrick Felix O'Sullivan,  
Reynoldsburg  
Robert Freeman Page, Venice, Calif.  
Gary William Panek, Fairview Park  
Lee Alan Passell, Youngstown

Edward Anthony Pernal, Jr.,  
Roosevelt, N. Y.  
David William Pierson, Westerville  
George McClellan Pryor, Jr.,  
Columbus  
Richard Robert Rodock, Columbus  
Michael Albert Sanderell,  
Reynoldsburg  
Michael Preston Sarrey, Columbus  
Michael Nelson Schaeffer, Cincinnati  
John Henry Schenkenberger,  
Massillon  
Steven Ben Schwartz, Shaker Heights  
James Nelson Sears, Parma  
Roger Dale Shadley, Wilmington  
Wayne Norman Shaw, Columbus  
Edwin Paul Shidaker, Wilmington  
Stephen Douglas Skinner, Columbus  
Keith Denton Smith, Columbus  
Randall Wayne Smith, Navarre  
James Michael Sterner, Columbus  
Gary Thomas Suhay, Independence  
Mark Christopher Sutterley,  
Haddonfield, N. J.  
Jeffrey Einmet Taylor, Youngstown  
Karen Oma Tinsley, Russell's Point  
Michael Tomsen, Cincinnati  
Howard Edgar Tweddle, Jr., Marion  
Karl Rodney Underwood, Portsmouth  
Donald Lee VanLinge, Lancaster  
Charles Vegh, Amherst  
Daniel Joseph Venters, Grove City  
Gary Lee Vogel, Kinsman  
Thomas Leroy Wagner, Massillon  
Marilyn Kay Walker, Fremont  
Robert Edwin Wayland, Brook Park  
Justin Charles Weber, Jr.,  
North Bend  
Susan Pontious Whitmer, Columbus  
Charles Emery Williams, Johnstown  
Solly Leo Yassenoff, Columbus  
William Fred Yount, III, Portsmouth  
Howard Alex Zuckerman, Cleveland

### School of Social Work

#### Bachelor of Science in Social Welfare

Forty-two candidates

David William Ball, Pickerington  
Marlene Sandra Banin,  
Philadelphia, Pa.  
Carol Louise Bennett,  
Highland Park, N. J.  
Julie Margo Bowen, Cincinnati

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Gayle Eileen Britton, Cleveland  
Carolyn Sue Brown, Cincinnati  
Susan Carol Cooper, Dayton  
Margaret Mary Davey, Cleveland  
Nancy Ruth Davis,  
University Heights  
Larry Richard Dawson, Dayton  
Janet L. Fein, University Heights  
Nancy Beth Fink, Celina  
Deborah Sherman Finkel,  
Encino, Calif.  
Bernice Lynne Galer,  
Staten Island, N. Y.  
Debra Sue Genshaft, Canton  
Jean Roseanne Hoyt, Alexandria  
James Lee Jacomet, Troy  
Deborah Alice Jameson,  
Wichita, Kan.  
Elaine Louise Johnson, Cincinnati  
Christine Jonasse, Rochester, N. Y.  
Susan Gay Kallmann, Erie, Pa.  
Kathleen Ann Little, Columbus  
Carol Jean Litzler, Mansfield  
Peggy Sue Lloyd, Rocky River  
Rebecca Theresa Lynch, Ashtabula  
Lois Glenn Mathis, Columbus  
Susan Beverly McIntyre, Stow  
Ted Jeffrey Nathan,  
University Heights  
Patricia Simon Nycz, Rossford  
Stephen Michael Pribisko, Parma  
Susan Jeane Reimers, Worthington  
Susan Darlene Renner, Kettering  
Cathy Sue Rozenman, Tiffin  
Richard Lewis Saltzman,  
Shaker Heights  
Rebekah Ann Sims, Cincinnati  
Yvonne Thurman Smith, Columbus  
Gwendolyn Stokes, Springfield  
Deborah Jo Thurston, Columbus  
Terry Lynn Vinocar, Shaker Heights  
Carol June Walters, Youngstown  
Carol Anita Zelizer, Columbus  
Joseph Edward Ziemnik, Jr., Parma

### Bachelor of Science in Agriculture

Ninety-one candidates

William Carl Andree, Parma  
David Asbury Bailey, Powell  
John Fredrick Bayliss, Rushsylvania  
Bruce K. Beery, Burbank  
David Edward Bils, Upper Sandusky  
Ralph Jacob Bittel, Parma  
Timothy Harness Boyd, Orient  
Jack Lee Brinker, Gibsonburg  
Jerald Aaron Brown,  
Philadelphia, Pa.  
Thomas James Budiscak, Berea  
Michael Francis Burkart, Fairfield  
Gary Michael Camp,  
Parkersburg, W. Va.  
Ronald Earl Carlton,  
Cuyahoga Falls  
Terry Lynn Chasteen, Oak Harbor  
Marlin George Clark, Jefferson  
John Alan Coey, Columbus  
Jeffrey Lynn Corbett, Dorset  
Leonardo Rafael Corral,  
Riobamba, Ecuador  
Richard Louis Cryder, Kingston  
Lawrence P. Cucco, Wakeman  
Robert Michael Daniels, Sunbury  
Michael Frederick Devers, Paulding  
Francis Alfred DiMarco,  
Saddle Brook, N. J.  
Debra Jones Endsley, Kirtland  
Randall Eugene Eppley, Bucyrus  
Jonathan Kleckner Ewald, Tiffin  
Courtney Kathleen Flinn, Houston  
James Gifford Fowler, III, Mt. Vernon  
Vincent Mark Franze, Albany, N. Y.  
Donald Neil Frombaugh, Litchfield  
Richard Joseph Ghiloni, Newark  
William Lee Gibson, Williamsport  
Robert Lester Gochnauer,  
Apple Creek  
Steven Allan Goldstein,  
Laurelton, N. Y.  
Charles Gary Gray, Columbus  
John Earl Gruss, Tiffin  
Charles Truman Hamlin, Jr., Newark  
Robert James Harmon, Kingsville  
Lad William Harrison, Wellington  
Craig Leslie Hill, Columbus  
Howard Address Hill, Berlin Heights  
Thomas Richard Hoffman, Warren  
Charles Alan Holdren, Mt. Cory  
Serena Ella Hopkins, Madison  
Douglas Edward Hunt, New Madison  
William Woodruff Joslin, Sidney  
William Howard Judd,  
West Seneca, N. Y.  
Raymond Jusak, North Royalton

Thomas Richard Kaufman,  
Jeromesville  
John Richard Kennedy, Rushsylvania  
Donald George Lane, Galena  
Ronald William Laucher, Galion  
Raymond Mark Locker, Austintown  
Richard Lynn Manley,  
East Rochester  
Charles Scarff Martin, Dayton  
Gary Allen McDonald, Chardon  
Robert Wesley McKay,  
Elizabethtown, N. C.  
John Wayne McNeely, Dayton  
Mark Anthony Meier, Mt. Vernon  
Glenn Scott Middleton, Sidney  
John Harold Miller, Clyde  
Dale Samuel Misko, Yorkville  
John Edward Murphy, Dayton  
Jesse Paul Mutchler, Oecola  
Keith Lowell Neer, Mechanicsburg  
James William Nelson, Ford City, Pa.  
Bonnie Kiesel Nichols, Cleveland  
\*William Geoffrey Owen, Cincinnati  
Michael Darrell Platt, Worthington  
Ray Webster Rabenstein, Geneva  
John David Roof, Kenton  
John Edwin Rose, Cambridge  
David Charles Ruppert, Dayton  
Charles James Salter, Elyria  
Richard Leo Schlotterbeck, Lewisburg  
Alan Lynn Schott, Rockford  
Gary Franklin Sharp, Lancaster  
John Franklin Siegel, Covington  
David Barrett Smith, Hillsboro  
Nancy Leah Smith, Delaware  
Richard William Stover, Columbus  
Bradley Joe Stuckman, Bucyrus  
Norman Herbert Thomas,  
Washington C. H.  
William Edward Thompson, Delphos  
Stephen Findlay Transue,  
North Syracuse, N. Y.  
Scott Lee VanHorn, Athens  
Peter Gregory Weber, Wauseon  
Roger J. Wright, St. Paris  
Donald Byron Wurm, Westerville  
Lawrence Earl Yarman, Mt. Vernon  
Greg Lindsay Young, Columbiana

### Bachelor of Science in Dairy Technology

Three candidates

Richard Bernard McAndrew, Jr.,  
Hamburg, N. Y.  
Phillip Roland Mueller, Minerva  
Jorge Luis Prieto,  
Caracas, Venezuela

\* Also Master of Science, Graduate School

**Bachelor of Science in Nutrition**

One candidate

Cynthia Louise DeNiro, Alliance

**School of Home Economics****Bachelor of Science in Home Economics**

Forty-two candidates

Gretchen Andres, Louisville, Ky.  
 Cathy Ann Barnes, Sidney  
 E. Maureen Berry, Highland  
 Dona Hillis Black, Columbus  
 Beverly Anne Brod, Worthington  
 Karen Elaine Caldwell, Columbus  
 Cheryl Jones Dozier, Groveport  
 Victoria Anne Drake, Columbus  
 Susan Karlene Dusza, Warren  
 Geraldine Fox Endres,  
 Apalachin, N. Y.  
 Cheryl Ann Eppley, Bucyrus  
 Connie Thompson Fruehan, Kenton  
 Suellyn Mock Goelz, Galena  
 Carole Dee Gonda, Canton  
 Jenny Lou Hamman, Clarksburg  
 Joyce Turner Kerns, Huron  
 Nancy Susan Leatherman, Lima  
 Faye Ellen Levy, Springfield  
 Karen Lemley Lloyd, Belpre  
 Sandra Kay Lohr, Nevada  
 Rita Sears Lubber, Germantown  
 Linda Miller Masters, Jackson  
 Denise Eleanor McGill, Cincinnati  
 Sharon Kaye McGuire, Coshocton  
 Karen Brondyke McLemore,  
 Oakmont, Pa.  
 Virginia Saudek Neumann, Columbus  
 Barbara Reitley Nicol,  
 Milford Center  
 Shelley Seekins Owen, Columbus  
 Marilyn Leet Penrod, Bethesda, Md.  
 Shiranne Yoakam Perkins, Richwood  
 Dorothy Elva Risberg, Cleveland  
 Nancy Jane Rose, Kingsport, Tenn.  
 Emma Lynn Schmitt, Waverly  
 Pamela Jane Segrist, Swanton  
 Sandra Jayne Sibbet, Lakewood  
 Connie Schwarm Siefker,  
 Columbus Grove  
 Kathleen Sue Smith, Cadiz  
 Leslie Hannaway Smith, Columbus  
 Patricia Ann Smith, Columbus

Mary Ellen Weber, Cincinnati  
 Judy Kaye Wright, Springfield  
 Linda Sue Zellinger, St. Louis, Mo.

**College of Education**

Dean: Luvern L. Cunningham

**Bachelor of Science in Education**

Three hundred and fifty-four candidates

Darlene Parrish Allen, Newark  
 Linda Lee Altomare, Lisbon  
 Sharon Clarine Ashford, Bedford  
 Jeffrey Nelson Atwood,  
 Rochester, N. Y.  
 Elise Gayle Auerbach, Beachwood  
 Linda Sue Ayers, Reynoldsburg  
 Ronald Dean Bach, Columbus  
 Joyce Mahoney Bahmer,  
 Newcomerstown  
 Bruce Barton Bain, Newark  
 Richard Farrington Barricklow,  
 Newark  
 Rebecca Dawn Bartow, Canton  
 Marian Short Bass, Marion  
 Linda Dunn Bean, Sardis  
 Elmer Leroy Belcher, Columbus  
 Christine Betz, Dublin  
 Constance Abshire Beukema,  
 Columbus  
 Barbara Ann Biggert, North Olmsted  
 Erma Anne Bikali, Canton  
 Nicolena Katherine Biscuso, Columbus  
 Richard Martin Blatt, Reynoldsburg  
 Marlene Merves Block, Lorain  
 Sherry Lynn Blyveis,  
 Benton Harbor, Mich.  
 Margaret Ann Bobay, Columbus  
 Trudy Kothmayer Bope, Columbus  
 \*Carol Louise Born, Columbus  
 George Malcolm Bouldin, Columbus  
 Althea Ann Bowman, Elyria  
 Diane Sue Bratton, Worthington  
 Constance Elaine Braun, Lakewood  
 Karen Christine Brekke, Akron  
 Susan Breslow, River Edge, N. J.  
 Betty Mock Brown, Nova  
 Linda Burns Brown, Columbus  
 Susan Thaw Brown, Marion  
 Annabelle Oier Burgraf, Cardington  
 Jeanann Fink Burgra, Willard  
 Michael John Cahill,  
 Fort Mitchell, Ky.  
 Stephen Birk Calhoun, Kettering  
 Mary Rita Caplin, Marion  
 Timothy James Carpenter,  
 Chesterland  
 Sandy Kubbs Castner, Mt. Gilead  
 Jane Rita Catalano, Woodville  
 David Frank Cattran, Lancaster  
 Melinda Marie Chaney, Lima  
 Wayne Edwin Channell, Senecaeville  
 David Foster Clogg, Bellville

\* Also Master of Science, Graduate School  
 \* Also Bachelor of Arts, Colleges of the  
 Arts and Sciences

James Andrew Coburn, Toledo  
James Alan Coe, Willard  
Diana Marie Cohen, Canton  
Linda Gail Colbert, Cincinnati  
Michael Ralph Compton, Columbus  
Gary Lee Conrad, Loudonville  
Kathryn Marie Contini, Dover  
Diane Davis Cottrell, Lima  
Thomas Neal Cowing, Cleveland  
Patricia Bellar Crist, Columbus  
Richard Jay Curl, Vienna, Va.  
Sharon Smith Curle, Canton  
John David Curry, Wapakoneta  
Lawrence William Daiber, Lyndhurst  
Jo Ann Damon, Brecksville  
Lynne Caryl Daniels, New York, N. Y.  
Janet Catherine Darchuk, Parma  
Janice Kay Davis, Columbus  
Nicholas Gregory Davis, Kettering  
Kathy Auten Davison, Orrville  
Donald Gerrard Dawson, Rocky River  
Janine Kaye Debus, Columbus  
Linda Schwind DeLozier, Westerville  
Barbara Ann Denig, Mansfield  
Wendy Wandler Derrrow, Columbus  
Howard Roy Deutch, Hewlett, N. Y.  
Joseph De Vita, III, Syracuse, N. Y.  
Noel Jay Dickson, Brookline, Mass.  
Connie Mitchell Dillahunt, Columbus  
James Hayward Downman, Bay Village  
Robertina Jean Downhour, Elida  
Jean Rosenthal Dub,  
University Heights  
Frances King Dush, Columbus  
Susan Carol Dwight, Toledo  
Carol Sue Eckstein, Columbus  
Vicki Tallman Egnew, Sylvania  
Bernadette Jane Eilerman, Botkins  
Lenore Eisner, Cleveland  
LuAnne Steinfurth Elliott, Columbus  
Susan Lee Ellis, Columbus  
Gail Elaine Epstein, Ellwood, Pa.  
Ellen Sue Essig, Cincinnati  
Constance Sue Filippi, Columbus  
Flynn Lorin Fischer, Cincinnati  
Beverly Jean Flora, Reynoldsburg  
\*Linda Strough Fluhart, Columbus  
Jack Wesley Foreman, Shelby  
Karyl Jean Fortney, Columbus  
Becky Lee Foster, Miamisburg  
John Michael Franich, Portland, Ore.  
Barbara Diann Frankenfield,  
Columbus  
Robert Loren Frankland, Akron  
Vera Suzanne Frey, Plain City  
Mary Ann Fronk, Dover  
Donna Mary Fullenkamp, Botkins  
Alan Leroy Garrabrant, Westerville  
William Joseph Gathergood,  
Monroeville  
Robert Paul Gentis, Springfield  
Diane Balcar Getz, Grove City  
Penny Anne Gibson, Marion  
Richard Rex Giffin, Lima  
Andrea Lynn Gilchrist, Cincinnati  
Susan Marie Giovanello, Columbus  
Nadine Graves, Galion  
Vicki Lee Grieve, Columbus  
Arlene Sue Gutter, Columbus  
Karen Sue Haas, Cleveland  
Lynne Elizabeth Haley,  
Belleville, N. J.  
Donald Bruce Hange, Jeromesville  
Lillian Juliana Harmath, Cleveland  
Martha Hoppe Harmon, Columbus  
Brenda Thelma Harper, Warren  
Edward Joseph Harris,  
Yonkers, N. Y.  
John Wilson Hart, Shelby  
Dennis Ray Hartman, Columbus  
Douglas Earl Hawthorne,  
Blanchester  
Joellen Rorie Hayes, Columbus  
Susan Ellen Hegg, Toledo  
Audrey Lee Heining, Independence  
Beverly Ann Heitzman, Cincinnati  
Sheri Lea Helt, Cleveland  
Joyce Iris Hendrickson, Delaware  
Barbara Weidner Hering, Cincinnati  
Beverly Catherine Hess, Columbus  
Rita Grazia Hickey, Wilberforce  
Eva Longacre Hickman, Fulton  
John Joseph Higgs, Columbus  
Shirley Handly Hilderbrand,  
Upper Sandusky  
Jerry Hill, Dayton  
Penny Sweeny Hinkle, Lima  
Beth Janene Hitt, Bryan  
Kathleen Joan Hocker, Galion  
Penelope Williams Hodges, Columbus  
Susan Hartmann Hoff, Mansfield  
John Terry Hogan, DeGraff  
Karen Ann Hosey, Columbus  
Cheryl Miller Hover, Spencerville  
Kathryn Doolan Hoyt, Columbus  
Susan Murbach Hunt, Elyria  
Elizabeth Ann Hyman, Cincinnati  
Raymond Gerard Inglis, Grove City  
Janet Elaine Irvin, Lexington  
Paulette Jackson, Hinckley  
Donald Edward Jedlicka, Cleveland  
Jewelle Infanta Jones,  
Philadelphia, Pa.  
Phyllis Martin Kairis, Wooster  
Paula Vincent Kampinski,  
Cleveland Heights  
Karen Anne Kane, Brunswick  
John Robert Karg, Grove City, B.S.  
Thomas George Karvasale, Columbus  
Georgia K Keehl, Columbus  
Kathryn Mault Kemp, Westerville  
Janet Elaine Kempfer, Kettering  
Douglas James Kenehan, Columbus  
Sally Howell Kennedy, Heath  
Steven Murray Kerrick, Brunswick  
Jacqueline Renee Kier,  
Wilmette, Ill.  
Kathleen Ann Kirkpatrick, Canton  
Kathleen Sue Kirkpatrick, Columbus  
Karen Anne Klauder, Granville  
Barbara Josephine Klein, Columbus  
Rosalie Cummings Kleine,  
Rockville, Md.  
Wendy Klepper, Flushing, N. Y.  
Elaine DeGreve Klopfenstein,  
Crestline  
Richard Steven Koblentz,  
Shaker Heights  
Phyllis Ann Koerner, Edgerton  
Gary Patrick Kopp, Columbus  
Elizabeth Scislo Kosydar, Columbus  
Barbara Jane Krick, Lima  
Janene Adell Lacey, Worthington  
Mary Ellen Lang, Mt. Vernon  
Barbara Ecelebery Lapworth, Newark  
Suzanne Gwen Larimer, Columbus  
Celeria Carolyn Lee, Dayton  
James Allen Lee, Columbus  
William David Lee, Continental  
Kenneth Joe Lehman, West Liberty  
Claude David Lewis, Lima  
Robert Harvey Lewis, Wickliffe  
Cynthia Ann Lichty, Kenton  
Marilyn Gassman Lieb, Columbus  
Donna Wahl Mangini, Westerville  
Shirley Jane Lind, Canton  
Richard Leanzor Logan, Columbus  
Starlyn DeLony Logan, Put-in-Bay  
John Wesley Long, Goshen  
Robert Francis Long, Johnstown  
Roger George Long, Montpelier  
Cheryl Lee Macki, Castalia  
Linda Jean Maddux, Heath  
Rochelle Debbie Madvid, South Euclid  
Donna Wahl Mangini, Columbus  
Helen Smith Mao, Columbus  
Ellen Marcus, Beachwood  
Patricia Rohde Marder, Columbus  
Stephen Scott Marriott, Columbus  
Henry Andrew Martin, Columbus  
Phillip Lyle Mattson, Grove City  
Jonathan William Mauch, Cincinnati  
Margie Lee McBride, Mansfield  
Nancy Lee McBride, Columbus  
Kathleen Bernice McCabe, Lakewood

Paul Norman McKinley, Jr., Kenton  
Elizabeth Ann McKinney,  
Olmsted Falls  
\*William Patrick McLoughlin,  
Columbus  
Nancy Leffler McMullen, Lima  
Nancy Hayden McVay, Newark  
Edward Randel Miller, Norwalk  
°Gayle Temma Miller,  
Cleveland Heights  
Michele Barclay Miller,  
Chevy Chase, Md.  
Pamela Scott Miller, Lima  
Thomas Edward Miller, Sardinia  
Ruth Matthews Moening, Cincinnati  
Mary Ellen Montgomery, Quincy  
Brian Hill Mooney, Columbus  
Patricia Rizzotto Moore,  
Allentown, Pa.  
Kathleen Mary Ann Moran, Niles  
Rebecca Witton Morgan,  
Martins Ferry  
Nancy Lou Morris, Columbus  
Marilyn Ann Myers, Rocky River  
Shirley Anne Myers, Columbus  
James Michael Novak, Lorain  
Sue Ellen Nowels, Loudonville  
Ruth Emilie Nowjack, Cadiz  
Kathleen Mary Ort, Cleveland Heights  
Sally Higgins Osterholt, Marion  
Michele Padersky, Norfolk, Va.  
Anthony John Paudiez, Marysville  
Nayna Comer Pauff, Lima  
Peggy Frankel Pavlick,  
Shaker Heights  
Candy Miley Peak, Marion  
Donna Jean Peck, Houston, Tex.  
Linda May Peer, Dayton  
Susan Lindberg Pelich, Worthington  
Phyllis Ann Pew, Coshocton  
Carolyn Faith Polster,  
Shaker Heights  
Linda Margaret Prater, Beverly  
Mary Lynn Pratsch, Lorain  
Beverly Joan Price, Kenton  
Brenda Joyce Price, Kenton  
Shelley Paula Price,  
Cherry Hills, N. J.  
Daniel Raymond Priefer, Parma  
Jane Child Queen, Canton  
Margaret Ann Raftery,  
Cranford, N. J.  
Faith Blumenschine Rapp, Lima  
Deborah Sensmeier Ratliff, Mansfield  
Timothy Allyn Rech, Sandusky  
Roberta F. Reichelderfer, Columbus  
Michael Douglas Rein, Columbus  
Marilyn Davidson Renfroe, Lexington  
James Edward Reynolds, Columbus  
Michael Alan Reynolds, Columbus  
John Clifton Roberts, Canfield  
Lorraine Lynne Roberts, Cleveland  
Suzanne Robinson, Willard  
Janice Louise Roginski, Toledo  
John Arthur Ross, Columbus  
Linda Sue Roston, Galion  
Laurie Anne Rowe, Toledo  
Deborah Robey Russell, Massillon  
Judith Sara Ryzman,  
East Patterson, N. J.  
Ann Marie Sahath, Brooklyn  
Jacqueline Annette Samuel, Cleveland  
Patricia Seeger Scharer, Galion  
Linda Kay Schwartz,  
Roslyn Heights, N. Y.  
Vera Jane Seelenbinder, Springfield  
Carol Grubbs Seiler, Troy  
Karen Driscoll Shafer, Columbus  
Deborah Pearl Shanok, Chicago, Ill.  
Martin Joel Shapiro,  
Kendall Park, N. J.  
B.A. (Trenton State College)  
Shirley Irene Shedlock, Byesville  
Louise Josephine Shepherd, Columbus  
Anita Belle Sheumaker, Columbus  
\*Carol Virginia Shuman, Cincinnati  
Thomas Lawrence Silver,  
Santa Monica, Calif.  
Jean Jackson Siriano, Mansfield  
Diane Yable Skidmore, Dayton  
Robert Dale Skinner, Columbus  
Eileen Skolnik, University Heights  
Earl Webster Sloniker, Newark  
Cathryn Marie Smith, Mansfield  
Georgia Hudson Smith, Columbus  
Jeffrey Louis Smith, Columbus  
Stephan Ray Smitson, Bethel  
Nancy Jo Snyder, North Olmsted  
Rosemary Loer Sova, Columbus  
Sandra Hampton Spayde, Mansfield  
Richard Thomas Spencer, Columbus  
Marsha Elaine Sproul, Waynesfield  
Paula Kay Stamm, Mantua  
Pauline Mutti Stancart, Stonecreek  
Linda Sue Staudt, Lima  
Cinda Davis Stein, Findlay  
Debra Dickess Steinhauer,  
Grove City  
Brenda Todd Steinhoff, Grove City  
Kathy Marie Stienecker, St. Marys  
Garry Lynn Stinehelfer, Bucyrus  
Thomas Michael Swedenborg,  
Ashtabula  
Eugene Phillip Sweeney, Jr., Amherst  
Kent Phillip Sweeney, Worthington  
Ellen Sonkin Sylvia, Bogota, N. J.  
Donna Louise Talbott, Columbus  
Carolyn Cummings Taylor,  
Westfield, N. J.  
David Leon Taylor, Hillsboro  
Patricia Ann Taylor, Columbus  
Nora Eileen Thoms, Columbus  
Ellen Fox Thompson, Orient  
Stephanie Maria Thompson, Columbus  
Anne Marie Thrush, Worthington  
Louise Mackenzie Todd,  
Shaker Heights  
Robert Dale Tong, Jr.,  
Upper Sandusky  
Kathryn Jean Toukonen, Jefferson  
Margaret Cecelia Toukonen, Jefferson  
Shirley Ellen Traback, Cleveland  
Joan Carol Traphagan, Columbus  
Cathy Connolly Washington Trent,  
Columbus  
Robert Hugh Tripp, Metamora  
Ivy Jean Tucker, Columbus  
Roberta Benedict Ulmer, Columbus  
James Alan Utzinger, Kettering  
Timothy Richard Wagner, Columbus  
Edythe Lowe Waite, Lexington  
Ann Margaret Wala, Mansfield  
Duane Michael Ward,  
Bedford Heights  
Dale Russell Warton, Holland  
David Scott Warton, Holland  
Judith Arnette Waxler,  
University Heights  
Terril Miles Weber, Shelby  
Lynda Marie Weems, Cleveland  
Elyse Feldshue Weiner,  
Monroeville, Pa.  
James Michael Weiner, Cincinnati  
Richard Alan Weis, Columbus  
Janice Neva Wells, Springfield  
Marcia Sue Wells, Metamora  
Bonnie Alvene Wheeler, York, Pa.  
Jean Klingshirm Whitworth, Columbus  
Karen Ann Wholf, Columbus  
Kay Dean Williams, Wilmington  
Patricia Anne Williams,  
North Olmsted  
Terry Lynn Williams, Waynesfield  
Mary Margaret Winke, Port Clinton  
Karen Sue Wohlstein,  
Peekskill, N. Y.  
Timothy William Woolfe, Fairborn  
Constance Dorothy Workman, Hudson  
June A. Yamazaki, Wooster  
Marilyn Louise Yeager, Columbus  
Karen Davis Zellers, Columbus  
Peggy Weaver Zimmerman,  
Pickerington

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### **Bachelor of Art Education Offered jointly by the College of The Arts and the College of Education**

Sixteen candidates

Phyllis Jean Blott, Niles  
Rita Marshall Cazan, Grove City  
Ann Helene Fessler, Maumee  
Susan Hecox Gallagher, Perrysburg  
B.F.A.  
David Lee Harlan, Glenford  
Susan Flynn Hawk, Dover  
Ann Smith Kaufher, Columbus  
Susan Yassenoff Klebold, Columbus  
Patricia Looker Miller, Worthington  
Kathy Basinger Oates, Kenton  
James Russell Pilbeam, Archbold  
Lynne Nancy Rosenthal,  
East Meadow, N. Y.  
Carol Jean Rotsinger, Sylvania  
Janet Adrian Schwartz,  
Peekskill, N. Y.  
Karen Elizabeth Slaughaupt, Niles  
Phyllis Rankin Zlasney, Sandusky  
B.F.A.

### **Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education**

Twelve candidates

William Lewis Bolen, Columbus  
Jerry Charles Drake, Van Wert  
Michael Anthony Egan, Reynoldsburg  
Darlene Marie Hanzak, Cleveland  
Joan Bonham Hoover, Hamilton  
Katherine Elizabeth Hubbard, Toledo  
Mary Brown Schilling, Columbus  
James Frederic Shrader, Granville  
John Lincoln Staehli, Willowick  
Huey White, Cleveland  
Linda Nack Wilson, Westerville  
Nancy Davis Yates, Columbus

### **Bachelor of Science in Aeronautical and Astronautical Engineering**

Seven candidates

James Karl Blackstone, Galena  
Frederick James Brannan, Massillon  
Teryl Timothy Craig, Ripley  
David Gary Foust, Worthington  
Frank Joseph Madi, Lorain  
Roman Malysz, Parma  
Joseph George Stahovec, Lore City

### **Bachelor of Science in Agricultural Engineering**

One candidate

Kenneth Allen Stegall, Blanchester

### **Bachelor of Chemical Engineering**

Two candidates

\*David Roy Boodey, Peninsula  
James Andrew Nycz, Rossford

### **Bachelor of Science in Chemical Engineering**

Two candidates

Michael James Clark, Avon Lake  
Michael Joseph Katila,  
Fairport Harbor

### **Bachelor of Civil Engineering**

One candidate

\*Michael Joseph Smith, Bridgeport

### **Bachelor of Science in Civil Engineering**

Twelve candidates

James George Beasley, Seaman  
James Edward Brenneman, Lima  
Terry Alan Hoppes, Springfield  
Stephen Andrew Hudacek,  
Bethlehem, Pa.

Fred Alan Hunt, Hide-a-Way Hills  
Raymond Gene Lenczowski, Columbus  
Daniel Lee Miller, Wheaton, Ill.  
Patrick Lee Mustaine, Bellefontaine  
William Joseph Pelich, Columbus  
Gary Francis Scanlon, Cincinnati  
David George Schlegel, Columbus  
Robert Allen Yingst, Grove City

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

Ten candidates

Marvin Jay Denny,  
Middleburg Heights  
Jeffrey Lynn Haas, Chesterland  
Lynn Douglas Hargrove,  
Casper, Wyo.  
Larry Gene Hathaway, Columbus  
Vernon Keith Hering, Columbus  
Robert Anthony Palermi, Columbus  
David Eugene Pritchard,  
Olmsted Falls  
Ronald Lee Sellers, Columbus  
B.S.  
Richard Charles Sponable,  
North Syracuse, N. Y.  
John Anthony Struzzi,  
Westmoreland City, Pa.

### **Electrical Engineering**

One candidate

Danny Lee Hogan, Byesville  
B.A. (Memphis State University)

### **Bachelor of Electrical Engineering**

Two candidates

\*Brian Manhire, Milltown, N. J.  
David William Ruger, Archbold  
\*Stephen Douglas Smith, Newark

### **Bachelor of Science in Electrical Engineering**

Thirteen candidates

David Lee Allen, Ramsey, N. J.  
David Charles Claes, Shelby  
Frank Edward Ivan, Jr., Columbus  
Kim Tien-Tze Koo, Columbus

\* Also Master of Science, Graduate School

Dale Wesley Lukens, London  
George Congdon Mayhew, Jr.,  
Youngstown  
Frank Thomas Miceli,  
Laurelton, N. Y.  
Robert Carl Ransbottom, Mansfield  
William Chester Scott, Columbus  
Joseph Szanati, North Ridgeville  
Robert Paul Walker, Columbus  
Dennis Earl Winchell, Chagrin Falls  
Dennis Paul Yenke, Springdale

#### **Industrial Engineer**

One candidate

Lawrence Havens Smith, II, Oregon  
B.S.C.I.S.

#### **Bachelor of Science in Industrial Engineering**

Thirteen candidates

Mark Colfax Aukeman, South Vienna  
Tommy Nelson Biehl, Whipple  
Stephen Raymond Burke, Columbus  
James Kenneth Corwin, Columbus  
Richard Leo Drerup, Ottawa  
Mark Leo French, Richmond Dale  
Richard Halling Halvorsen,  
Buckfield, Me.  
Charles Allen Hamilton, Columbus  
David Daniel Lovich, Lorain  
Gary Lee Murphy, Marietta  
Stephen Luther Rudd, Columbus  
Robert Frank Takacs, Parma Heights  
James Arthur Willmore, Jr.,  
Columbus

#### **Mechanical Engineer**

One candidate

Dennis Adelbert Horazak, Columbus  
B.M.E.

#### **Bachelor of Mechanical Engineering**

Two candidates

\*Richard Alan Bell, Middlefield  
Steven Darryl Richardson,  
Penfield, N. Y.

#### **Bachelor of Science in Mechanical Engineering**

Nineteen candidates

James Harmon Anderson, Lowell  
Diego John Arduini, Columbus  
John Allen Bartolomucci, Shadyside  
Charles Albert Beard, Jr., Mansfield  
David Arch Billmire, Columbus  
David Earl Enting, Columbus  
Michael Duane Faloan, Hanoverton  
Harold Aloysius Fischer, Wapakoneta  
Harold Prasura, Columbus  
Robert David Hanks, Dover  
William Barnes Houghton, Columbus  
Robert Otto Koester, Jr.,  
Columbia Station  
James Lawrence McGinnis, Columbus  
Edward Carl Mullen, Kingsville  
Ted R. Provost, Navarre  
Mark Edwin Scudiere, Columbus  
Paul William Stecker, Columbus  
Michael Larry Young, Columbus  
Eugene John Zanko, Parma

#### **Bachelor of Metallurgical Engineering**

Two candidates

Robert Donald Mack, Jr.,  
Washington C. H.  
Robert Eugene Palmer, Minerva

#### **Bachelor of Science in Engineering Physics**

Two candidates

Reed Richard Bittinger, Mansfield  
Robert Bruce Bonhard, Mt. Cory

#### **Bachelor of Welding Engineering**

One candidate

\*Robert Edmund Wills, Columbus

#### **School of Architecture**

#### **Bachelor of Science in Landscape Architecture**

One candidate

Paul Gordon Busse, Cincinnati

## **College of Medicine**

Dean: John A. Prior, M.D.

#### **School of Allied Medical Professions**

#### **Bachelor of Science in Medical Technology**

One candidate

Karen Sue Brown, Columbus

#### **Certificate of Nurse Anesthetist**

Three candidates

Joe Cleo Black, Galion  
Robert Forest Davis, II, Paulding  
Hilda Susanna Jamison,  
Chippewa Lake

#### **Certificate of Post Baccalaureate Medical Technologist**

Two candidates

Denise Chandonnet Loofbourrow,  
Columbus, B.S.  
Chia-chen Liu Wu, Oak Park, Ill.  
B.S. (Taiwan Provincial Chung-  
Hsing University)

#### **School of Nursing**

#### **Bachelor of Science in Nursing**

Forty-five candidates

Carol Ann Ashton, Red Lion, Pa.  
Beverly Calcara Barone, Columbus  
Susan McLravy Baxter, Worthington  
Valerie Joy Bayne, Lorain  
Deanna Lorenz Bukovec, Lakewood  
Linda Marie Buyer, West Unity  
Peggy Rose Coldwell, Mt. Gilead  
Tonya Lee Dawson, Dayton  
Nancy Jane Emery, Aurora  
Linda Faye Erlich,  
University City, Mo.  
Catharine Anne Fry,  
North Vernon, Ind.  
Elaine Ferrrell Gardner,  
New London  
Sandra Lee Gedeon, Hinckley  
Elaine Foster Glass, Springfield

\* Also Master of Science, Graduate School

Kathlyn Ann Halderman, Toledo  
Marilyn Louise Handwork, Salem  
Rebecca Sullivan Haveman,  
New Paris  
Charles William Henkle, Columbus  
Nancy Ann Holter, Pomeroy  
Faithy Ford Justin, Cleveland  
Rita Kay Kelly, Washington C. H.  
Andrea Vidmar Kusar, Euclid  
Kathleen Johnson Lennon, Navarre  
Deborah Diane Lumley, Carrollton  
Marilynn Kae Mandas, Dayton  
Patricia Elaine McDonald, Columbus  
Harriett Melinda Miree, Cincinnati  
Edith Jane Morris, Venedocia  
Joan Olovitch, Chesterfield, Mo.  
Sandra Glazman Reich, Akron  
Ollie Arnold Richards, Columbus  
Dona May Richter, Salesville  
Anita Smith Sayers, Cincinnati  
Sister Kathleen Marie Scott,  
Struthers  
Nancy Lee Shallenberger, Marietta  
Patricia Ann Smith, Long Bottom  
Sally Joan Stein, Columbus  
Dorothy Jane Stewart, Marion  
Kathleen Marie Swift, Hudson  
Joyce Elaine Wells, McComb  
Renee Marie Wendt, Worthington  
Rachel Renee Werner, Cleveland  
Deloris Imogene Wharton, Marion  
Donna Lynn Wysong, Kettering  
Kathleen Ann Yacobozzi, Amherst

## Graduates with Honors

### Summa Cum Laude

Dale Charles Angerman, Navarre  
Richard Alan Bell, Middlefield  
David Scott Birsa, Jefferson  
Diana Marie Cohen, Canton  
Diane Davis Cottrell, Lima  
David Earl Enting, Columbus  
James LeRoy Gessler, Pandora  
Andrea Lynn Gilchrist, Cincinnati  
Elaine Foster Glass, Springfield  
Brenda Thelma Harper, Warren  
Elaine DeGreve Klopfenstein,  
Crestline  
Catherine Herl Madden, Ashtabula  
Gerald Joseph Michalec, Mentor  
Joan Olovitch, Chesterfield, Mo.  
Marilyn Leet Penrod, Bethesda, Md.  
Michael Nelson Schaeffer, Cincinnati  
Vera Jane Seelenbinder, Springfield  
Karen Elizabeth Slaugenhaupt, Niles  
Stephen Douglas Smith, Newark  
Sandra Hampton Spayde, Mansfield  
Sharon Ann Tesi, North Canton  
Norman Herbert Thomas,  
Washington C. H.  
Robert Edwin Wayland, Brook Park  
Mary Ellen Weber, Cincinnati  
James Hutchison Williams, Jr.,  
Columbus  
Carol Anita Zelizer, Columbus

### Cum Laude

Lawrence Harris Babich, Marion  
Marian Short Bass, Marion  
Thomas Mark Beetham, Cadiz  
Reed Richard Bittinger, Mansfield  
Susan Thaw Brown, Marion  
Rosanne Nowak Buckner, Cleveland  
Deanna Lorenz Bukovec, Lakewood  
Annabelle Oler Burggraf, Cardington  
Niece Dianne Caltrider,  
Colorado Springs, Colo.  
Gary Michael Camp,  
Parkersburg, W. Va.  
Beverly Rae Claycombe, Columbus  
Leonardo Rafael Corral,  
Riobamba, Ecuador  
Donald Gerrard Dawson, Rocky River  
Vicki Lynn Derr, East Liverpool  
Mary Ethel Devaney, Rye, N. Y.  
Cheryl Ann Eppley, Bucyrus  
Deborah Sherman Finkel,  
Encino, Calif.  
Catherine Anne Fry,  
North Vernon, Ind.  
Donatella Vigo Glod, Milano, Italy  
Martha Hoppe Harmon, Columbus  
Barbara Fusack Harris, Cincinnati  
Bruce McNeill Hayman, Rocky River  
John William Herbert, Orrville  
Beverly Catherine Hess, Columbus

Dennis Adelbert Horazak, Columbus  
Katherine Elizabeth Hubbard, Toledo  
Michael David Imfeld, Middletown  
Janet Elaine Irvin, Lexington  
Darwin Clinton Jackson, Cleveland  
Patricia Kennedy, Cincinnati  
Stuart Brooks Kincaid, Hillsboro  
Shirley Jane Lind, Canton  
Carol Jean Litzler, Mansfield  
Timothy Spiess Manchester, Lakeview  
Jonathan William Mauch, Cincinnati  
Nancy Lee McBride, Columbus  
Kathleen Bernice McCabe, Lakewood  
Elizabeth Ann McKinney,  
Olmsted Falls  
Devonna S. Mumford, Columbus  
Mary Jo Panzone, Columbus  
Anthony John Paudiez, Marysville  
Erica Elizabeth Retter, Columbus  
Dona May Richter, Salesville  
Dorothy Elva Risberg, Cleveland  
John Edwin Rose, Cambridge  
Michael Preston Sarrey, Columbus  
Patricia Seeger Scharer, Galion  
Richard Leo Schlotterbeck, Lewisburg  
John Douglas Seibert, Toledo  
Stephen Douglas Skinner, Columbus  
Cathryn Marie Smith, Mansfield  
Sally Joan Stein, Columbus  
Mary Elizabeth Stillwell, Elyria  
Elizabeth Ann Tewksbury, Hamilton  
Danny Robert Thompson, Oregon  
Ellen Fox Thompson, Orient  
Roberta Louise Tipton, Dayton  
Sharla Ann Waltz, Lima  
Janice Neva Wells, Springfield  
Gary Wilber, Cincinnati  
Marie Elaine Zeglen, Levittown, Pa.

### Summa cum laude and with Distinction in Dairy Science

Bruce K. Beery, Burbank  
Richard Louis Cryder, Kingston

### Summa cum laude and with Distinction in English

Laurie Gatherum MacFarlane,  
Columbus

### Cum laude and with Distinction in Agricultural Education

William Geoffrey Owen, Cincinnati

### Cum laude and with Distinction in Animal Science

Debra Jones Endsley, Kirtland

### Cum laude and with Distinction in History

David Newton Marinelli,  
New Providence, N. J.

### With Distinction in Agricultural Economics

John Franklin Siegel, Covington

### With Distinction in Dairy Science

Robert James Harmon, Kingsville

### With Distinction in French

Katherine Barbara Drobot, Columbus

### With Distinction in Natural Resources

John Wayne McNeely, Dayton

Page 502 Blank

Page 503 Blank

Page 504 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 7, 1972

The Board of Trustees met at its regular monthly meeting on Friday, April 7, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

REPORT BY CHAIRMAN

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University

Mr. Shocknessy made the following statement and recommendation:

My report today will envision a decision to be made by this Board which it will undertake to make after having given the fullest of thought to the decision. Today this Board may make a decision which is the most important decision it has thus far been called upon to make and which may be the most important decision that it will ever be called upon to make. The importance of the decision invests the occasion with a certain solemnity Board meetings don't often have. Today is 'the day' I hope. Today is 'the day' of decision, I hope. Today is 'the day' when I hope the decision we make will have not merely importance today but it will have significance down the years of the future--significance to all of us here--significance to the whole State, as well as to the University which is represented by those of us who are here and significance to higher education in our country.

For more than a year we have been as a Board seeking a President for The Ohio State University to succeed the distinguished man at my right who has served this University so selflessly, so ably, and so well for 16 years. The Board has been assisted in its efforts by a Search Committee--a Committee which has another title but which we have come to know familiarly as the Search Committee. The Search Committee structure was suggested by President Fawcett. The Search Committee structure was created by this Board. President Fawcett in his whole administration has rarely done anything for this Board better than his recommendation for the structuring of the Search Committee. President Fawcett's recommendation of the structure envisioned representation on the Search Committee of every constituency of the University. The Search Committee was convened first under the Chairmanship of the immediate past Chairman of this Board, The Honorable John G. Ketterer. The Search Committee persevered over the period from then till today. The Search Committee has never wavered, has never faltered. The Search Committee has given unstintingly of its efforts, of its talents, and we are grateful for all the Search Committee has accomplished, for all the benefits that we as a Board and the University have derived from the efforts and labors of the Search Committee. The Search Committee over the months interviewed and otherwise examined the credentials of many prospects for the Presidency of this University. This Board has examined the credentials, this Board has conferred with many worthy prospects for the Presidency of this University. This Board has not until today offered the Presidency to any prospect. It has been rumored often that this or that prospect had been offered the position. This

April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

Board never has and never would shop around for the office of the Presidency of this great University. This Board determined that it would not make an offer until it was assured in its collective mind that the person to whom it would make an offer would be able to accept the Presidency as well as to fulfill its manifold responsibility. The Search Committee rather recently presented us with several names. All the persons then named were interviewed, save one of that group, by a majority of this Board. That one who was not interviewed had asked that his name be withdrawn before the interviews were undertaken. I think it is to the everlasting glory of everybody who has had anything to do with the processes which have been applied over the recent past months that the confidentiality of the processes has been maintained.

And now I am ready to state that the several members of this Board here present today authorized me only just before this meeting to say that the Presidency of The Ohio State University will be offered at this meeting to Dr. Harold L. Enarson, the President of Cleveland State University. Dr. Enarson was born in Villisca, Iowa. He has three children and a wife; the wife is Audrey and she has been interviewed also by a majority of our Board. Dr. Enarson has an A.B. from the University of New Mexico, which was awarded in 1940; he has a M.A. from Stanford University, which was awarded in 1946; he has a Ph.D. from American University which was awarded in 1951. He has been the President of Cleveland State University since 1966. From 1961 to 1966 he was the Academic Vice President at the University of New Mexico; in 1960-1961 he was Administrative Vice President at the University of New Mexico; from 1954 to 1960 he was Director of Western Interstate Commission on Higher Education; in 1953-1954 he was Executive Secretary to the Mayor of Philadelphia; in 1953 he was Assistant Director of Commerce for the City of Philadelphia; from 1950 to 1952 he was Special Assistant, Office of the Assistant to the President in the White House; in 1949-1950 he was an Assistant Professor at Stanford University; from 1946 to 1949 he was Assistant Professor at Whittier College; from 1943 to 1946 he was in the United States Infantry; in 1942-1943 he was Budget Examiner, Bureau of Budgets in Washington.

Dr. Harold Enarson has distinguished himself as a teacher, researcher, and practitioner in the field of Political Science. He has been recognized throughout by his academic appointments and by virtue of government service at the national,

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

regional, state, and local levels. Dr. Enarson's advisory relationships include service in the National and International arenas and they have included assistance to such diverse fields and agencies as the National League of Nursing, United States Department of Agriculture, the Agency for International Development, the Commission on International Education, the American Council on Education, the Ford Foundation, and the Carnegie Corporation. Cleveland State University has come into being under his leadership during turbulent times in the history of American higher education. President Enarson has guided this institution well during its initial six years by taking an active part in the recruitment and development of a staff from the department level to personnel engaged in central administration tasks. As able faculty and administrators have joined the institution, Dr. Enarson has delegated responsibility and worked with the staff in such a way that he has earned a very deep loyalty and respect from those with whom he has been associated. Persons close to Cleveland State University describe Harold Enarson as a warm, humanistically oriented administrator who has been able to work effectively with a strong governing board. Dr. Enarson has enjoyed excellent relationships with students.

In addition to performance in the Presidential role of a rapidly growing urban University, Dr. Enarson has had a diversity of academic service in a variety of public and private institutions. Initial professional experience at Whittier College and at Stanford University has prepared him well for future responsibility at a large State University, New Mexico where he served successively in the roles of Administrative and Academic Vice President and at Cleveland State University.

Those who have followed Dr. Enarson's career over a period of years are quick to identify the extremely supportive role which Audrey Enarson has played. They describe her as tireless and innovative and they state as First Lady of this University she will be a great First Lady, worthy of following in the footsteps of the great First Lady we have had the past 16 years. We believe that Dr. Harold L. Enarson presents an excellent record as a university administrator; a record solidly built upon achievement, as well as strong student and faculty support. We further believe that Dr. Enarson if chosen by this Board today will be an outstanding President of The Ohio State University. We feel that he has exciting vision of the big mission for an institution such as Ohio State and that he is as worthy a man as could be found to follow the worthy man whom he would be following.

April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy presented the following motion:

And accordingly, in accordance with law and the By-Laws of the Board of Trustees of The Ohio State University, I move the appointment and election of Dr. Harold L. Enarson to the Presidency of The Ohio State University, being the ninth in order of succession, effective September 1, 1972, at a salary of \$50,000 per annum, and with all allowances, rights, privileges, perquisites, duties, and responsibilities of the office and subject to such other arrangements and adjustments from time to time as may be mutually agreed upon and in accordance with an oath of office to be taken upon his entrance upon duty. That is my motion.

Dr. Sirak has asked to be recognized as the first second but I believe all members of the Board who are present also will want to second the nomination incorporated in my motion. I have been advised Mr. Eckley, were he here, that he would offer to second the nomination of Dr. Enarson whom he knows well in Cleveland and I have been advised by Mr. Dunlap that he has been advised by Mr. Harrod that were he here he would offer a second. Accordingly, I shall consider formally as a second Dr. Sirak, who requested to make the second, and I shall formally recognize also as seconds all members of the Board who are present and informally the two members who are not present. Will the Secretary call the roll, please. (Dr. Sirak, yes; Mr. Gushman, yes; Mr. Dorsey, yes; Mr. Dunlap, yes; Mr. Safford, yes; Mr. Hilliker, yes; Mr. Shocknessy, yes.)

All members present have voted in favor of the motion and I now declare the motion passed and Dr. Harold L. Enarson the next President of The Ohio State University. (Applause from Search Committee section.) And nobody is more entitled to applaud than those who applauded from the first rows on my left.

Mr. Shocknessy continued with the following statement:

And now, I want to thank President Fawcett in behalf of the Board of Trustees for the structuring plan which was followed in creating the Search Committee which as I said before was composed of representatives of every constituency of the University. I want to thank the Search Committee for its monumental labors and for the enormously satisfactory result which

April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

has been achieved. The Search Committee, having completed its mission as envisioned, may now be dissolved with our expressions of gratitude which will be formalized by letter or scroll to be arranged for by the Secretary of this Board for each member who served on the Committee, including the first Chairman, The Honorable John G. Ketterer, who gave many months to the office, and the representative of the Student Government who retired from the Committee early this year, Mr. Jerome Friedman, and the widow of Dr. Grant O. Graves who served on the Committee until his untimely death. The files and records of the Search Committee will be incorporated appropriately in the files of the Board of Trustees of this University so that the next Board which is required to choose a President may have available all necessary precedents. I shall make available also the file of correspondence and such other information as has come into my possession as Chairman of the Board of Trustees. We extend our expressions of gratitude to the media of communications all of which have worked to keep the public informed of the deliberations and the efforts of the Search Committee and the Board.

President Fawcett has advised this Board that he will give unstintingly of his efforts to assist the President-elect, Dr. Enarson, to enter upon his duties and assume his responsibilities with all ease. Knowing President Fawcett and the benevolence with which every act of his is taken, we know as members of this Board and as part of this University that the transition will be effected with efficiency and great goodwill. On behalf of the Board I urge that all of us join together to support the new administration. This Board will give every ounce of its ability to support the new administration which will assume office in September and we know that the administration of President Fawcett will do just as President Fawcett promised. With that I conclude our statement with respect to the election of the President.

Dr. Moulton, as Secretary of the Board, you will proceed to make effective the action which will be required and one of us, you or I, will advise Dr. Enarson, after this meeting, of his election. Dr. Enarson indicated his willingness to accept the position if it were tendered and he and I together talked to the Chairman of the Board of Cleveland State University so that our good relations with Cleveland State would be maintained in this period when the President of Cleveland State will be preparing to come to The Ohio State University. I advised the Chairman of the Board of Cleveland State University that our Board and

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

our University would do everything within our ability and the ability of the University to cooperate with Cleveland State in this period. And I told the Chairman further that if there were any suggestions which would be helpful from our efforts in seeking a President that Cleveland State would be welcome to whatever we have.

Mr. Shocknessy asked President Fawcett if he would like to respond.

President Fawcett responded as follows:

Mr. Chairman and members of the Board, a year ago in March when you convened for the purpose of acting favorably upon my request to retire from the Presidency of this University on September 1, 1972, you requested me to bring forth for your consideration and approval, modification, or rejection an appropriate search procedure for the selection of my successor. I did, you approved it and the procedure is now completed. That procedure was somewhat unique as you have indicated, Mr. Chairman, in that there were more constituencies of the University represented in it than have marked the procedures used in a good many other universities. So I want first of all to express my gratification for the manner in which the people who labored long and well performed their services. I am highly pleased that the procedure appears to have worked. I want also to extend my congratulations to Dr. Enarson and to reaffirm what you said concerning my willingness to assist him in every possible way in his preparation to assume responsibilities of this University the first of September. And finally, I want to commend this Board for what I think is the very effective manner in which it has worked with all people concerned as well as the wisdom of your decision.

Mr. Shocknessy responded:

Be sure that Mrs. Fawcett knows that we included her in our remarks today. In our discussion with Dr. Enarson, we told him that he would be coming to a University that has a firm and stable structure, that we are proud of our administration which has or will have preceded him.

April 7, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rules 29.2715 and 29.2729  
of Rules for the University Faculty

The Faculty Council on March 15, 1972, approved changes in Rule 29.2715 and Rule 29.2729 of Rules for the University Faculty. (See Appendix VIII, page 537.)

1. In Rule 29.2715 the membership of the Council on Admissions and Registrations is revised to include five student members.
2. In Rule 29.2729 the membership eligibility within the graduate category on the Committee on Academic Freedom and Responsibility is revised so as to include Research and Administrative Associates as well as Teaching Associates.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the March 3, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointments, and Leaves of Absence Without Salary:

A. Promotions

Colin B. B. Bull from Professor and Chairman of the Department of Geology to Dean of the College of Mathematics and Physical Sciences, effective July 1, 1972, at a salary of \$32,088.00 per annum. Dr. Bull will hold an academic appointment as Professor in the Department of Geology.

Erika E. Bourguignon from Professor in the Department of Anthropology to Professor and Chairman of the Department of Anthropology, effective July 1, 1972, at a salary of \$22,932.00 per annum.

April 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

William H. Havener from Professor in the Department of Ophthalmology to Professor and Chairman of the Department of Ophthalmology, effective July 1, 1972, at a salary of \$24,048.00 per annum.

B. Appointments

David H. Smith, Associate Dean, College of Social and Behavioral Sciences, effective July 1, 1972, at a salary of \$23,088.00 per annum.

Edward J. Kane, Professor (Everett D. Reese Chair of Banking and Monetary Economics), Department of Economics and Academic Faculty of Finance, effective July 1, 1972, at a salary of \$30,168.00 per annum.

C. Leaves of Absence Without Salary

Raymond A. Bailey, Professor, Department of Agricultural Economics and Rural Sociology, effective April 1, 1972 through June 30, 1972, to participate in the appraisal of a Livestock Development Loan in Ireland.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective February 14, 1972 through May 14, 1972, to contribute as short-term consultant to the Ford/OSU (Department of Agricultural Engineering) cooperative contract in India.

President Fawcett recommended that the Promotions, Appointments, Leaves of Absence Without Salary, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(February 11, 1972 - March 17, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	7	\$204,580.00
Industrial and Other Research	4	51,435.00
<u>Grants</u>		
Government Research - Federal	25	713,256.00
Industrial and Other Research	<u>1</u>	<u>3,450.00</u>
Totals	37	\$972,721.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Navy, Navy Weapons Laboratory, Dahlgren, Virginia, Computation of the Radiation Patterns of an Offset Fed Parabola (to be known as Project No. 3220-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$9,000.00.
- b. Department of Army, Harry Diamond Laboratories, Washington, D. C., A Study to Improve the Performance of Electrically Small Antennas Located in Small Dielectric Nose Cones (to be known as Project No. 3281-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$58,576.00.
- c. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Studies in Disaster Response and Planning (to be known as Project No. 3395-A1 - New - Department of Sociology).  
Gross Value - \$33,000.00.
- d. Department of Interior, Bureau of Mines, Denver, Colorado, Fundamental Studies in the Use of Sonic Power for Rock Cutting (to be known as Project No. 3396-A1 - New - Department of Engineering Mechanics).  
Gross Value - \$51,735.00.
- e. Department of Air Force, Air Force Systems Command, 4950th Test Wing (Technical), Wright Patterson Air Force Base, Ohio, Aircraft-Simulator Transfer Problems (to be known as Project No. 3398-A1 - New - Department of Preventive Medicine).  
Gross Value - \$20,130.00.
- f. Department of Navy, Office of Naval Research, Arlington, Virginia, Research on the Preparation and Properties of Semiconductor Compounds as Aluminum Antimonide (to be known as Project No. 3411-A1 - New - Department of Electrical Engineering).  
Gross Value - \$31,649.00.
- g. Department of Navy, Naval Ship Research and Development Laboratory, Annapolis, Maryland, Services and Materials to Provide Thermistor Gas Coverage Mapping of Gases and Mixes Using External Gas Shielding Device for Welding (to be known as Project No. 3412-A1 - New - Department of Welding Engineering).  
Gross Value - \$490.00.

TOTAL - Government Contracts - Federal \$204,580.00

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. The Babcock and Wilcox Company, Research and Development Division, Alliance, Ohio, Nitric Oxide Detection with an Infrared Laser (to be known as Project No. 3300-A1 - Purchase Order #25645 - Department of Electrical Engineering).  
Gross Value - \$7,000.00.
- b. Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology (to be known as Project No. 3389-A1 - New - Department of Botany).  
Gross Value - \$12,535.00.
- c. International Lead Zinc Research Organization, Inc., New York, New York, Effect of G6Pd Deficiency on Lead Uptake of Erythrocytes (to be known as Project No. 3403-A1 - New - Department of Physiology).  
Gross Value - \$14,354.00.
- d. The Boeing Company, Wichita Division, Wichita, Kansas, Theoretical Evaluation of Surface Current and Charge Densities (to be known as Project No. 3406-A1 - New - Department of Electrical Engineering).  
Gross Value - \$17,546.00.

TOTAL - Industrial and Other Research Contracts \$51,435.00.

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hemopoiesis - a Histochemical and Cytological Unit (to be known as Project No. 893-M - Ext. #13 - Department of Anatomy).  
Gross Value - \$38,839.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as Project No. 1100-J - Sup. #1 - Department of Surgery).  
Gross Value - \$10,906.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as Project No. 1172-L - Ext. #11 - Department of Biochemistry).  
Gross Value - \$28,021.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO<sub>2</sub> - Artery QO<sub>2</sub> Relationship and Atherosclerosis (to be known as Project No. 1800-G - Sup. #1 - Department of Physiology).  
Gross Value - \$3,442.00.
- e. 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 (to be known as Project No. 2012-G - Ext. #7 - Department of Physiological Chemistry).  
Gross Value - \$33,464.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as Project No. 2308-D - Ext. #4 - Department of Physiology).  
Gross Value - \$19,658.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as Project No. 2701-D - Ext. #4 - Department of Biochemistry).  
Gross Value - \$21,319.00.
- h. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Project No. 2768 - Mod. #AFOSR-69-1710E - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$32,454.00.
- j. National Science Foundation, Washington, D. C., Geology of the Beardmore Glacier-Scott Glacier Region, Transantarctic Mountains, Antarctica (to be known as Project No. 3103-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$18,600.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A2 - Ext. #1 - Department of Surgery).  
Gross Value - \$24,894.00.
- l. Department of Air Force, Air Force Office of Scientific Research, Air Force Systems Command, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Multi-Sensor Environments (to be known as Project No. 3183-A1 - Mod. #AFOSR-71-2048B - Department of Electrical Engineering).  
Gross Value - \$49,764.00.
- m. National Science Foundation, Washington, D. C., Carbenic Processes: The Chemistry of Diazo Compounds and Related Intermediates (to be known as Project No. 3195-A1 - Sponsor Ltr. Dtd. 2/10/72 - Department of Chemistry).  
Gross Value - \$41,300.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Extrarenal Renin and Intrarenal Blood Flow (to be known as Project No. 3209-A1 - Ext. #1 - Department of Medicine).  
Gross Value - \$28,757.00.
- o. National Science Foundation, Washington, D. C., Ecological Studies in the Galapagos Islands (to be known as Project No. 3233-A1 - Sponsor Ltr. Dtd. 2/22/72 - Department of Zoology).  
Gross Value - \$31,900.00.
- p. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3266-A1 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- q. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as Project No. 3397-A1 - New - Department of Chemistry).  
Gross Value - \$28,000.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Modification of Cellular Immunity to Neoplasia in Man (to be known as Project No. 3399-A1 - New - Department of Medicine).  
Gross Value - \$36,441.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Periodontal Diseases in the Germfree State (to be known as Project No. 3402-A1 - New - College of Dentistry).  
Gross Value - \$24,352.00.
- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Biomechanical Analysis of Tooth Supportive Structures (to be known as Project No. 3404-A1 - New - Department of Physiology).  
Gross Value - \$28,889.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biochemical Mechanisms in Cardiac Hypertrophy (to be known as Project No. 3405-A1 - New - Department of Pathology).  
Gross Value - \$62,056.00.
- v. National Science Foundation, Washington, D. C., Ligand Binding and Protein Disaggregation Properties of Methemoglobin (to be known as Project No. 3413-A1 - New - Department of Chemistry).  
Gross Value - \$34,000.00.
- w. National Science Foundation, Washington, D. C., Simple Groups of Sectional Rank at Most 4 (to be known as Project No. 3415-A1 - New - Department of Mathematics).  
Gross Value - \$5,700.00.
- x. National Science Foundation, Washington, D. C., Dust Concentrations in Byrd Core Compared With Climate Over Last 100,000 Years (to be known as Project No. 3416-A1 - New - Institute of Polar Studies).  
Gross Value - \$30,000.00.
- y. National Science Foundation, Washington, D. C., Analysis of Glaciology and Meteorology of Anvers Island, Antarctica (to be known as Project No. 3417-A1 - New - Institute of Polar Studies).  
Gross Value - \$10,500.00.

TOTAL - Government Research Grants - Federal \$713,256.00

4. Industrial and Other Research Grant

- a. American Cancer Society, Ohio Division, Columbus, Ohio, The Role of Sensitized Lymphocytes in Tumor Immunity (to be known as Project No. 3407-A1 - New - Department of Anatomy).  
Gross Value - \$3,450.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: February 11, 1972 - March 20, 1972)

	No. of Projects	Gross Value
Government Research Contract	1	\$12,577.00
Industrial Research Contracts	<u>3</u>	<u>40,500.00</u>
Totals	4	\$53,077.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 410X     Field Evaluation of Ultrasonic Bridge Weld Scanner,  
Ohio Department of Highways, Columbus, Ohio.  
Gross Value - \$12,577.00.

2. Industrial Research Contracts

EES 325X     Load Profiles and Energy Requirement for Heating and  
Ext. #2     Cooling Buildings, American Society of Heating, Re-  
frigerating, and Air Conditioning Engineers, Inc., New  
York, New York.  
Gross Value - \$23,280.00.

EES 408X     Polymer Engineering Research, Owens Illinois Technical  
Ext. #1     Center, Toledo, Ohio.  
Gross Value - \$7,500.00.

EES 412X     Beneficial Uses of Waste Heat at the Perry Nuclear Power  
Plant, The NUS Corporation, Rockville, Maryland.  
Gross Value - \$9,720.00.

TOTAL - Industrial Research Contracts \$40,500.00

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: February, 1972)

Grants  
Office of Finance and Treasurer \$4,795,029.00

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	457	\$ 124,033.02
Individuals Other than Alumni	258	57,272.03
Business Concerns	38	70,231.68
Foundations and Nonprofit Organizations	<u>58</u>	<u>136,422.22</u>
Totals	811	\$ 387,958.95

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$3,800,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of A Comprehensive Career Education Model, under the direction of the Center for Vocational and Technical Education, for the period March 16, 1972 through August 31, 1972. (Grant No. OEG-0-72-1419)
2. \$291,500.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of NDEA Title IV Graduate Fellowship Program under the direction of the Graduate School, for the period September 1, 1972 through August 31, 1973. (Award Number 437-00 3090)
3. \$152,750.00 granted by National Science Foundation, Washington, D. C., to the University for support of the appointment of twenty-six Continuation Graduate Traineeships for a period of nine or twelve months, under the direction of the Graduate School. This grant terminates on September 30, 1973. (Grant GZ-2456, Proposal No. 2/Z30-2356)
4. \$109,200.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of Vocational-Technical Leadership Development Program, under the direction of the Center for Vocational and Technical Education, as amended for the period April 1, 1972 through August 31, 1973. (Grant No. OEG-0-70-1945, Revision No. 2)
5. \$93,184.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Parasitology and Medical Entomology - Training Grant, under the direction of the Department of Entomology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AI00216-12)
6. \$76,004.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Pharmacology - Training Grant, under the direction of the Department of Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01417-08)
7. \$59,180.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medicinal Chemistry-Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01949-04)
8. \$49,300.00 granted by The Ohio Rehabilitation Services Commission, Columbus, Ohio, to the University for support of the performance of evaluative services set out in the VR/PW Expansion Grants Project Proposal, under the direction of the School of Social Work, for the period December 1, 1971 through November 30, 1972.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$41,196.00 granted by National Science Foundation, Washington, D. C., to the University for support of Student Science Training Program (Pre-College), under the direction of the Department of Mathematics. This grant expires on October 31, 1972. (Grant GW-7530, Proposal No. 2/2742)
10. \$30,347.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Electrocardiography; Hemodynamics, for a Development Award - Research Career Program, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1972 through March 31, 1973. (Grant No. 5 K03 HL13524-10)
11. \$25,053.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Clinical Chemistry-Training Grant, under the direction of the Department of Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01805-05)
12. \$25,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of A Pilot Test of an Evaluation System for Vocational Education Leadership and Professional Development Activities, under the direction of the Center for Vocational and Technical Education, for the period January 15, 1972 through June 30, 1972. (Grant No. OEG-0-72-0051)
13. \$18,329.00 granted by National Science Foundation, Washington, D. C., to the University for support of Student Science Training Program (Pre-College), under the direction of the Department of Engineering Graphics. This grant expires on October 31, 1972. (Grant GW-7596, Proposal No. 2/2452)
14. \$13,450.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for support of Mental Retardation Training, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Project No. 922)
15. \$5,207.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Library Resource Support, under the direction of the University Libraries, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 G01 LM00684-04)

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. \$2,929.00 granted by State of Ohio, Department of Urban Affairs, 8 East Long Street, Columbus, Ohio, to the University for support of the preparation and conducting of a training program for approximately two hundred administrators and supervisors, who work with minority groups and disadvantaged employees, under the direction of the College of Administrative Science.
17. \$2,400.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medical Student Apprenticeship Training-Training Grant, under the direction of the Department of Preventive Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 A07 AH 00209-05)

B. The Ohio State University Development Fund

1. \$90,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism.
2. \$43,844.53 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.
3. \$34,312.83 from the Estate of Dr. D. P. Snyder, Columbus, Ohio -- \$22,875.22 to be added to the Student Memorial Fund and \$11,437.61 to be added to the Snyder Research Memorial Fund.
4. \$24,186.80 from the Associates of Medicine, Columbus, Ohio, for the general fund in the Department of Medicine.
5. \$16,000.00 from The Grimes Foundation, Delray Beach, Florida, for its scholarship fund.
6. \$14,000.00 from the National/Ohio 4-H Foundation Campaign for its foundation fund.
7. \$12,650.00 from an anonymous donor for cancer research.
8. \$10,000.00 from Parke Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.
9. \$7,045.00 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, for research in the College of Medicine.
10. \$6,750.00 from E. R. Squibb & Sons, Inc., East Brunswick, New Jersey, for infectious disease research.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

11. \$5,600.00 from National Steel Corporation, Weirton, West Virginia, for its fellowship in Metallurgical Engineering.
12. \$5,250.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.
13. \$5,000.00 from Organon, Inc., West Orange, New Jersey, for research in renal disease.
14. \$1,238.32 from the family and friends of William Allan Kilpatrick for the establishment of the William Allan Kilpatrick Outstanding Student Award.

William Allan Kilpatrick Outstanding Student Award

The William Allan Kilpatrick Outstanding Student Award was established April 7, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family and friends of the late William Allan Kilpatrick, former student at the Newark Campus.

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

The annual income is to be used to provide a monetary award to an outstanding sophomore student enrolled at the Newark Campus. The award is to be made by the Director of the Newark Campus, upon the recommendation of a special committee appointed from the Newark Campus faculty and the Newark Campus students.

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

15. \$1,195.48 from John D. Drinko, Cleveland, Ohio, for the establishment of the Homer M. Edwards Memorial Fund.

Homer M. Edwards Memorial Fund

The Homer M. Edwards Memorial Fund was established April 7, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from John D. Drinko, J. D. '44, in memory of Homer M. Edwards, B. S. Bus. Adm. '43, J. D. '48, late of Ironton, Ohio.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

B. The Ohio State University Development Fund (continued)

15. Homer M. Edwards Memorial Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the 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 Law, as determined by the Dean of said College.

Should the College 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 of the appropriate administrative official of the University who is then directly responsible for legal education.

C. Gift-in-Kind

1. A Charolais Bull from Ralph R. Baldanhofer, Springfield, Ohio, to the College of Agriculture and Home Economics, Department of Animal Science.

D. Acceptance of Property - 463 King Avenue, Columbus, Ohio

President Fawcett recommended the acceptance of a gift of property located at 463 King Avenue, Columbus, Ohio, from Mrs. Florence Woelfel, 3440 Olentangy River Road, Columbus. The property is bounded and described as follows:

Being Lot Number Forty-seven (47) of Dennison Park Addition, to the said City of Columbus, Ohio, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book No. 4, page 106, Recorder's Office, Franklin County, Ohio, EXCEPTING a strip of land forty (40) feet in width off of the entire South end of said Lot No. 47.

ALSO all right of way for sewer, gas and electric service across the strip of land Forty (40) feet in width off of the South end of said Lot No. 47, reserved to Lulu M. Kiehl and E. R. Kiehl in the deed from said Lulu M. Kiehl and E. R. Kiehl, her husband, to Irene Harshman, dated April 15, 1922, and recorded in Deed Book 717, page 75, Recorder's Office, Franklin County, Ohio.

Title acquired by deed recorded in Deed Book 1234, page 494, and certificate of transfer recorded in Deed Book 2824, page 346, Recorder's Office, Franklin County, Ohio.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Acceptance of Property - 463 King Avenue, Columbus, Ohio (continued)

Mrs. Woelfel has requested that the income from the rental of the property or the proceeds from the sale of the property be used by the University to support cancer research in the College of Veterinary Medicine and that the gift be accepted in memory of her husband, Norman W. Woelfel. Mrs. Woelfel has given written permission to sell the property. If sold, the proceeds are to be placed in the permanent endowment fund, in memory of her husband, and the annual income is to be used for cancer research in the College of Veterinary Medicine.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the acceptance of the property located at 463 King Avenue, by unanimous voice vote.

\* \* \*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Medical Basic Science Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$8,678,370.00	\$8,903,937.63	\$225,567.63

Due to changes in the original plans to include construction of an underground tunnel connection for the Medical Center area, interior program changes were necessary to meet necessary requirements. These changes included the extension of a stairwell and elevator to the tunnel level. Deviations in the program required revisions in the projection booth and television studios and their environmental controls.

Funds for these changes have been provided by Budget Account 801115, item 315-043, HB 202, HB 886, and HB 828.

B. University Hospital - Remodel Intensive Care - Recovery Rooms

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 229,662.00	\$ 238,799.00	\$ 9,137.00

April 7, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. University Hospital - Remodel Intensive Care - Recovery Rooms (continued)

Extensive revisions to ceilings, walls and soffits were made necessary by existing building conditions revealed during demolition and to facilitate, coordinate, and accommodate the resultant changes.

Funds for these changes have been provided by Budget Account 801150.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Completion of Third Floor - Center for Tomorrow

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 3-20-72)		
Cap-Tar Construction, Inc. (Columbus)		
Base bid	\$ 64,985.00	\$ 67,000.00
<u>Plumbing Contract</u> (5 bids received 3-8-72)		
Bruner Corporation (Columbus)		
Base bid	\$ 11,167.00	\$ 17,500.00
<u>Heating, Ventilating, and Air Conditioning Contract</u> (5 bids received 3-20-72)		
Air-Control Mechanical Contractors (New Albany, Ohio)		
Base bid	\$ 33,500.00	\$ 36,595.00
Alt. HVAC-2 Additional baseboard heaters	+ 1,800.00	+ 2,500.00
Total Contract	\$ 35,300.00	\$ 39,095.00

April 7, 1972 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Completion of Third Floor - Center for Tomorrow (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (9 bids received 3-8-72)		
Reco Electric Company (Columbus)		
Base bid	\$ 13,238.00	\$ 26,000.00
Alt. E-2 Connection of additional baseboard heaters	+ 1,650.00	+ 1,000.00
Total Contract	\$ 14,888.00	\$ 27,000.00
<u>Total All Contracts</u>	<u>\$126,340.00</u>	<u>\$150,595.00</u>

Funds for this project have been provided from private contributions.

B. Neil Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received 3-14-72)		
Henry A. Justus (Columbus)		
Base bid	\$112,720.00	\$134,557.00
Alt. G-1 Replacement of metal windows	+ 21,000.00	+ 15,000.00
Total Contract	\$133,720.00	\$149,557.00
<u>Plumbing Contract</u> (3 bids received 3-24-72)		
Julian Speer Company (Columbus)		
Base bid	\$113,400.00	\$133,000.00
<u>Heating, Ventilating, and Air Conditioning Contract</u> (4 bids received 3-14-72)		
Duckworth Plumbing, Inc. (Columbus)		
Base bid	\$112,000.00	\$161,730.00
<u>Electrical Contract</u> (11 bids received 3-14-72)		
Pence Electric Company (Columbus)		
Base bid	\$ 82,548.00	\$125,353.00
<u>Total All Contracts</u>	<u>\$441,668.00</u>	<u>\$569,640.00</u>

Funds for this project have been provided from Budget Account 801258 (Neil Hall Air Conditioning and Improvements).

April 7, 1972 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Electrical System Repairs 1972--(Brown Hall,  
Hagerty Hall, Page Hall)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (9 bids received 3-28-72) Pence Electric Company (Columbus) Base bid	<u>\$ 33,807.00</u>	<u>\$ 50,000.00</u>

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

D. Ohio Stadium--Intramural and Recreational Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 4-4-72) Miller-Davis Electric Co. (Columbus) Base bid	<u>\$ 17,113.00</u>	<u>\$ 45,000.00</u>

Funds for this project have been provided from Budget Account 801256  
(Ohio Stadium Lighting).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

- 12 Approves the award of contracts for the General and Heating, Ventilating, Air Conditioning Contracts on the project, "Journalism Building Expansion" notwithstanding the fact that the low bids were over the estimate of cost and the release of \$2,840,000 from Item 315-064, HB 989, to provide funds for construction, equipment, and contingencies to complete the project.

\*

\*

\*

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Mansfield Campus - Lexington-Springmill Road (Easement)

The City of Mansfield has requested permission to widen and improve the Lexington-Springmill Road on lands adjacent to the Mansfield Campus of The Ohio State University, and the City of Mansfield will provide a future entryway from the Lexington-Springmill Road to the Mansfield Campus.

The improvement and the widening to four lanes of the Lexington-Springmill Road between SR 39 and US 30 would permit an improved traffic flow along the west boundary of the Mansfield Campus.

It was recommended that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to enter into an agreement between the City of Mansfield and The Ohio State University to permit entry on said lands to commence the improvements and to develop the necessary easements to provide the conveyance of the land required for the widening and improvement to the Lexington-Springmill Road.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Paul J. Bogatay, Professor Emeritus in the College of The Arts - Division of Art; Grant Ostrander Graves, Professor and Chairman of the Department of Anatomy; John Harrington Mitchell, Professor in the Department of Medicine; and Eric Ogden, Professor Emeritus in the Department of Physiology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Paul J. Bogatay

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 17, 1972, of Paul J. Bogatay, Professor Emeritus in the College of The Arts - Division of Art.

Professor Bogatay was born in Ava, Ohio, on July 5, 1905. He was graduated from the Cleveland School of Art in 1928.

Professor Bogatay was awarded the Tiffany Foundation Scholarship in the summers of 1928, 1929, and 1930. In 1933, he received a Rockefeller Foundation Research Scholarship in the Department of Fine Arts at The Ohio State University where he served as a Ceramic Designer for numerous potteries in Ohio and the Fostoria Glass Company in West Virginia. He joined The Ohio State University faculty in 1934, and taught courses in design, pottery design, mold-making, and ceramic sculpture.

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Paul J. Bogatay (continued)

Professor Bogatay was the recipient of eight national awards in ceramic sculpture and pottery. He also received fourteen regional and local awards in sculpture and pottery. In 1954, he was awarded the Charles Fergus Binns medal for meritorious contribution and in 1955-1956, he received the Fulbright award for research in Japan.

Professor Bogatay was the author of numerous articles for art periodicals. Three of these were published in The Journal for the American Ceramic Society. As a member and chairman of this society, he contributed to the broadening of interest of the group and its concept of social responsibility.

Professor Bogatay's major contribution has been as an exhibitor of pottery and ceramic sculpture. His work has been exhibited in the United States, Canada, Norway, Sweden, Denmark, England, and Japan. His work is represented in numerous public and private collections.

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.

B. Grant Ostrander Graves, M. D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 7, 1972, of Grant Ostrander Graves, M. D., Professor and Chairman of the Department of Anatomy.

Dr. Graves was born in Columbus, Ohio, on January 21, 1905, the son of Harry D. and Kathleen Ostrander Graves. He received his elementary and secondary education in the public schools of Columbus. He earned his Bachelor of Arts degree from The Ohio State University in 1926. The following year he served as a Field Executive with the Boy Scouts of America. He returned to The Ohio State University in 1927 to complete the prerequisites for admission to Medical College and to pursue a graduate degree in Anatomy. He received his Master of Arts degree in Anatomy in 1929 and his Doctor of Medicine degree in 1932, both from The Ohio State University. Following a year's internship at Duke University, Dr. Graves returned as a resident in medicine. He was appointed Instructor in Human Anatomy in 1935 and served in this capacity until 1937 when he was promoted to Assistant Professor. In 1940, while teaching in the Department of Anatomy, he established a private practice of internal medicine and married his former student, Dr. Helen M. Pierson. He became Associate Professor of Anatomy in 1944 and in 1948 received joint appointments as Assistant Professor in both the Departments of Medicine and Radiology. He continued to serve in these departments, as well as in Anatomy throughout his life. He was promoted to Professor of Anatomy in 1959 and when the Chairmanship of that Department was vacated in 1961, he was asked to serve as Acting Chairman. He was appointed Chairman of the Department of Anatomy in 1962.

April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Grant Ostrander Graves, M.D. (continued)

Dr. Graves received many honors. He was a member of several professional organizations and served on numerous College and University Committees. He was a Diplomat of the American Board of Internal Medicine and a life member of the American College of Physicians. He was selected Man of the Year by the Medical School Class of 1949. He was elected President of the Columbus Academy of Medicine in 1952, the Medical College Alumni Association in 1966, and the Midwest Anatomists Association in 1968. He was a member of the American Association of Anatomists and A.O.A. The most notable of the College Committees on which he served were the Executive and Curriculum Committees. While on the Curriculum Committee and as its chairman, he was instrumental in the design and implementation of the three-year curriculum which began in July of 1970. He served as a member of the University Faculty Council, the Faculty Advisory Committee to the President and the Board of Trustees, and the Presidential Search Committee.

Dr. Graves was a man of vision and accomplishment. He published many papers. He authored three books. He led an active, well-organized department. He was an excellent teacher. He initiated the establishment of the Department of Medical Education. His innovation of two tracts for the study of gross anatomy led to the development of the present Pilot Medical School Program. He encouraged the creative use of multi-media in the teaching of anatomy. He was on the faculty of the Creative Problem Solving Institute. He practiced medicine. He was a climber of mountains, a gardener and groundskeeper, and a better than average photographer. He was a devoted husband and father.

Never blinded by the desires of personal recognition and dedicated to the improvement of medical education, Dr. Graves would have considered an emotion laden tribute an affront to his pride. Two quotations best characterize him. The first, from the Canterbury Tales, serves as the caption for his picture as Man of the Year--"And gladly wolde he lerne and gladly teche." The second may well be his own--"Never shall I forget that to the State of Ohio I owe my education. I hope I may be able to honor such a trust."

On behalf of The Ohio State University, the Board of Trustees expresses its deep sympathy and understanding to the family. It was directed that a copy of this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be forwarded to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. John Harrington Mitchell, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 11, 1972, of John Harrington Mitchell, M.D., Professor in the Department of Medicine.

April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. John Harrington Mitchell, M. D. (continued)

John Harrington Mitchell, was born January 14, 1904, in Columbus, Ohio. He was graduated from The Ohio State University with B. A. and M. D. degrees. Following an internship at Grant Hospital in Columbus he was appointed Resident in Medicine at the St. Francis Hospital in 1929. Upon completion of this service, he was made Resident in Pathology at White Cross Hospital and Instructor in Pathology at The Ohio State University from 1930 to 1933. It was during this period that he had the misfortune of sustaining an infection at the autopsy table that resulted in the loss of part of an upper extremity. This did not deter him from returning to an active medical life. In 1935 he began the practice of Allergy after receiving training at the Asthma and Hay Fever Clinic in Cleveland during 1934. He established the Division of Allergy at The Ohio State University.

In 1957 Dr. Mitchell became deeply interested in Psychiatry and spent two years at the Columbus State Hospital followed by another year at the Columbus Psychiatric Institute which is now known as Upham Hall, the Department of Psychiatry of the College of Medicine of The Ohio State University.

In 1961 Dr. Mitchell became associated with Dr. Damon Wetterauer in the private practice of Psychiatry and Allergy. Prior to this he had been associated with his brother Dr. William F. Mitchell from 1938 to 1955 with whom he shared offices in the practice of Allergy. He was the author of more than 16 publications in the field of his interest. In 1947 with his brother William he published a paper on "Personality Factors in Allergic Disorders." He was co-author of a movie entitled "Skin Sensitizing Antibodies" which was produced in color and sound in March of 1963.

While on a Medical Tour in Africa sponsored by the Ohio State Medical Association he was strolling with Doctors George Harding and Robin Obetz in Fez Morocco when he was seized with an attack identified as a coronary thrombosis. He was promptly admitted to the local 800 bed hospital and given expert care. He seemed to be doing well when suddenly 36 hours later he sustained a massive infarction and expired.

Dr. Mitchell was a member of the Central Ohio Psychiatric Association, a Fellow of the American College of Physicians, a Fellow of the American College of Allergists, a Fellow of the American Academy of Allergy; and he was a past president of the American College of Allergy.

On behalf of The Ohio State 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.

April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Eric Ogden, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 30, 1972, of Eric Ogden, Professor Emeritus in the Department of Physiology.

Dr. Ogden was born January 26, 1903, and received his education in London, England, obtaining the M.B. degree from the University of London in 1922. He also studied in Grenoble, France, and had the honor of a Sharpey Fellowship in London, 1925-29.

After serving on the Faculty of University College, London, Dr. Ogden came to the University of California in Berkeley in 1929 as Assistant Professor of Physiology. Later he became Associate Professor of Physiology at the San Francisco campus, with responsibility for medical, dental, pharmacy, and nursing students.

In 1943 Dr. Ogden became Professor of Physiology and Chairman of the Department at the University of Texas Medical Branch, Galveston. Here he developed an outstanding laboratory, and with Mrs. Ogden, took an active part in the cultural life of the city. In 1949 he was appointed Research Professor of Cardiology; Professor of Physiology and Chairman of the Department of Physiology at The Ohio State University. His studies on the functioning of the circulatory and respiratory systems were well recognized, and he was an authority on hypertension. He was a consultant to various health agencies, and his clinical skill brought him appointments to the staffs of several hospitals. He helped found the American Association for High Blood Pressure, and he was Visiting Professor for the Commonwealth Fund. His work was recognized by a special citation by the American Heart Association.

In 1963 Dr. Ogden returned to California, becoming Chief of the Environmental Biology Division at Ames Research Center, NASA, at Moffet Field, and Lecturer in Aerospace Medicine at Stanford Medical Center. He was a member of the Royal College of Surgeons, London; the Physiological Society; the American Heart Association; the New York, California, and Texas Academies of Science, and the Aerospace Medical Association.

On behalf of The Ohio State 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.

\*

\*

\*

April 7, 1972 meeting, Board of Trustees

X. REPORT

A. Report on the University's Investment Portfolio

The report dated April 7, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

MR. SHOCKNESSY'S EXPRESSION OF THANKS

Mr. Shocknessy made the following statement:

I personally want to thank the President, the members of the Board, the Search Committee, and everybody who gave me help and support in the past year. It has not been easy for any of us; the road has been rather long, rather tortuous, and sometimes agonizing. I always felt that I was well supported by the administration and the Board. I want to add my personal expressions to the administration, especially to the President, to the Board, and to the Search Committee. And now, in conclusion, I want to say that I have spoken to Vice President Smith and he will arrange for a Press Conference.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, May 5, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

APPENDIX VIII

Revision of Rules 29.2715 and 29.2729  
of Rules for the University Faculty

Approved by Faculty Council  
March 15, 1972

Adopted by Board of Trustees April 7, 1972  
(See page 512)

Page 538 Blank

Revision of Rules 29.2715 and 29.2729 of Rules for the University Faculty

The Faculty Council on March 15, 1972, approved changes in Rule 29.2715 and Rule 29.2729 of Rules for the University Faculty. The revised text is as follows:

29.2715. Council on Admissions and Registrations.

Section 1. The Council on Admissions and Registrations shall consist of seven-teen members chosen as follows:

- a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for reappointment.
- b. Ex officio members. The persons holding the following three titles shall be ex officio members: Provost and Vice President for Academic Affairs or his designee (who shall serve as Chairman of the Council); Vice President for Administrative Operations or his designee (who shall serve as Secretary of the Council); and the Executive Director of University Planning.
- c. Student members. There shall be five student members including three undergraduate students to be appointed by the president of the Undergraduate Student Government with the consent of the Student Assembly, one graduate student to be appointed by the president of the Council of Graduate Students with the consent of the Council of Graduate Students executive committee, and one professional student to be appointed by the president of the Interprofessional Council with the consent of the Interprofessional Council. Student members shall serve for a one-year term and shall be eligible for reappointment.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers<sup>1</sup>) or to the Faculty Council, depending upon the nature of the recommendation.

- o -

29.2729. Committee on Academic Freedom and Responsibility.

Section 1. The Committee on Academic Freedom and Responsibility shall consist of five elected Faculty members of the Faculty Council and two graduate Teaching, Research, or Administrative Associates. They shall be elected by the Faculty Council for two-year terms. The Council of Graduate Students shall nominate four such graduate Teaching Associates from whom the Faculty Council will elect two members to the Committee on Academic Freedom and Responsibility. Vacancies on the Committee shall be filled through election by the Faculty Council with nominations being made from the floor.

29.2729. Committee on Academic Freedom and Responsibility. (continued)

Section 2. The Committee shall have the following responsibilities:

- a. To study all conditions which, in the judgment of the Committee, may affect the academic freedom or responsibility of the faculty of the University, and to report at least once a year thereon, with recommendations when appropriate, to the Faculty Council.
- b. To hear and investigate complaints by individual faculty members concerning alleged infringements upon academic freedom or responsibility in the University; to report findings and recommendations to the parties involved with the hope of mediating a dispute; to report to the Faculty Council if further action by the Council is appropriate; and, if necessary, to recommend to the Faculty Council that charges under Rule 21.07 be initiated against the individual alleged to have violated the academic freedom of a member of the faculty or against the individual alleged to have abrogated his responsibilities to the University. (B/T 6/12/69)

- o -

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 5, 1972

The Board of Trustees met at its regular monthly meeting on Friday, May 5, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and Howard D. Sirak.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

May 5, 1972 meeting, Board of Trustees

### ELECTION OF OFFICERS

Mr. Shocknessy made the following statement and nominated the slate of officers for 1972-73:

It has been a tradition of the Board of Trustees of this University that the Chairmanship rotate and every member serves as Chairman during his last year on the Board. I served this term out of rotation. My rotation would not have occurred until next year but Mr. Dorsey had only come on the Board a short while before he would have been required to take over on the basis of the traditional rotation. And, accordingly, he asked me (he was supported by the other members on the Board) to serve this year. It has been my pleasure to serve in Mr. Dorsey's stead, and I trust that Mr. Dorsey has been satisfied with my performance. I consider that Mr. Dorsey was the first one whom I had to satisfy because I was substituting for him. I consider that the principal is always the one first to be satisfied by the substitute. So during this year, Mr. Dorsey, I have substituted as Chairman of this Board for you, and I only hope that in due course you will yourself serve as Chairman.

I don't know that there is anything else I need to say except that on the basis of the rotation the Chairmanship would go to Mr. Eckley and, accordingly, it will be my esteemed privilege and high honor to nominate for Chairman of this Board Mr. Frederick R. Eckley, a distinguished citizen, a distinguished member of the University community, a distinguished member of the economic community of this nation, and a man who is entitled to congratulations for having recently been named the 'Man of the Year' by The Ohio State University Alumni Association of Cleveland. I think it is fortuitous that the new Chairman is from Cleveland where the new President, who will be there for another few months, will have ready access to the Chairman of the Board as it has been my good fortune to have ready access to the President of the University, Novice Fawcett.

And, accordingly, I nominate Mr. Frederick R. Eckley for Chairman of our Board; for Vice Chairman I will nominate Mr. John H. Dunlap, a member of our Board who has served us nobly and has served this University nobly; for Secretary I will nominate Dr. Edward Q. Moulton; and for Treasurer, Mr. Ernest W. Leggett.

There were no other nominations. Mr. Harrod seconded the motion. Motion was passed with a majority of a quorum voting in favor of the motion, Messrs. Eckley and Dunlap abstained.

Mr. Dorsey said:

I would just like to say that I fully approved of your performance, Mr. Shocknessy, in my behalf and I consider you a very adequate substitute.

Mr. Shocknessy said:

Remember that I also said that I hope you will yourself serve in due course on rotation as the Chairman of this Board.

May 5, 1972 meeting, Board of Trustees

Mr. Shocknessy's statement (continued)

So I've enjoyed my year as Chairman of the Board and as I said before, I believe that one of the most important matters that is ever to come before a Board came before this one during the year. I feel that the Board handsomely fulfilled its responsibility in choosing a President. I believe the Board acquitted itself very well and I only offer as proof, but I do offer it as proof, the acceptance of the Board's work in naming a new President--the acceptance which the journalistic community of this state has given and which everyone of us has felt, and the appointment of Dr. Enarson has been practically acclaimed every place any of us has been. I have yet to receive a letter objecting to the appointment and I have had loads approving it. So in conclusion I'll say that I expect to remain on this Board as a member and to support the new Chairman with every ounce of energy that I have as long as I'm on the Board. I won't promise that I'll stay for the total of my term as it remains. I've served seven rugged years but I'll still stay as a member of this Board at least, God willing, for the remainder of President Fawcett's tenure and if I choose to retire from this Board after that I will give ample notice to the Governor and to the Chairman and members of the Board. So I don't think I have anything further to say except thank you to everybody, not merely to the members of the Board but to the President and to the Secretary and to the whole administration for the support that I received as Chairman and for the association which I have enjoyed in the seven years I have been a member of the Board.

President Fawcett paid Mr. Shocknessy the following tribute:

Mr. Chairman and Members of the Board: There is not an adequate way to express appropriately this University's appreciation for the services of any Board member, and particularly for the services of the Chairman who by virtue of that role must be more knowledgeable of many problems than other members of the Board in order to fulfill his duties in conformity with the law. Consequently, since this is a kind of graduation in one sense of the word for a Chairman, we have taken it upon ourselves without seeking any consultation or action by members of the Board to develop what I guess I could describe as a diploma marking the completion of your service as Chairman and in recognition of the great support you rendered to this institution. I want to share with all members of the Board and all others present this diploma. (See page 544 for text.)

Mr. Shocknessy responded to President Fawcett's tribute for his service:

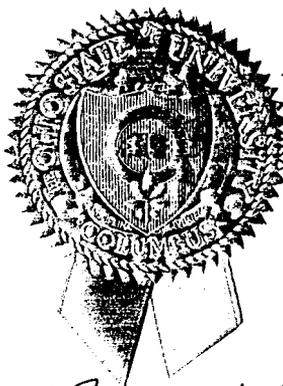
This is just one more bit of kindness that I've had from you and one more bit of recognition that I've had from this Board and this University, which I've said before I acquired by its adoption of me. Unlike other members of this Board I wasn't nurtured by this University as a loving mother but this University has been very kind to me and as an adopted son of the University I feel as close as a natural son as often happens with adopted children.

The Board of Trustees recessed following President Fawcett's presentation and the Board of Control was convened.

# The Ohio State University

In recognition of outstanding service as Chairman of the Board of Trustees of The Ohio State University during one of the most significant years in the University's history and as a distinguished and dedicated servant to this University's educational heritage, the Board of Trustees, administration, faculty, staff, and students convey deep appreciation to

## James White Shocknessy



In grateful acknowledgement this certificate is presented at The Ohio State University on the fifth day of May in the year of our Lord nineteen hundred seventy-two and of the University the one hundred and third.

*Noel H. Lawitt*  
PRESIDENT OF THE UNIVERSITY

*Debra J. Moulton*  
SECRETARY OF THE BOARD OF TRUSTEES

May 5, 1972 meeting, Board of Trustees

The Board of Trustees reconvened following the recess.

REPORT BY CHAIRMAN

A. Concerned Farmers of Carroll County

Mr. Shocknessy reported as follows:

We've all received a request from 'concerned farmers of Carroll County' about a matter in that County with respect to an Extension Agent and we received a letter also from the Board of County Commissioners of that County. Not having been able up to this time to look into the matter fully, if it is agreeable with the Board, I would ask the President to look into the matter of the inquiry which was in the letter and to advise the Board at his earliest convenience and the Secretary can advise the Commissioners and the concerned farmers that we have adverted to the matter and that we shall consider it further and they will either hear from us or from the President or from the Secretary in our behalf.

B. The Ohio State University Monthly

Mr. Shocknessy made the following statement:

I want to be sure that the minutes indicate that this Board congratulated the incoming Chairman on his being named 'Man of the Year' by the Alumni in Cleveland. I also want once again to congratulate The Ohio State Monthly. Dr. Mall and Mr. Tate have been assiduous in keeping the Alumni Association and those who receive the Monthly fully advised of the search for the President and in the latest issue which it was my pleasure to read yesterday and the day before, the matter was nicely rounded out and I've already called Mr. Tate and told him that I was very pleased with the way the matter had been rounded out by the Monthly and I'm sure the Association benefits by it. I used the February issue as an authority many times. In fact there is a distinguished journalist in this room whom I won't mention by name to whose attention I directed that Monthly a couple of months ago when he asked me for information. I said there is no better place to go than to the February issue of the Monthly because that brought it up to date. So the last time I'm in this Chair on this term I want again to say that the Monthly has supported the Board and the University very competently during this period.

- o -

May 5, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty

The Faculty Council on April 11, 1972, approved changes in Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty. (See Appendix IX, page 575.)

1. Section c of Rules 31.0701 and 31.0703 is revoked in each Rule to delete the University graduation requirement of health education.
2. The words "Health Education" in Section 2 of Rule 31.0705 are deleted to conform with the deletion of this requirement in Rules 31.0701 and 31.0703.
3. In Rule 35.07 the word "Hygiene" is deleted in the marks "T" and "X". The words "Health Education" are deleted in (a) of the "PA/NP - Pass/Non-Pass" mark.

President Fawcett recommended that the action of the Faculty Council be approved.

B. Change Name of Department of Industrial Engineering to Department of Industrial and Systems Engineering

Upon the recommendation of the Council on Academic Affairs, the Faculty Council on April 11, 1972, approved the change of name of the Department of Industrial Engineering to Department of Industrial and Systems Engineering.

This new undergraduate program has been developed as a result of numerous consultations with students and faculty to enable students to pursue a broader range of professional objectives. Four specific programs in addition to the existing basic industrial engineering curriculum are available within this new program--manufacturing systems engineering, man-machine systems engineering, management systems engineering, and operations research. The proposed modification in the departmental name reflects more accurately the current terminology for the programs of instruction and research presently being conducted in the Department.

President Fawcett recommended that the name change as approved by the Faculty Council be adopted, effective Summer Quarter 1972.

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendations by unanimous voice vote, and the Secretary of the Board was further instructed and given authority to make the changes as specified above in the next printing of the Rules for the University Faculty.

May 5, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Honorary Degrees

The Faculty Council on April 11, 1972, approved awarding honorary degrees to the following recipients:

J. Englebert Dunphy	Doctor of Science
Joseph Howard Koffolt	Doctor of Science
Alan Gregory Loofbourrow	Doctor of Science
Mohinder Singh Randhawa	Doctor of Letters

Pursuant to Rule 29.15, President Fawcett recommended that the honorary degrees, as specified, be conferred at an appropriate future Commencement agreeable to the University and the recipients.

It was recommended further under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board that the Doctor of Laws be conferred on Armin H. Meyer, recent United States Ambassador to Japan, at the June 9, 1972 Commencement.

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

D. Revision of Rule 43.11 of Rules for the University Faculty

In enacting the appropriation in support of higher education (Amended Substitute House Bill 475), the 109th General Assembly incorporated within this action specific restrictions on the authority of state universities in granting instructional and general fee waivers. The text of H. B. 475 pertaining to fee waivers is as follows:

After June 15, 1972, the board of trustees or the board of directors of a state-assisted institution of higher education shall not authorize a waiver or nonpayment of instructional fees or of general fees for any particular student or any class of students other than waivers specifically authorized by law. This prohibition is not intended to limit the authority of boards of trustees or of boards of directors to provide for payments to students for service rendered the institution nor to prohibit the budgeting of income for staff benefits or for student assistance in the form of payment of such instructional and general fees.

In order that this University may be in full compliance with this legislation, it is necessary that substantial modification of the existing University regulations and procedures be authorized by the Board.

May 5, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Revision of Rule 43.11 of Rules for the University Faculty (continued)

To effect these changes, it was recommended that Rule 43.11 be revised to provide for these modifications (see Appendix X, page 579). This revised rule basically eliminates the concept of fee waivers, defines the specific categories for which fee payments may be authorized, and establishes a charge back system to the departments and programs which authorize such payments.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the April 7, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Kenneth W. Reisch from Professor in the Department of Horticulture to Associate Dean of the College of Agriculture and Home Economics, effective September 1, 1972, at a salary of \$23,808.00 per annum. He will continue to hold an academic appointment as Professor in the Department of Horticulture.

Charles E. Corbato from Professor in the Department of Geology to Professor in and Chairman of the Department of Geology and Mineralogy, effective July 1, 1972, at a salary of \$24,288.00 per annum.

Philip W. Murdick from Professor in the Department of Veterinary Clinical Sciences to Professor in and Chairman of the Department of Veterinary Clinical Sciences, effective immediately, at a salary of \$25,728.00 per annum.

William E. Nelson from Acting Chairman of the Black Studies Division (part time - 60 percent) and Assistant Professor in the Department of Political Science (part time - 40 percent), to Chairman of the Black Studies Division (part time - 60 percent) and Associate Professor in the Department of Political Science (part time - 40 percent), effective July 1, 1972, at a salary of \$21,048.00 per annum.

May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointment

David S. Bloomfield, Chief Hearing Officer, effective immediately.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Kaye F. Bartlett, Instructor (Area Extension Agent, Community Resources Development) Washington C. H. Area Center, effective April 1, 1972 through May 31, 1972, to participate in a program of professional improvement at The Ohio State University.

Howard M. Bennington, Instructor (County Extension Agent, Agriculture) Harrison County, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at Ohio University.

Joseph P. Brown, Instructor (County Extension Agent, Agriculture) Knox County, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

Robert H. Groves, Instructor (Area Extension Agent, 4-H) McConnellsville Area Center, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

John D. Rohrer, Instructor (Area Extension Agent, Community Resource Development) Canfield Area Center, effective March 16, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

John B. Hough, Professor, College of Education, effective April 1, 1972 through June 30, 1972, for advanced study.

Arthur W. Leissa, Professor, Department of Engineering Mechanics, effective October 1, 1972 through September 30, 1973, to accept a Visiting Professorship, at Eidgenossische Technische Hochschule, Zurich, Switzerland.

May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Raphael D. Levine, Professor, Department of Chemistry, effective January 1, 1972 through March 31, 1972, to serve as a Visiting Professor at Hebrew University in Jerusalem.

Donald R. Washington, Professor, Department of Civil Engineering, effective July 1, 1972 through June 30, 1973, to continue as Director, Field Service Office for Puerto Rico and the U. S. Virgin Islands for the Environmental Protection Agency.

Harold A. Hovey, Associate Professor, College of Administrative Science - Public Administration, and Department of Economics, effective October 1, 1972 through September 30, 1973, to continue as Director of Finance, State of Ohio.

Guido Mislin, Associate Professor, Department of Mathematics, effective October 1, 1972 through June 30, 1973, to spend a year at the ETH in Zurich, Switzerland.

Jacob W. Old, Associate Professor, Department of Pathology, effective July 1, 1972 through June 30, 1973, for personal reasons.

Fredos Papangelou, Associate Professor, Department of Mathematics, effective October 1, 1972 through September 30, 1973, to continue teaching at the University of Gottingen, Gottingen, Germany.

John C. Weicher, Associate Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to serve as staff economist with the Office of Economic Opportunity in Washington, D. C.

Joseph K. Davidson, Assistant Professor, Department of Mechanical Engineering, effective October 1, 1972 through September 30, 1973, to spend a year working in industry to enhance his background for teaching.

Richard D. Porter, Assistant Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to continue his position with the Board of Governors of Federal Reserve Bank, Washington, D. C.

Shashikala A. Gogate, Instructor, Department of Pathology, effective February 1, 1972 through February 13, 1972, for personal reasons.

May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

Leonard Bayer, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1972.

Katharine A. Brownell, Department of Physiology, with the title Professor Emeritus, effective July 1, 1972.

Donald P. Cottrell, College of Education, with the title Professor Emeritus, effective September 1, 1972.

Sydney N. Fisher, Department of History, with the title Professor Emeritus, effective September 1, 1972.

Dale V. Gilliland, School of Music, with the title Professor Emeritus, effective July 1, 1972.

Harold J. Grimm, Department of History, with the title Professor Emeritus, effective July 1, 1972.

Preston M. Harris, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1972.

Franklin H. Knowler, Department of Speech Communication, with the title Professor Emeritus, effective September 1, 1972.

Fred R. Schlessinger, College of Education, with the title Professor Emeritus, effective July 1, 1972.

Oskar Seidlin, Department of German, with the title Professor Emeritus, effective July 1, 1972.

Laurence N. Connor, Department of English, with the title Instructor Emeritus, effective July 1, 1972.

Alice D. Edwards, Department of English, with the title Instructor Emeritus, effective July 1, 1972.

President Fawcett recommended that the Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(March 18, 1972 - April 12, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	11	\$ 339,676.00
Industrial and Other Research	5	41,159.00
<u>Grants</u>		
Government Research - Federal	22	715,640.00
Industrial and Other Research	<u>1</u>	<u>12,760.00</u>
Totals	39	\$1,109,235.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #13 - Department of Veterinary Pathology).  
Gross Value - \$26,210.00.
- b. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-A1 - Mod. #3 - Department of Metallurgical Engineering).  
Gross Value - \$32,000.00.
- c. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Absorption Studies in the 5 Micron Band (to be known as Project No. 3271-A1 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$65,000.00.
- d. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Studies (to be known as Project No. 3401-A1 - New - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- e. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Regional Procurement Training (to be known as Project No. 3414-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$3,480.00.
- f. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Stress Corrosion Cracking of Titanium and Titanium Base Alloys and Aqueous and Gaseous Media (to be known as Project No. 3418-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$46,000.00.
- g. Department of Air Force, Air Force Systems Command, Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, Investigation of the Multifrequency Radar Reflectivity of Radar Targets for Improved Target Identification (to be known as Project No. 3424-A1 - New - Department of Electrical Engineering).  
Gross Value - \$30,000.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of Navy, Office of Naval Research, Arlington, Virginia, Combinatorial Systems (to be known as Project No. 3430-A1 - New - Department of Mathematics'.  
Gross Value - \$54,000.00.
- i. Department of Health, Education and Welfare, Office of the Secretary, Washington, D. C., Plan and Arrange a National Conference on the Legal Rights of the Mentally Retarded (to be known as Project No. 3431-A1 - New - College of Law).  
Gross Value - \$8,990.00.
- j. Department of Navy, Naval Air Systems Command, Washington, D. C., Adaptive Arrays: AJ Protection in Advanced Communications System (to be known as Project No. 3433-A1 - New - Department of Electrical Engineering).  
Gross Value - \$24,996.00.
- k. Department of Interior, National Park Service, Northeast Region Office, Philadelphia, Pennsylvania, National Landmark Evaluation Reports (to be known as Project No. 3437-A1 - New - Department of Zoology).  
Gross Value - \$9,000.00.

TOTAL - Government Contracts - Federal \$339,676.00

2. Industrial and Other Research Contracts

- a. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Analysis (to be known as Project No. 3372-B1 - New - College of Education).  
Gross Value - \$6,585.00.
- b. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Design (to be known as Project No. 3372-C1 - New - College of Education).  
Gross Value - \$5,017.00.
- c. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction I (to be known as Project No. 3372-D1 - New - College of Education).  
Gross Value - \$9,850.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- d. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction II (to be known as Project No. 3372-E1 - New - College of Education).  
Gross Value - \$9,850.00.
- e. Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio, The Effects of an Antihistamine - Decongestant Preparation on the Manifestations of Allergic Rhinitis (to be known as Project No. 3400-A1 - New - Department of Preventive Medicine).  
Gross Value - \$9,857.00.

TOTAL - Industrial and Other Research Contracts \$41,159.00

3. Government Research Grants - Federal

- a. 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 (to be known as Project No. 1196-3L - Revised Award Dtd. 3/20/72 - Department of Medicine).  
Gross Value - \$12,776.00.
- b. Environmental Protection Agency, Office of Air Programs, Washington, D. C., Mechanisms of Photochemically Initiated Oxidation (to be known as Project No. 1220-K - Sup. #1 - Department of Chemistry).  
Gross Value - \$10,013.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds (to be known as Project No. 1809-G - Ext. #8 - Department of Chemistry).  
Gross Value - \$16,765.00.
- d. 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 (to be known as Project No. 1820-H - Ext. #8 - Department of Chemistry).  
Gross Value - \$60,950.00.
- e. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - NSF Ltr. Dtd. 3/31/72 - Department of Physics).  
Gross Value - \$100,000.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- f. 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 (to be known as Project No. 2791-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$23, 776. 00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Yaba Virus Oncogenesis Immunologic and Viral Factors (to be known as Project No. 2899-B - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$39, 531. 00.
- h. National Science Foundation, Washington, D. C., Finite Group Theory (to be known as Project No. 3018-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$15, 000. 00.
- i. Environmental Protection Agency, Water Quality Office, Washington, D. C., Toxicity of Selected Metals to Conditioned Fish (to be known as Project No. 3065-A2 - Grant Dtd. 8/12/71 - Department of Preventive Medicine).  
Gross Value - \$61, 894. 00.
- j. Environmental Protection Agency, Water Quality Office, Washington, D. C., Toxicity of Selected Metals to Conditioned Fish (to be known as Project No. 3065-A1 - Sup. #1 - Department of Preventive Medicine).  
Gross Value - \$1, 359. 00.
- k. National Science Foundation, Washington, D. C., Metal Complexes of Linear and Macrocyclic Tetradentate Ligands (to be known as Project No. 3225-A1 - NSF Ltr. Dtd. 3/31/72 - Department of Chemistry).  
Gross Value - \$41, 500. 00.
- l. National Science Foundation, Washington, D. C., Class Groups of Global Fields (to be known as Project No. 3227-A1 - NSF Ltr. Dtd. 3/31/72 - Department of Mathematics).  
Gross Value - \$6, 400. 00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- m. National Science Foundation, Washington, D. C., Dynamics of Insect-Mediated Breeding Systems in Angiosperms (to be known as Project No. 3238-A1 - NSF Ltr. Dtd. 2/28/72 - Institute of Polar Studies).  
Gross Value - \$15,400.00.
- n. Department of Health, Education and Welfare, Office of Education, Washington, D. C., An Experiment in the Use of Drawing to Promote Cognitive Development in Disadvantaged Pre-School Children in Israel and the United States (to be known as Project No. 3409-A1 - New - College of Education).  
Gross Value - \$100,599.00.
- o. National Science Foundation, Washington, D. C., Student-Originated Studies-Building Materials from Recycled Glass, Ceramics, Paper, and Plastics (to be known as Project No. 3421-A1 - New - Department of Ceramic Engineering).  
Gross Value - \$9,970.00.
- p. Department of Health, Education and Welfare, Office of Education, Region V, Chicago, Illinois, A Continuation of the Study of the Development of the Skill of Questioning by Prospective Secondary School Science Teachers (to be known as Project No. 3422-A1 - New - College of Education).  
Gross Value - \$4,583.00.
- q. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Symposium Devoted to the Consideration of the Effects of Pharmacologic Agents on the Neuroendocrine Process that Regulates the Secretion of Hormones (to be known as Project No. 3423-A1 - New - Department of Pharmacology).  
Gross Value - \$8,000.00.
- r. Department of Health, Education and Welfare, Office of Education, Region V, Chicago, Illinois, A Study of the Types of Adult Education Existing in America for the Black Man 1860-1880 (to be known as Project No. 3425-A1 - New - College of Education).  
Gross Value - \$7,924.00.
- s. National Science Foundation, Washington, D. C., Research Initiation - Noninvasive Measurement of Physiological Flow Parameters (to be known as Project No. 3427-A1 - New - Department of Engineering Mechanics).  
Gross Value - \$20,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- t. National Science Foundation, Washington, D. C., A Study of Relaxation, Diffusion, and Polarization in the Solid Hydrogens (to be known as Project No. 3428-A1 - New - Department of Physics).  
Gross Value - \$37,200.00.
- u. National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals (to be known as Project No. 3436-A1 - New - Department of Physics).  
Gross Value - \$40,000.00.
- v. National Science Foundation, Washington, D. C., Equipment Grant - for the Perkins 72-inch Telescope at Flagstaff (to be known as Project No. 3438-A1 - New - Department of Astronomy).  
Gross Value - \$82,000.00.

TOTAL - Government Research Grants - Federal \$715,640.00

4. Industrial and Other Research Grant

- a. National Tuberculosis and Respiratory Disease Association, New York, New York, Cellular Immunity in Sarcoidosis (to be known as Project No. 3426-A1 - New - Department of Medicine).  
Gross Value - \$12,760.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

(Period: March 21, 1972 - April 12, 1972)

	No. of Projects	Gross Value
Industrial Research Contract	1	\$1,460.00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Industrial Research Contract

EES 413X Study of Stream Separator Forces, Pennsylvania  
Separators Company, Brookville, Pennsylvania.  
Gross Value - \$1,460.00.

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: March, 1972)

<u>Grants</u>		
Office of Finance and Treasurer		\$856,313.00
<u>Gifts</u>		
The Ohio State University Development Fund		
	Number of Gifts	Amount
Alumni	589	\$ 69,503.37
Individuals Other than Alumni	272	52,329.39
Business Concerns	33	173,097.60
Foundations and Nonprofit Organizations	<u>72</u>	<u>122,819.15</u>
Totals	966	\$417,749.51

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$163,042.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Preparing Leadership Personnel in School Psychology, under the direction of the College of Education, for the period ending August 31, 1973. (Grant No. OEG-0-70-4214, Revision No. 4)
2. \$95,915.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Academic Year Institute: R & D Personnel Training Personnel, under the direction of the College of Education, for the period March 1, 1972 through August 31, 1973. (Grant No. OEG-0-72-1247)
3. \$95,472.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in Brazil, under the direction of the College of Agriculture and Home Economics, for the period January 1, 1972 through March 31, 1972. (Contract No. AID/1a-161)
4. \$95,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in India, under the direction of the College of Agriculture and Home Economics, for the period April 1, 1972 through June 30, 1972. (Contract AID/nesa-147-India)
5. \$79,360.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T12 CA08110-07)
6. \$76,331.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for In-Service Program in Reading, as amended, to the College of Education, for the period December 31, 1972 through December 31, 1973. (Grant No. OEG-0-70-2057, Revision No. 6)
7. \$75,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for National Conference on Career Education for Deans of Education and Professors of Educational Administration, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1972 through June 30, 1972. (Grant No. OEG-0-72-0055)
8. \$41,550.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in India, under the direction of the College of Agriculture and Home Economics, for the period April 1, 1972 through June 30, 1972. (Contract AID/nesa-148-India)

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$30,040.00 granted by National Science Foundation, Washington, D. C., to the University for support of Undergraduate Research Participation, under the direction of the Department of Chemistry. This grant expires on May 31, 1973. (Grant GY-9803, Proposal No. 2/4417)
10. \$29,469.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Energy Conversion in Primary Bio-Photoprocesses, for a Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 GM21946-09)
11. \$25,080.00 granted by National Science Foundation, Washington, D. C., to the University for support of Undergraduate Research Participation, under the direction of the College of Pharmacy. This grant expires on May 31, 1973. (Grant GY-9978, Proposal No. 2/4343)
12. \$17,624.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Facilitating Career Education Through Career Development Program Specialists, under the direction of the Center for Vocational and Technical Education, for the period June 28, 1971 through August 31, 1972. (Grant No. OEG-0-71-4553, Revision No. 2)
13. \$15,090.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Physiology - Training Grant, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 HL94659-08)
14. \$7,840.00 granted by the Ohio Bureau of Employment Services, Columbus, Ohio, to the University for instruction of 35 supervisors of the Bureau of Employment Services, under the direction of the College of Administrative Science, Division of Continuing Education. This grant terminates on June 16, 1972.
15. \$7,500.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Professional Nurse Traineeship - Training Grant, under the direction of the School of Nursing, for the period September 1, 1971 through August 31, 1972. (Grant No. 3 A11 NU00029-15S2)
16. \$2,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of the U. S. Loan Program for Cuban Students, under the direction of the Office of Student Financial Aids, for the period April 1, 1972 through June 30, 1972. (BHE DSA CLP)

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund

1. \$52,503.00 from The John A. Hartford Foundation, Inc., New York, New York, for The John A. Hartford Foundation pancreas ulcer tumor research.
2. \$22,648.59 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
3. \$13,800.00 from The Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
4. \$12,900.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
5. \$12,000.00 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.
6. \$10,000.00 from the Estate of Melvin E. Moffitt, San Antonio, Texas, as an unrestricted bequest to the University.
7. \$10,000.00 from G. D. Searle and Company, Chicago, Illinois, for its research fund in gastroenterology.
8. \$10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, to support the Lamme Power Systems Laboratory under the direction of the Department of Electrical Engineering.
9. \$8,100.00 from The Yassenoff Foundation, Columbus, Ohio, to support funds of the various colleges.
10. \$6,185.00 from The Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
11. \$6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
12. \$5,022.00 from the African-American Institute, New York, New York, for its fellowship fund.
13. \$4,650.00 from friends, colleagues, and former teammates of Jack W. Stephenson--\$3,150.00 for the establishment of Jack W. Stephenson Scholarship and \$1,500.00 for the establishment of the Jack W. Stephenson "Tackle of the Year" Award.

Jack W. Stephenson Scholarship

The Jack W. Stephenson Scholarship was established May 5, 1972, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from friends, colleagues and

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. Jack W. Stephenson Scholarship (continued)

former teammates, in memory of Jack W. Stephenson, Edu. w '42, late of Marion, Ohio, and Grosse Pointe, Michigan, and President of the College of Administrative Science's Pace Setters at the time of his death June 29, 1971.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 award a scholarship to an outstanding student in the College of Administrative Science. The recipient is to be selected upon the recommendations of the Pace Setters and the Dean of the College of Administrative Science.

Should the College of Administrative Science and the Pace Setters organization cease to exist through any reorganization of the University, then the scholarship is to be awarded upon the recommendations of the appropriate administrative official of the University who is then directly responsible for business education.

Jack W. Stephenson "Tackle of the Year" Award

The Jack W. Stephenson "Tackle of the Year" Award was established May 5, 1972, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from friends, colleagues and former teammates, in memory of Jack W. Stephenson, Edu. w '42, late of Marion, Ohio, and Grosse Pointe, Michigan, and Captain of the 1941 Varsity Football Team.

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

The annual income is to be used to provide a trophy to the best tackle on the Varsity Football Team. The award is to be made at the conclusion of each football season. The winner of the award is to be selected by the Varsity Football coaching staff.

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

1. A gift of equipment for the Departments of Electrical Engineering and Aeronautical and Astronautical Engineering from McDonnell-Douglas Aircraft Company, St. Louis, Missouri.
2. A gift of Thurber literary material to be added to the Thurber Library from Mrs. James Thurber, West Cornwall, Connecticut.

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. University College, Building No. 1

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3, 011, 447. 00	\$3, 009, 417. 70	(\$2, 029. 30)

Various revisions and deletions were made to the site work since it would be more advantageous to coordinate the work during construction of University College, Buildings No. 2 and No. 3.

The credit on this contract has been reflected in HB 949, Item 315-037, HB 886, HB 828, and Budget Account 801175.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the above extra and credit order to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

May 5, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

A. University College - Building No. 13

This two story plus basement building is to be located on the West Campus and is designed to provide facilities for introductory courses in astronomy, geology, mathematics, physics, political science, psychology, and theater to students in the University College.

Funds for this project will be provided in HB 988, Item 315-067, HB 531, Item 315-067, SB 457, Item 315-067 (Pending Appropriation Act), Board of Regents.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the above recommendation was approved by unanimous roll call vote, and is contingent upon a pending appropriation action. If the pending action is approved, the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Airport Buildings--Hangars No. 1, No. 2, and No. 3, Repair to Roof (3160 Case Road)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 4-10-72)		
Earl E. Bright, Inc. (Columbus)	\$21,165.00	\$ 81,600.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Means Hall--Roof Repairs 1972

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 4-10-72)		
Earl E. Bright, Inc. (Columbus)	\$42,226.00	\$119,600.00

Funds for this project have been provided from Budget Account 801255 (Means Hall Roof).

May 5, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Roadway Repairs 1972--Roads South of  
Agricultural Administration Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 4-14-72) The Floyd H. Baker Corp. (Columbus)	\$24,421.87	\$ 38,100.00

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

D. Optometry Building--Improvements to Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u> (5 bids received 4-17-72) R. E. Eversole (Columbus)	\$13,050.00	\$ 16,000.00

<u>Electrical Contract</u> (6 bids received 4-4-72) L. Paul Miller Electric Co. (Lancaster, Ohio)	<u>\$ 1,751.00</u>	<u>\$ 3,000.00</u>
--	--------------------	--------------------

<u>Total All Contracts</u>	<u>\$14,801.00</u>	<u>\$ 19,000.00</u>
----------------------------	--------------------	---------------------

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

E. Brown Hall--Heating and Ventilating System Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u> (4 bids received 4-26-72) Farber Corporation (Columbus)	\$37,300.00	\$ 45,000.00

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

F. Physical Education Building--Roof Repairs 1972  
(377 West 17th Avenue)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (7 bids received 4-26-72) Edward A. Werner (Columbus)	\$16,545.00	\$ 28,000.00

May 5, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

F. Physical Education Building--Roof Repairs 1972  
(377 West 17th Avenue) (continued)

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

G. Undergraduate Library and Service Center (Joseph Sullivant  
Hall) - 13.2 KV Primary Distribution System Extension

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Primary Distribution Contract</u>		
<u>(6 bids received 4-27-72)</u>		
Jess Howard Electric Co. (Columbus)	\$88,447.00	\$110,000.00

Funds for this project have been provided from Budget Account 801095  
(Undergraduate Library).

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth George Hornung, Professor in the Department of Mechanical Engineering, and John Bradford Titchener, Professor Emeritus in the Department of Classics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Kenneth George Hornung

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 4, 1972, of Kenneth George Hornung, Professor in the Department of Mechanical Engineering.

Dr. Hornung was born in New Bavaria, Ohio, on May 3, 1927. After a short period in the U. S. Army in which he attained the grade of Sergeant, he entered The Ohio State University from which he earned three degrees, the combined baccalaureate and master's in Mechanical Engineering in 1952, and the doctorate in 1959. His dissertation was entitled "Factors Influencing the Fatigue Characteristics of Rubber-Textile Machine Elements."

May 5, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Kenneth George Hornung (continued)

For a time in 1952 he worked for Robbins and Myers, Incorporated, before he returned to the University to continue his education. He served as Research Associate or Instructor until 1959 when he joined the faculty of the Department of Mechanical Engineering as Assistant Professor. He was promoted to Associate Professor in 1963, and to Professor in 1967.

Dr. Hornung served as a consultant to several industrial companies. His primary teaching area was in design where he taught all related courses and established some on his own accord. He served on many important committees of his Department and College and the philosophies of engineering education he expounded will live long in the minds of his students and conferees.

Dr. Hornung was a licensed professional engineer in Ohio, a member of the honorary societies Pi Tau Sigma, Tau Beta Pi, Pi Mu Epsilon, and Sigma Xi. He was listed in American Men of Science, Who's Who in American Education and Who's Who in the Midwest. He was a member of many professional societies and active in the American Society of Mechanical Engineers and the American Society for Engineering Education. He published many technical papers and was a much sought after advisor to graduate students. He was a member and deacon of the Dublin Community Church.

Dr. Hornung exemplified to the fullest the combination of distinguished teacher, understanding advisor, expert scientist and engineer, and valued associate.

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.

B. John Bradford Titchener

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 9, 1972, of John Bradford Titchener, Professor Emeritus in the Department of Classics.

Dr. Titchener was born in Ithaca, New York, on January 2, 1898. He was graduated with the Bachelor of Arts degree from Clark College in 1917. He earned the Master of Arts degree in 1921 and the Doctor of Philosophy degree in 1923 from the University of Illinois. From 1917 to 1919 he served first in the Ambulance Service of the French Army and later in the United States Army.

May 5, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. John Bradford Titchener (continued)

From 1923 until 1925 Dr. Titchener was Instructor in Greek at the University of Michigan, and in 1925 he became Instructor in Classical Languages at Harvard University, being promoted to Assistant Professor in 1927. He was appointed Assistant Professor in Classical Languages at The Ohio State University in 1930, becoming Associate Professor in 1933, and Professor in 1939. From 1931 until 1934 he was Acting Chairman of the Department of Classical Languages and became Chairman in 1934, a position which he held until 1966. He retired from the department in 1968 and was appointed Professor Emeritus.

In 1934 Professor Titchener held a Visiting Professorship at Stanford University. In 1960-61 he was Fulbright Lecturer and Visiting Professor at the University of Melbourne and in 1968-69 Visiting Lecturer at the University of Sydney.

Dr. Titchener was active in local, regional, and national Classical associations, including the American Philological Association and the Classical Association of the Middle West and South. In his long tenure of the Chairmanship of the Department of Classical Languages he developed the graduate program in Classics and pioneered the undergraduate programs in the teaching of Classics in English. He worked closely with Classics teachers throughout Ohio, developing a continuing cooperation between the department and the secondary schools. In the area of classical scholarship he was especially distinguished for his studies in textual criticism and in the poetry of Horace, and he edited part of the text of Plutarch in the Teubner series. He was an expert on primitive art and during his visits to Australia and the South Pacific he collected pieces of the primitive art of the area for the Columbus Gallery of Fine Arts.

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.

\*

\*

\*

Mr. Shocknessy called on Mr. Dorsey for a report from the Retirement and Insurance Committee. Before making this report and recommendation, Mr. Dorsey made the following statement:

Before I present this recommendation, since this seems to be a day of expression of appreciation I, too, would like to express my appreciation for all of the kind things that have occurred to me since I became associated with this University, particularly the privilege of serving as a member of this Board. Since it appears quite likely that my term is ending today, I want to make sure that my thoughts on this association

May 5, 1972 meeting, Board of Trustees

Mr. Dorsey's statement (continued)

are recorded. Never in my wildest dream when I was a student at this University did I ever think that I would ever have the privilege of serving in such a high capacity. I have a lot of friends who like to play practical jokes on me just because I'm such a sweet, lovable guy. So when the Governor's secretary called me and asked if I would accept the position as a member of the Board of Trustees I thought this was one of my friends playing a practical joke on me. To check, however, I called my friend, Dick Mall, since I was serving on the Alumni Board at that time. Dick assured me that it was not a practical joke. This has really been a fantastic experience for me. I have come to know some very great men who serve on the Board of Trustees and who serve in the administration of this University and are in my view truly dedicated to the best interests of this University. The view from the inside is very different from the view from the outside. People often criticize these men for their actions and while sometimes the criticism is warranted since I have been a part of this procedure I am firmly convinced that these men are acting in the best interest of the University. I wanted to express my appreciation for being a part of this process. And you may be assured that I will continue to serve this University in anyway I can. I believe that it is a great University, in my estimation one of the best.

Mr. Shocknessy responded to Mr. Dorsey's statement:

On behalf of this Board I will respond to you and say that your service has been without parallel. You have had some agonizing votes to cast, and you looked at them thoughtfully and fearlessly and cast your votes. I can say that I personally and every member of our Board has enjoyed serving with you and have great respect not merely for you as a person and as a human being but as a man with a 'good head.' You have a 'good head' and a 'good heart' and we have liked serving with you. As I said a while ago, I would hope that you would have an opportunity to serve as Chairman of this Board in your own right. I was not saying it vainly. I said it because I mean it. Bob, I hope that your inference, if that is what it is, that you will not be back another term is not correct because you have served well and it takes a while for a member on this Board to become fully assimilated by the Board and I think it is too bad to lose as a member a man who has just been fully assimilated. I hope that you will continue as a member and whether you do or not you will have the lifelong satisfaction and your family will have the lifelong satisfaction of knowing that you gave great service--selfless, good, constructive service to this University. I wish that there were more that I could say; I wish that there were more that I could do to make effective what I would wish and what I am sure the members of this Board wish. Many times the President has expressed his gratitude to you for the service you gave. I know how the President feels and I know we all feel that you have been a fine member of this Board.

May 5, 1972 meeting, Board of Trustees

Mr. Dunlap made the following statement:

I'm not given too much to oratory but I do want to say two things, first about Bob Dorsey--he has been a great member of this Board. I really think that he has more 'stuff' than most anybody here. I like him as a Board member but more than that I admire him as a man. And I, too, hope he is given an opportunity to continue his service on this Board. I also want to say something about our retiring Chairman--I think that he has done a remarkable job. I only wish I had the powers to express myself as he and some of the rest of you do. Some of us, as the Chairman said earlier, were nurtured by the University. We have deep ties here, but Jim did not go to school here, yet he has served this University with the same or more ardor and devotion, than a great many people who did graduate from the University. And, speaking just for myself, I want to say that I do not think that we have ever had a better Chairman than Jim and I do not think we have ever had a better Board member than Bob.

- o -

IX. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Dorsey, a member of the Retirement and Insurance Committee, presented the following report and recommended that The Ohio State University Student Health Insurance Program for the 1972-73 policy year be made available to all students at the same quarterly premium rates and including the improved coverages as outlined in a detailed statement which is filed with the official records of the Board of Trustees. The Student Health Insurance coverage as recommended by the Subcommittee on Student Insurance and endorsed by the Council on Student Affairs and approved by the consultant on student insurance is in accordance with the existing renewal agreement with the Continental Casualty Insurance Company which expires on September 30, 1973.

	<u>Quarterly Premium Rates</u> <u>1972-73 Year</u>
Student	\$14
Student and Spouse	28
Student, Spouse, and All Children	46
Student and Dependent Child or Children	28

The Subcommittee on Student Insurance and the Council on Student Affairs recommended that the current contract be renewed including the recommended improvements with the Continental Casualty Insurance Company for the 1972-73 year.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

May 5, 1972 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated May 5, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\* \* \*

In concluding the meeting, President Fawcett made the following statement:

My statement may have been somewhat inadequate in expressing to you, Mr. Shocknessy, this University's sense of appreciation for the unselfish contribution of time and the quality of service that you have rendered this institution.

I did not comment on Mr. Dorsey's service to this Board and the University and I would like to do so now. I want to put a footnote under everything that Mr. Dunlap and the Chairman have said and to say 'Amen.' Then I would like to do something that I have never done before in all my sixteen years as President. While I have never been a factor in any Governor's selection of Trustees, I think the highest tribute I could pay Bob Dorsey would be to say that in the event a Governor would call me and ask me to fill this vacancy on the Board I would say 'Reappoint Bob Dorsey.'

And finally, I want to congratulate Fred Eckley publicly for his election as the new Chairman of this Board. I am sure that he will provide the quality of leadership that will make me somewhat regretful that I will only be able to serve two meetings under his leadership. All of this can best be summarized by just indicating a little sense of envy of Harold Enarson of the quality of people who serve on this Board and for the association he will have with this Board hopefully for many years to come.

Mr. Shocknessy responded to the President:

Thank you, Mr. President. We are all pleased today--this is one of those days that is sort of bittersweet--there is some bitterness and some sweetness. We take it all and we enjoy it all because bittersweetness isn't tastelessness. So I just want to say that as I give up the gavel I thank everybody and along with you I am glad the day the secretary called Bob Dorsey that it was not a practical joke.

- o -

Thereupon the Board adjourned to meet Friday, June 2, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

Page 574 Blank

APPENDIX IX

Revision of Rules 31.0701, 31.0703, 31.0705, and  
35.07 of Rules for the University Faculty

Approved by Faculty Council  
April 11, 1972

Adopted by Board of Trustees May 5, 1972  
(See page 542)

Page 576 Blank

Revision of Rules 31.0701, 31.0703, 31.0705, and  
35.07 of Rules for the University Faculty

On April 11, 1972, the Faculty Council approved changes in Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty. The text of each Rule as modified is as follows:

31.0701. Men Students.

All undergraduate men students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

- a. National Defense Studies. (1) Two hours of Military Science or Air Force Aerospace Studies each quarter (or three hours of Naval Science each quarter during the freshman year and two hours of Naval Science each quarter during the sophomore year) until a total of twelve (Naval Science, fifteen) credit hours has been earned; or (2) a grouping of academic courses prescribed by the College in which the student is registered, which courses shall be in addition to all College requirements; and
- b. One or more hours of Physical Education per quarter for a total of three quarters.

- o -

31.0703. Women Students.

All undergraduate women students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

- a. Excepting students enrolled in the School of Nursing, a grouping of academic courses prescribed by the College or School in which she is registered, which courses shall be in addition to all College requirements; and
- b. One or more hours of Physical Education per quarter for a total of three quarters.

- o -

31.0705. Marks for and Excuses from University Required Courses.

Section 1. Transfer within the University shall not excuse a student from compliance with the requirements of Rules 31.0701 and 31.0703.

Section 2. The President shall determine University policy with respect to excuse from the requirements of Rules 31.0701 and 31.0703 of students transferring with advanced standing from other institutions or from branches of this University. In addition, the School of Health, Physical Education and Recreation may excuse individual students from any part or all of the Physical Education requirements of Rules 31.0701 and 31.0703.

Section 3. These required courses, for both men and women, may be taken either on a Pass/Non-Pass or on a graded basis.

- o -

Revision of Rules 31.0701, 31.0703, 31.0705, and  
35.07 of Rules for the University Faculty (continued)

35.07.       Marks.

T--Temporarily excused. This mark applies only to Military Science, Air Force Aerospace Studies or Naval Science, or Physical Education. No credit hours shall be awarded to a course in which a student received a T mark.

X--Permanently excused. This mark applies only to Military Science, Air Force Aerospace Studies or Naval Science, or Physical Education. No credit hours shall be awarded to a course in which a student received an X mark.

PA/NP--Pass/Non-Pass. This grading pattern may be chosen for

(a) any or all of the University required courses (31.0701, 31.0703) of Physical Education and National Defense Studies.

(b) an additional maximum of 15 hours of work.

The 15 hours noted in "b" above is confined to undergraduate students enrolled in a degree-granting college, who have an accumulated point-hour ratio of 2.0 or higher. In addition, courses required or specified as required electives in the curriculum leading to the degree for which a student is a candidate may not be taken on a Pass/Non-Pass basis.

Hours graded PA or Pass count towards the degree, and PA/NP or Pass/Non-Pass are not computed in the point-hour average of the student. After an instructor is notified of the Pass/Non-Pass decision he will submit PA or NP to the Registrar, consistent with that decision, in the case of each student making the election. University and College rules for adding and deleting courses apply to courses elected on a Pass/Non-Pass basis. For the purpose only of calculating final standing in a course, the grade Pass is the equivalent of the grades ABCD and the grade Non-Pass of the grade E.

- o -

APPENDIX X

Revision of Rule 43.11 of Rules  
for the University Faculty

Page 580 Blank

43.11. Instructional and General Fees for Instructors, Graduate Teaching Associates, Graduate Research Associates, Graduate Administrative Associates, Fellows, Scholars, and University Employees.\*

Section 1. "Fees authorized" are those fees which are paid on behalf of a student through University accounts for the purpose of services rendered, employee benefits or student assistance. A fee authorization provides the authority to spend money from whatever account is specified to pay student fees. All fees must be authorized by an appropriate Fee Authorization Card. Approved fee authorizations will be processed as an expenditure against the department and account specified.

Section 2. The payment of instructional and general fees may be authorized, except as specifically prohibited by the University, for those within the following classifications:

- a. Members of the instructional staff of the University, with the rank of Instructor and above who were employed before July 1, 1955 and who are registered in the Graduate School, and any member of the teaching staff who, on the approval of the appropriate Instructor and Department Chairman or Director of a School, enrolls as an Auditor. (Rule 41.19)
- b. Graduate Teaching Associates, Graduate Research Associates, and Graduate Administrative Associates who meet the specified requirements of enrollment and employment may have their instructional and general fees authorized for payment as a benefit for services rendered.
- c. Employees of organizations having specific contracts with the Board of Trustees of the University whereby fees of persons designated by the agreement are authorized, in whole or in part, in lieu of payment for service rendered by the organization to The Ohio State University.
- d. Undergraduate and professional students eligible for the authorization of fees under scholarship assistance programs.
- e. Graduate students eligible for the authorization of fees under University, private, and governmental fellowship and traineeship agreements.

Section 3. The President, subject to the approval of the Board of Trustees, shall have authority to enter into an agreement with an organization or person not provided for in another category.

Section 4. A copy of the agreement and the names of person, or persons, designated to sign and certify fee authorizations will be filed with the Office of Personnel Services. All agreements shall contain information as to who is responsible for the overall administration of fee authorizations for these programs. Problems of coordination and individual cases that need interpretation of the rules concerning fee authorizations shall be referred for decision to the Office of Personnel Services.

Section 5. Reimbursement for tuition, instruction and general fees, as appropriate for employees is provided under provisions of the Employee's Fee Reimbursement Program as administered by the Office of Personnel Services. As a general principle, employees who are members of the administrative or clerical staff of the University will not be permitted to take courses except outside of the prescribed working hours.

Section 6. In all cases where interpretation and application of the rules specified herein are required, the question shall be referred for decision to the Office of Personnel Services.

---

\* Rule initiated by Board of Trustees.

Page 583 Blank

Page 584 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 2, 1972

The Board of Trustees met at its regular monthly meeting on Friday, June 2, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Robert S. Dorsey.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

June 2, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee

President Fawcett made the following statement and recommendation:

Today I am presenting for your consideration and approval the University budget for the fiscal year 1972-73. Before commenting on specifics of this budget I should like to make a few remarks of a general nature.

As you will recall in an earlier presentation to this Board at the time that the budget for fiscal year 1971-72 was being considered, I indicated that the level of financial support which the University received from the state for this biennium fell substantially below that which had been anticipated. I indicated that this situation was further complicated by the fact that the legislature chose to depart from tradition and provide no increase in the level of support in the second year of the biennium over the first. To accommodate this financial problem it became necessary for us to provide sufficient resources to cover all necessary increases in the second year of the biennium. And for the first time in over a decade we could not look to an increase in the number of persons paying fees to assist us in this funding problem since our enrollments are becoming stabilized. To compound our financial dilemma, the legislature chose to mandate a very substantial and, I might say, well-deserved pay increase for all state civil servants including the approximately 2,500 civil servants at this University. At the same time the state universities were excluded from the resources provided in support of this action. Because of these difficult economic facts of life compounded by the continuing inflationary pressures which seem to be particularly critical for a university such as Ohio State which is engaged in such a wide range of activities, it was obvious that we would have to depart from previous budget-making procedures and develop a new budgeting approach. Thus, rather than adding increments to a continuation budget for our programs, as we had done in previous years, we initiated an approach whereby each program was examined on the basis of activity level and work load. This resulted in substantial reallocations of resources from programs with declining enrollments or work loads to programs on which increasing demands were being placed either through enrollments or activity. For example, because of the planned reduction in the number of entering freshmen at Ohio State for this coming year, those colleges providing the majority of the freshmen course loads have had downward adjustments in the resources provided to them. While this approach is in the early stages of development, of necessity,

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

a number of refinements will have to be made. We believe that this method of budgeting provides a system whereby this University can be responsible to the changing patterns of enrollments and programs and at the same time be financially responsible.

Concurrent with this budgeting method we are making an effort to decentralize more of the decision-making process to the college level since it is believed that difficult priority decisions directly affecting educational programs within each college can be most effectively made by the responsible units. As an example of this principle, a portion of the necessary funding associated with the civil service pay increase had to be shared directly with the colleges, since this total financial obligation could not be accommodated within the very limited uncommitted resources of the University. Accordingly the colleges were asked to provide a portion of these funds from within their own resources either through economies in operating or equipment budgets or through cutbacks within personnel budgets.

Now I should like to turn to some of the specifics of this budget recommendation. Calling for expenditures of \$272,095,374, which represent approximately a \$15 million increase over the first year of this biennium, this budget represents a 5.8 per cent increase over last year's expenditures. This increase is constituted as follows: an instructional and general budget increase of 6.7 per cent or \$8.3 million, the major component of which \$5.3 million is allocated to personnel services enabling this University to meet the 13 per cent increase for classified staff mandated by state law; and a 4 per cent average faculty salary increase. Minimal increases of 3.5 per cent were allocated to the operating and equipment budgets, a necessary action since these budgets were held at the 1970-71 level during fiscal year 1971-72, in spite of inflation and increased departmental activities. There are also some budgeted increases in support of activities that realized increased earnings such as the laboratory animal center and the student health center.

This budget expenditure level is fully supported from the anticipated resources including the current level of student fees. However, I am requesting a realignment of those fees so that this University may take the final step in its implementation of the Faculty Council recommendation of 1969 which called for the elimination of all course fees in support of the concept that

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

courses should be equally accessible to all students without regard to differential costs. To offset the loss of revenue from such action, I am recommending that our instructional fee for all students be increased by ten dollars per quarter effective with the Autumn Quarter 1972. This will mean, for example, that the undergraduate students instructional fees will be increased from \$200 to \$210 making the total instructional and general fees, \$250 per quarter. The authority for such a modification is contained in the appropriation act of the current legislature subject to ratification by the Ohio Board of Regents. (See Schedule of Student Fees, page 589.)

In conclusion while there is little doubt that I am presenting to you a tightly drawn budget, I am satisfied that with the continuing support of the University community and the critical review of our spending at every level, this University will be able to sustain the momentum of its academic programs. While resources available for the development of new and improved programs are exceedingly limited, selective gains are essential and will simply have to be achieved through efficiencies, reduction, or elimination of lower-priority programs. In sum, I am satisfied that this budget will meet the University's existing commitments and at the same time maintain its fiscal integrity.

Budget for the 1972-73 Fiscal Year

	Estimated 1971-72	Budgeted 1972-73
General Budgets - Main Campus		
Personnel Services	\$ 96,123,985	\$101,394,972
Operating & Equipment	19,378,396	20,889,689
All Other	<u>8,019,222</u>	<u>9,565,326</u>
Total	<u>\$123,521,603</u>	<u>\$131,849,987</u>
Regional Campuses	<u>\$ 4,858,270</u>	<u>\$ 5,396,387</u>

Schedule of Student Fees, Effective Autumn Quarter, 1972

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$210	\$40	\$250	\$350	\$600
Agriculture and Home Economics	210	40	250	350	600
Arts and Sciences					
The Arts	210	40	250	350	600
Biological Sciences	210	40	250	350	600
Humanities	210	40	250	350	600
Mathematics and Physical Sciences	210	40	250	350	600
Social and Behavioral Sciences	210	40	250	350	600
Education	210	40	250	350	600
Engineering	210	40	250	350	600
Graduate School	270	40	310	350	660
Dentistry	270	40	310	350	660
Dental Hygiene	210	40	250	350	600
Law	270	40	310	350	660
Medicine	270	40	310	350	660
School of Allied Medical Professions	210	40	250	350	600
School of Nursing	210	40	250	350	600
Optometry	270	40	310	350	660
Pharmacy	210	40	250	350	600
Veterinary Medicine	270	40	310	350	660
University College	210	40	250	350	600
University Regional Campuses	200	25	225	350	575

Fees for part-time students (those enrolled for six or fewer credit hours) shall be assessed at one-half of full fees. When fees are not evenly divisible, they shall be assessed to the next even dollar amount.

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

	Estimated 1971-72	Budgeted 1972-73
Restricted Budgets/Expenditures		
Endowments	\$ 1,225,000	\$ 1,300,000
Federal Grants/ Contracts	20,500,000	20,500,000
Ohio Grants/Contracts	1,975,000	1,975,000
Private Gifts/Grants	5,200,000	5,300,000
Research Foundation	16,500,000	16,630,000
Other	<u>2,465,000</u>	<u>2,500,000</u>
Total	<u>\$ 47,865,000</u>	<u>\$ 48,205,000</u>
Rotary and Auxiliary Budgets		
Cooperative Extension	\$ 11,100,000	\$ 11,224,000
University Hospitals	36,800,000	40,100,000
University Dormitories	14,187,000	14,769,000
Intercollegiate Athletics	3,870,000	4,024,000
Departmental Earnings	4,325,000	4,500,000
University Services	2,350,000	2,460,000
All Other	<u>8,150,000</u>	<u>9,567,000</u>
Total	<u>\$ 80,782,000</u>	<u>\$ 86,644,000</u>
Grand Total	<u><u>\$257,026,873</u></u>	<u><u>\$272,095,374</u></u>

Sources of Income for 1972-73 Budget

Main Campus	
State Subsidy	\$ 65,743,666
Student Fees	45,175,000
Other Unrestricted Income	16,482,252
Carry Forward from 1971-72	<u>4,449,069</u>
Total	\$131,849,987
Regional Campuses - All Sources	
Departmental Earnings	\$ 4,500,000
University Services	2,460,000
Auxiliary Operations	79,684,000
Restricted Funds	<u>48,205,000</u>
Grand Total	<u><u>\$272,095,374</u></u>

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and Increase in Instructional Fee (continued)

President Fawcett recommended that all course fees be eliminated and the increase in instructional fee be approved effective with the Autumn Quarter. It was further recommended that the 1972-73 budget be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Residence Halls Room and Board Rates

President Fawcett made the following statement and recommendation:

In spite of our best efforts to hold the line on the costs of education, I find that I must recommend increases in the basic room rates for this coming year. For undergraduates this rate increase will be \$33 per quarter bringing the rate to \$445 per quarter which represents an eight per cent increase in cost. A substantial portion of these increases were necessitated by salary adjustments equivalent to those mandated to our civil service employees which resulted in over a 19 per cent increase in the cost of personal services. At the same time we are experiencing sizable increases in the cost of food, materials, supplies, utilities, and contract services in the operation of these facilities. To offset as much of these increases as possible, a number of economies have been effected and are being considered including, for example, the number of food facilities presently being operated by this University. A number of other areas are also being examined for possible economies in the hope that we can successfully combat the inflationary pressures and at the same time provide resident facilities which are conducive to the educational and social development of our students.

The specific schedule of rates, with effective dates, which I am recommending are as follows:

	<u>Recommended Rates</u>	<u>Present Rates</u>
<u>Effective Autumn Quarter,</u> <u>1972</u>		
General Dormitories	\$445 per quarter	\$412 per quarter
Lincoln Tower - (Room only)	275 per quarter	--
Stadium Scholarship Dormitories	206 per quarter	195 per quarter

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Residence Halls Room and Board Rates (continued)

President Fawcett's statement (continued)

	<u>Recommended Rates</u>	<u>Present Rates</u>
<u>Effective Summer Quarter, 1972</u>		
Jones Graduate Tower		
Single Room	\$210 per quarter	\$195 per quarter
Double Room (Each occupant)	180 per quarter	165 per quarter
<u>Effective July 1, 1972</u>		
<u>Buckeye Village</u>		
One-Bedroom Units	94 per month	91 per month
Two-Bedroom Units	119 per month	114 per month

President Fawcett recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables in general conformity with the schedule of rates established in the foregoing paragraph.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the residence halls room and board rates by unanimous roll call vote.

C. Combining of the Department of Veterinary Pathology and  
Department of Veterinary Microbiology and Parasitology  
Into the Department of Veterinary Pathobiology

The Faculty Council on May 9, 1972, approved the combining of the Department of Veterinary Pathology and the Department of Veterinary Microbiology and Parasitology into the Department of Veterinary Pathobiology, effective July 1, 1972.

Because of the number of common areas of interest in the programs of these two Departments the merger into one Department will result in a more effective use of the teaching resources in the integrated curriculum, including substantial savings in equipment, materials and facilities, a greater utilization of the intellectual and creative talents of the faculty of both departments in teaching and research, and a general strengthening of the graduate program.

President Fawcett recommended that the action of the Faculty Council be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

D. Adoption of an Official Shield for the School of Nursing

The faculty and students of the School of Nursing have accepted a shield for the School of Nursing of the College of Medicine of The Ohio State University. It is the intention of the faculty and students to utilize this shield of the School of Nursing on their white coats in a manner similar to that of staff members and students and the faculty of the College of Medicine.

President Fawcett recommended that the Board of Trustees approve the proposed shield, as submitted by the Vice President for Medical Affairs, and further that the original copy of such shield be filed with the official records of the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Acceptance of Federal Aviation Administration Grant

This Board has previously authorized and directed the President to file an application with the Federal Aviation Administration (FAA) for a grant to support the expansion of the University Airport.

The said application was filed and the University has received an offer for a Grant Agreement from the Federal Aviation Administration under date of 17 May 1972.

Be It Resolved, that Novice G. Fawcett, President of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board to ratify and adopt all statements, representations, warranties, covenants and agreements contained in the Project Application and incorporated materials referred to in the offer for a Grant Agreement, and to accept said offer for a Grant Agreement and agree to all of the terms and conditions thereof by executing the "Acceptance" portion of the Grant Agreement submitted by the Federal Aviation Administration under date of 17 May 1972 in the form attached hereto. (See Appendix XI, page 623.) (FAA Project 8-39-0027-01, Contract No. DOT-FA-72-GL 6722.)

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the acceptance of the foregoing grant from the Federal Aviation Administration by unanimous roll call vote.

F. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 9, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix XII, page 643.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Reprinted Sections--Bylaws of the Board of Trustees and Rules for the University Faculty

Two sections of the publication--Bylaws of the Board of Trustees and Rules for the University Faculty--have been reprinted to conform with changes which have been approved by the Board of Trustees since the last publication in March, 1971.

President Fawcett recommended that these two reprinted sections be accepted as the official publication of the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

H. Trusteeship of the Phi Delta Kappa Educational Foundation

The late George H. Reavis, noted educator, benefactor and friend of The Ohio State University, established a trust in 1966 known as "The Phi Delta Kappa Educational Foundation." The irrevocable trust agreement under date of October 13, 1966, and executed by George H. Reavis, contained the following provision:

Upon the death of Grantor, George H. Reavis, and as soon as practical after the administration of said Grantor's estate is completed, and not later than twenty-four (24) months after said death, the Board of Governors shall designate the Board of Trustees of The Ohio State University, Columbus, Ohio, as the successor Trustee to the Huntington National Bank under the terms of this trust, provided the Board of Trustees of The Ohio State University agrees to accept the corpus of the Trust estate and agrees to hold, administer and distribute the same and the proceeds and income therefrom upon the trust conditions, limitations and restrictions imposed by this instrument.

After wide discussions within the University community, legal counsel, and members of the Foundation's Board of Governors, and according to the wishes of Dr. Reavis, President Fawcett recommended that The Ohio State University Board of Trustees accept designation as successor Trustee under the terms of the trust and continue as trustee so long as the trust is of use and benefit to the educational purposes of the University with the funds to be maintained within The Ohio State University portfolio under standard University procedures and charges.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Establishment of Willard M. Kiplinger  
Chair in Public Affairs Reporting

During the past two years, The Kiplinger Foundation, Inc., of Washington, D. C., has contributed \$200,000 to The Ohio State University to establish the Willard M. Kiplinger Professorship of Public Affairs in Journalism. Earlier this year, the officers and trustees of The Kiplinger Foundation, Inc., announced their decision to increase over a period of time the funding in this endowment account to a minimum level of \$500,000.

Therefore, in consideration of this commitment by The Kiplinger Foundation, Inc., for an additional \$300,000, President Fawcett recommended that the above-identified Professorship be redesignated the Willard M. Kiplinger Chair in Public Affairs Reporting.

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the Board of Trustees by unanimous voice vote approved the establishment of the Willard M. Kiplinger Chair in Public Affairs Reporting.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the May 5, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignations; Promotions; Leaves of Absence Without Salary; Emeritus Titles; Chairmen of Departments, Academic Faculties, and Divisions; and Directors of Schools:

A. Resignations

President Fawcett expressed regret as he reported to the Board the recent resignation of three key administrators.

Bernard J. Lachner has resigned his position as Vice President for Administrative Operations to accept a position as President of the Evanston Hospital Association, Evanston, Illinois.

Leslie E. McDonald has resigned his position as Dean of the College of Veterinary Medicine to return to a position at the University of Georgia.

John A. Prior has resigned his position as Dean of the College of Medicine to return to full-time teaching and research in the Department of Medicine.

All three resignations are effective June 30, 1972.

June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

President Fawcett recommended the appointments of the following two Acting Deans to enable the University to follow the established procedures in selecting replacements for Dean McDonald and Dean Prior.

Robert J. Atwell from Director of the School of Allied Medical Professions and Professor in the Department of Medicine to Acting Dean of the College of Medicine and Professor in the Department of Medicine, effective July 1, 1972, at a salary of \$35,088.00 per annum.

C. Roger Smith from Chairman and Professor in the Department of Veterinary Physiology and Pharmacology to Acting Dean of the College of Veterinary Medicine and Professor in the Department of Veterinary Physiology and Pharmacology, effective July 1, 1972, at a salary of \$31,212.00 per annum.

President Fawcett said he hoped to be able to recommend to the Board for consideration at an early date the appointment of a person as Acting Vice President for Administrative Operations.

President Fawcett then recommended the following promotion:

Ronald L. St. Pierre from Associate Professor in the Department of Anatomy to Associate Professor and Chairman of the Department of Anatomy, effective July 1, 1972, at a salary of \$24,048.00 per annum.

C. Leaves of Absence Without Salary

Walter B. Emery, Professor, Department of Speech Communication, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Massachusetts.

Felix P. Kollaritsch, Professor, College of Administrative Science - Academic Faculty of Accounting, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Florida.

Joan M. Webber, Professor, Department of English, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Washington.

Nancy E. Robinson, Instructor, Cooperative Extension Service, effective July 1, 1972 through June 30, 1973, to continue her program of professional improvement at the University of Maryland.

June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Darnell Williams, Instructor, Department of English, effective October 1, 1972 through September 30, 1973, to complete his Ph.D. degree.

D. Emeritus Titles

Agnes M. Gordon, Academic Faculty of Accounting, with the title Professor Emeritus, effective July 1, 1972.

Lyle S. Pettit, College of Dentistry, with the title Professor Emeritus, effective July 1, 1972.

Everett C. Shimp, School of Social Work, with the title Professor Emeritus, effective July 1, 1972.

Earl P. Carter, Marion Regional Campus, with the title Assistant Professor Emeritus, effective July 1, 1972.

Elizabeth Brown, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Home Economics), effective June 1, 1972.

E. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools

Appointment of the following persons to four-year terms as Department Chairmen and Directors of Schools, effective July 1, 1972 through June 30, 1976, unless otherwise indicated:

Aeronautical and Astronautical

Engineering  
Anesthesiology  
Biochemistry  
Biophysics  
Classics  
Computer and Information Science  
Dairy Science  
Engineering Graphics  
Genetics  
Geodetic Science  
Mechanical Engineering  
Metallurgical Engineering  
Music, School of  
Pediatrics  
Pharmacology  
Philosophy  
Physiology  
Romance Languages and Literatures  
Surgery

Garvin L. Von Eschen  
William Hamelberg  
George Serif  
Leo Lipetz  
Mark P. Morford  
Marshall Yovits  
Noland Van Demark  
Paul Yarrington  
J. Bruce Griffing  
Urho A. Uotila  
Donald Glower  
Mars G. Fontana  
Harold T. Luce  
Bruce D. Graham  
Bernard H. Marks  
Robert Turnbull  
Robert C. Little  
David Griffin  
Robert M. Zollinger\*

---

\* Term July 1, 1972 through June 30, 1974.

June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools (continued)

Appointment of the following persons to four-year terms as Department Chairmen, effective October 1, 1972 through September 30, 1976:

Chemical Engineering	Aldrich Syverson
Speech Communication	Keith Brooks

Appointment of the following persons to four-year terms as Chairmen of Academic Faculties, effective July 1, 1972 through June 30, 1976, unless otherwise indicated:

Curriculum and Foundation	Jack Frymier
Exceptional Children	Thomas Stephens
Humanities Education	Robert Jewett
Industrial Technology	Donald Lux
Science and Math Education	Robert Howe
Vocational and Technical Education	Robert Reese*

Appointment of the following persons to one-year terms as Chairmen of Divisions, effective July 1, 1972 through June 30, 1973:

Art	Francis Ruzicka
Art Education	Kenneth Marantz
Comparative Literature and Languages	Wayne Lawson
Dance	Helen P. Alkire
Design	Charles Wallschlaeger
History of Art	Franklin Ludden
Public Administration	Clinton V. Oster

---

\* Term July 1, 1972 through June 30, 1973.

President Fawcett recommended that the foregoing Resignations, Promotions, Leaves of Absence Without Salary, Emeritus Titles, Appointment of Chairmen of Departments, Academic Faculties, and Divisions, and Directors of Schools, Promotions in Academic Rank, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(April 13, 1972 - May 12, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	4	\$ 432,392.00
Industrial and Other Research	2	16,900.00
<u>Grants</u>		
Government Research - Federal	30	1,150,558.00
Government Research - State	<u>2</u>	<u>278,808.00</u>
Totals	38	\$1,878,658.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Electrotransport in Liquid Metals (to be known as Project No. 2818-C - Mod. #1-2 - Department of Metallurgical Engineering).  
Gross Value - \$37,972.00.
- b. Department of State, Agency for International Development, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDCs (to be known as Project No. 2871 - Amend. #6 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$280,000.00.
- c. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of Laser Propagation Phenomena (to be known as Project No. 3432-A1 - New - Department of Electrical Engineering).  
Gross Value - \$75,000.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, The Analysis of Tactics (to be known as Project No. 3434-A1 - New - College of Administrative Science - Academic Faculty of Management Science and Department of Mathematics).  
Gross Value - \$39,420.00.

TOTAL - Government Research Contracts - Federal \$432,392.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Westview Towers, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-C - New - Department of Metallurgical Engineering).  
Gross Value - \$6,000.00.
- b. American Iron and Steel Institute, New York, New York, Vapor Pressures of Iron Alloys (to be known as Project No. 3442-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$10,900.00.

TOTAL - Industrial and Other Research Contracts - \$16,900.00

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a. 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 (to be known as Project No. 1571-H - Ext. #8 - Department of Biochemistry).  
Gross Value - \$34,157.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO<sub>2</sub> - Artery QO<sub>2</sub> Relationship and Atherosclerosis (to be known as Project No. 1800-H - Ext. #8 - Department of Physiology).  
Gross Value - \$15,580.00.
- c. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Hydrophilic Colloid Interactions in Foods (to be known as Project No. 2037-G - Ext. #7 - Department of Food Science and Nutrition).  
Gross Value - \$22,615.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain Tumors (to be known as Project No. 2069-G - Ext. #7 - Department of Medicine).  
Gross Value - \$37,406.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigations on Glycosaminoglycans (to be known as Project No. 2516-E - Ext. #5 - Department of Chemistry).  
Gross Value - \$37,504.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-B - Ext. #3 - Department of Pathology).  
Gross Value - \$32,958.00.

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- g. Department of Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases as Related to Reentry Aerodynamics (to be known as Project No. 2785 - Mod. #AFOSR-69-1759C - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$20,000.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-B - Rev. Award Dated 4/11/72 - Department of Chemistry).  
Gross Value - \$882.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-C - Ext. #3 - Department of Chemistry).  
Gross Value - \$36,509.00.
- j. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Ignition and Combustion and Subsonic and Supersonic Flowing Combustible Mixtures (to be known as Project No. 3000-A1 - Mod. #AFOSR-70-1902B - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$40,000.00.
- k. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Individual Differences in Psychogenic Responses (to be known as Project No. 3024-A3 - Ext. #2 - Department of Psychiatry).  
Gross Value - \$41,986.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stereochemical Studies of Adrenergic Drugs (to be known as Project No. 3034-A3 - Ext. #2 - College of Pharmacy).  
Gross Value - \$9,302.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosematosis (to be known as Project No. 3042-A3 - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$29,266.00.
- n. National Science Foundation, Washington, D. C., The Cartier Operator of Special Hypersurfaces and the Invariants of the Varieties (to be known as Project No. 3052-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$5,700.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Sciences Support Grant (to be known as Project No. 3053-A3 - Ext. #2 - Graduate School).  
Gross Value - \$61,516.00.
- p. National Science Foundation, Washington, D. C., Mechanized Information Center (to be known as Project No. 3182-A1 - Amend. #1 - University Libraries).  
Gross Value - \$276,464.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, The Leadership Role of the Nurse (to be known as Project No. 3204-A2 - Ext. #1 - School of Nursing).  
Gross Value - \$37,621.00.
- r. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - Sup. #1 - Department of Geodetic Science).  
Gross Value - \$15,000.00.
- s. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$2,700.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Aortic Function (to be known as Project No. 3236-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$24,228.00.
- u. National Science Foundation, Washington, D. C., Early German Medical and Chemical Works (to be known as Project No. 3241-A1 - Amend. #1 - Departments of German and Chemistry).  
Gross Value - \$5,300.00.
- v. Department of Health, Education and Welfare, Social Security Administration, Baltimore, Maryland, Disability in the United States (to be known as Project No. 3246-A2 - Ext. #1 - College of Law).  
Gross Value - \$56,258.00.
- w. Department of Army, U. S. Army Research Office - Durham, Duke Station, Durham, North Carolina, Early Stages of Phase Transformation (to be known as Project No. 3420-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$26,998.00.
- x. National Science Foundation, Washington, D. C., Conformational Studies Using Nuclear Magnetic Resonance (to be known as Project No. 3440-A1 - New - Department of Chemistry).  
Gross Value - \$34,100.00.
- y. Department of Health, Education and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., Service Organizations and Clients (to be known as Project No. 3441-A1 - New - Office of Academic Affairs, Mershon Center for Education in National Security).  
Gross Value - \$77,608.00.
- z. National Science Foundation, Washington, D. C., Conformational Analysis of Cyclic and Acyclic Sugars and Their Derivatives (to be known as Project No. 3443-A1 - New - Department of Chemistry).  
Gross Value - \$35,000.00.
- aa. National Science Foundation, Washington, D. C., Interpretations of Macromolecular Interactions (to be known as Project No. 3445-A1 - New - Department of Biochemistry).  
Gross Value - \$40,000.00.

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- bb. National Science Foundation, Washington, D. C., Operator Ergodic Theory (to be known as Project No. 3447-A1 - New - Department of Mathematics).  
Gross Value - \$19,000.00.
- cc. National Science Foundation, Washington, D. C., Wave Propagation in Heterogeneous Materials (to be known as Project No. 3448-A1 - New - Department of Physics).  
Gross Value - \$32,800.00.
- dd. National Science Foundation, Washington, D. C., Environmental Influences on Stability of Soil Masses (to be known as Project No. 3449-A1 - New - Department of Civil Engineering).  
Gross Value - \$42,100.00.

TOTAL - Government Research Grants - Federal \$1,150,558.00

4. Government Research Grants - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care - Special Project (to be known as Project No. 2052-F1 - New - Department of Pediatrics).  
Gross Value - \$10,452.00.
- b. State of Ohio, Ohio Industrial Relations Department, Columbus, Ohio, To Study, Evaluate and Develop a State of Ohio Plan for Occupational Safety and Health Act (1970) (to be known as Project No. 3439-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$268,356.00.

TOTAL - Government Research Grants - State \$278,808.00

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

(Period: April 13, 1972 - May 11, 1972)

	No. of Projects	Gross Value
Government Research Contract	1	\$21, 240. 00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 411X      Field Evaluation of Sand-Drain Construction, Ohio  
Department of Highways, Columbus, Ohio.  
Gross Value - \$21, 240. 00.

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: April, 1972)

Grants  
Office of Finance and Treasurer \$1,064,295.00

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	1,443	\$ 62,628.17
Individuals Other than Alumni	264	20,811.96
Business Concerns	16	43,297.85
Foundations and Nonprofit Organizations	<u>35</u>	<u>40,595.80</u>
Totals	1,758	\$ 167,333.78

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of a named fund and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the acceptance of the grants and gifts and the establishment of the named fund was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$645,360.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for support of the Educational Opportunity Grants Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee No. 766505)
2. \$133,004.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, to the University for support of the Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through August 31, 1972. (Grant No. 5 G03 RM 00022-02A4)
3. \$83,106.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Otolaryngology and Audiology - Training Grant, under the direction of the Department of Otolaryngology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 NS05397-10)
4. \$28,385.00 granted by The University of Tennessee, Knoxville, Tennessee, to the University for support of Dr. Ralph J. Woodin, Professor, Department of Agricultural Education, The Ohio State University, to serve as Professor and Interim Department Head, Department of Vocational-Technical Education at The University of Tennessee, for the period July 1, 1972 through June 30, 1973.
5. \$26,802.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Special Purpose Traineeship Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 A04 AH00022-04)
6. \$25,226.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Electropharmacological Control of Cardiac Function - Development Award-Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 HL11929-09)
7. \$19,925.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Occupational Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00204-01)

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$18,902.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Medical Technology, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00203-01)
9. \$18,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Physical Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00205-01)
10. \$17,750.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Physical Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00202-01)
11. \$12,171.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Occupational Health - Training Grant, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 OH00018-10)
12. \$11,792.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of a Graduate Educational Research Training Program, under the direction of the Department of Sociology, for the period September 1, 1972 through August 31, 1973. (Grant No. OEG-0-71-3532)
13. \$9,771.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of General Preventive Medicine - Residency Traineeship, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 A08 AH00080-03)
14. \$7,938.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of a Workshop on Adaptive Behavior, under the direction of the Nisonger Center, for the period May 1, 1972 through June 30, 1972. (Grant No. 55-P-25269/5-01)

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

15. \$2,855.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of a Seminar on Data Collection and Analysis, VR/PA - Rehabilitation S/T Training, under the direction of the School of Social Work, for the period April 27, 1972 through July 27, 1972. (Grant No. 44-P-25272/5-01)
16. \$1,883.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medical Student Apprenticeship Training - Training Grant, under the direction of the Department of Preventive Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 A07 AM00209-05)
17. \$1,250.00 granted by the State of Ohio, Department of Urban Affairs, Human Resources Division, Columbus, Ohio, to the University for a training program for approximately 50 Ohio City Managers, under the direction of the College of Administrative Science, for the period May 24, 1972 through May 26, 1972.

B. The Ohio State University Development Fund

1. \$15,000.00 from Foundation for Endowment of a Chair to fund the Meshulam Riklis Chair in Business and Its Environment.
2. \$10,000.00 from Buick Motor Division of General Motors, Flint, Michigan, to support a study under the direction of Professors T. H. Rockwell and W. T. Morris of the Department of Industrial Engineering and entitled "The Feasibility of a Relative Braking Distance Aid in Driving."
3. \$8,400.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
4. \$7,500.00 from National/Ohio 4-H Foundation Campaign for its fund.
5. \$5,872.61 from Ohio Tuberculosis and Respiratory Disease Association, Columbus, Ohio, for research in pulmonary and respiratory care.
6. \$5,650.00 from G. D. Searle and Company, Chicago, Illinois, for gastrointestinal cancer research.
7. \$5,000.00 from Robert H. Fergus, Dublin, Ohio, to establish an Aviation Loan Fund.

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Establishment of New Fund from Previously Reported Gift

Norman W. Woelfel Memorial Cancer Research Fund

The Norman W. Woelfel Memorial Cancer Research Fund was established April 7, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Florence C. Woelfel (Mrs. Norman W. Woelfel), Columbus, Ohio, in memory of her late husband, Norman W. Woelfel, of Columbus, Ohio.

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

The annual income is to be used for cancer research in the College of Veterinary Medicine.

Should the need for this research cease to exist or so diminish as to provide unused income, or should the College of Veterinary Medicine 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 of the appropriate administrative official of the University who is then directly responsible for veterinary medical education and research.

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Sisson Hall - Remodeling for Offices and Laboratories

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$66,935.00	\$68,169.00	\$1,234.00

Revisions were made to allow greater flexibility in the piping system.

Funds for this project have been provided from Budget Account 801212 (Sisson Hall Remodeling).

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above extra and credit order to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Goss Laboratory, Partial Remodeling

This project involves the complete renovation of existing office and laboratory space. Remodeling is to be accomplished in two phases, so there will be no interruption of teaching and research obligations and activities.

Funds for this project will be provided from Budget Account 801183 (Goss Laboratory Remodeling) and a Federal Grant. The complete approval of this project will be contingent upon receipt of this Grant.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote and contingent upon receipt of Federal Grant the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

B. Stillman Hall Improvements

Revisions to second floor and basement for faculty offices and seminar areas and appropriate electrical system changes are necessary.

Funds for this project will be provided from Budget Account 801260 (Stillman Hall Improvements) and House Bill 531, Item 315-074 and House Bill 988, Item 315-074.

C. Undergraduate Library and Service Center (Joseph Sullivant Hall) - Roof and Parapet Wall Repairs

This project provides a new roof for the existing one which is badly deteriorated.

Funds for this project will be provided from Budget Account 801095 (Federal recoveries from various projects set aside for the Undergraduate Library).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and, if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

June 2, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Airport Development - 1971

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 5-5-72)		
B. G. Danis Company (Dayton)		
Base bid	\$606,461.38	\$1,039,146.00
Alt. G-1 Hard Stand Phase 1	+ 86,095.31	+ 116,285.00
Alt. G-2 Hard Stand Phase 2	+ 51,701.80	+ 71,557.00
Alt. G-3 Ramp Between Fire Station and ODA Hangar	+ 35,074.74	+ 42,884.00
Alt. G-4 Fence Phase 1	+ 30,357.28	+ 47,884.00
Alt. G-5 Fence Phase 2	+ 26,103.20	+ 41,095.00
Alt. G-6 Overlayment of Taxiway	+ 12,855.30	+ 17,610.00
Total Contract	<u>\$848,649.01</u>	<u>\$1,376,461.00</u>
<u>Electrical Contract</u>		
(5 bids received 5-5-72)		
Jess Howard Electric Co. (Columbus)		
Base bid	\$ 75,903.78	\$ 115,605.00
Alt. A-1 Visual Approach VASI-4	+ 17,772.00	+ 20,000.00
Alt. A-2 Visual Approach VASI-2	+ 13,189.00	+ 10,000.00
Alt. A-3 Lights for Existing Runway	+ 8,700.43	+ 12,753.00
Alt. A-4 Emergency Generator Switch	+ 2,374.00	+ 2,700.00
Alt. A-5 Phase 1 Lighting	+ 2,766.00	+ 2,160.00
Alt. A-6 Phase 2 Lighting	+ 741.00	+ 350.00
Alt. A-7 Remove Existing Lights	+ 93.50	+ 225.00
Total Contract	<u>\$121,539.71</u>	<u>\$ 163,793.00</u>
<u>Total All Contracts</u>	<u>\$970,188.72</u>	<u>\$1,540,254.00</u>

Funds for this project have been provided from Budget Account 801249 (Airport Development - 1971 - Federal Grant No. 8-39-0027-01, Federal Aviation Administration Federal Aid Program Airport Development).

June 2, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Biological Sciences Building, Air Condition Rooms 116, 120, 127 & 129

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(5 bids received 5-22-72)		
J. A. Guy, Inc. (Dublin)	\$ 15,300.00	\$ 18,064.00

Funds for this project have been provided from Budget Account 801137 (Biological Sciences Building).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

\* \* \*

VIII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplished the following purpose:

- 11 Approved the purchase of property described as being 63.157 + acres, in Perry Township, Franklin County, from the Board of Trustees of The Ohio State University at a cost of \$238,618.00.

\* \* \*

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Ralph M. Patterson, Professor Emeritus in the Department of Psychiatry; Alice Pressey, Associate Professor Emeritus in the School of Home Economics; and Robert Frederick Miller, Associate Professor in the Department of Industrial Engineering. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Ralph M. Patterson, M. D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 4, 1972, of Ralph M. Patterson, Professor Emeritus in the Department of Psychiatry.

Under Ralph Patterson's Chairmanship, the Department of Psychiatry came a very long way at The Ohio State University, College of Medicine. When he came to the University in 1951 from the University of Michigan, he became the first Chairman of the Department of Psychiatry. Under his leadership the clinical clerkship in psychiatry expanded from a total

June 2, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph M. Patterson, M.D. (continued)

of two half-days to a full-time rotation of two months, equal to that of any other major specialty. From a start without any inpatient beds at all, psychiatry catapulted to 125 beds. The outpatient clinic which had met one half-day a week, blossomed into a large, full-time operation. The new Department found modern housing in a separate, specially-equipped building where Dr. Patterson managed to assemble an excellent multi-disciplinary team. When he started here, there were no residents in psychiatry at Ohio State. By 1965 when he relinquished the Chairmanship, some twenty residents were currently in training. The faculty likewise grew to impressive proportions. Beginning in 1951 with no full-time faculty, the Department by 1965 had reached twenty-two psychiatrists in clinical work--eleven of them full time--and in addition, there were eleven more full-time faculty primarily devoted to research. At the time of Dr. Patterson's retirement in 1971, the alumni and faculty organization of the Department had roughly 150 members, all of whom--residents or faculty--had worked with Dr. Patterson during the twenty years of his tenure. It isn't easy, even for the initiated, to imagine the strenuous effort needed to accomplish what these bare statistics only imply.

Just one year ago, some 250 people were assembled to honor the retiring Professor. At a day devoted to scientific presentation, nineteen papers were gathered in a Festschrift, which is now in print. This was the last fruition of a research division which Dr. Patterson had founded and fostered and which had achieved world-wide renown. The astonishing number of 750 scientific publications had resulted from the work of this group of researchers during a 12-year span. The whole range of basic disciplines relevant to psychiatry were represented, true to Dr. Patterson's open-minded eclecticism: the anatomical substrates of the mind, the biochemical correlates of behavior, neuropathology, much clinical psychiatric work, psychological studies, and sociological application all were pursued here under Dr. Patterson's aegis.

Dr. Patterson himself co-authored a textbook on eclectic psychiatry through which his influence reached far beyond the confines of central Ohio. He was also active in state-wide, national and international scientific organizations, reaching positions of honor and distinction.

In Dr. Patterson there culminated a rare family tradition that had started with his grandfather who had been a practicing physician in Franklin County and continued with his father, a graduate of the old Starling-Loving Medical College. The loss of this Professor Emeritus leaves a gap in the ranks of the University community, and of the medical profession especially. But he himself saw to it that it would not be disruptive to the work to which he was devoted so sincerely. The Department of Psychiatry, its alumni and faculty are a living and growing testimonial to Ralph Patterson, the founding father of psychiatry at The Ohio State University.

June 2, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph M. Patterson, M.D. (continued)

On behalf of The Ohio State 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.

B. Alice Pressey

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 5, 1972, of Alice D. Pressey, Associate Professor Emeritus, School of Home Economics.

Mrs. Pressey was born in Cincinnati, Ohio, December 2, 1890. She received her B.Sc. and M.Sc. degrees from Columbia University in 1913 and 1924 respectively. Mrs. Pressey taught high school home economics in Columbus and Dayton for 6 years. In 1919 she joined the staff of the School of Home Economics as an instructor, rose to the rank of Assistant Professor in 1924, and became Associate Professor in 1945. From 1926 until her retirement in 1952 Mrs. Pressey was Head of the Home Economics Education Department. She pioneered in the teaching and supervision of home economics student teachers.

Mrs. Pressey was a life member of Phi Lambda Theta and a 50 year member of Kappa Delta. She was active in the American Vocational Association, the Ohio Home Economics Association, and the American Home Economics Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and 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 of Mrs. Pressey as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Robert Frederick Miller

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 16, 1972, of Robert Frederick Miller, Associate Professor in the Department of Industrial Engineering.

Dr. Miller was born in Continental, Ohio, on August 16, 1929. He received the Bachelor of Industrial Engineering degree from The Ohio State University in 1952. He worked for Kimble Glass Company in Columbus following his graduation and subsequently served as an officer in the United States Navy for two years. Upon his discharge, he undertook graduate work at this University, earning the Master of Science degree in 1957 and the Doctor of Philosophy degree in 1961.

June 2, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Robert Frederick Miller (continued)

While in graduate school he served as an instructor and continued subsequently as a faculty member, attaining the rank of Associate Professor in 1965. His service to the University also included a period of three years as Assistant Dean and Secretary of the Graduate School.

Dr. Miller's teaching and research were in the areas of plant design and organization theory. He taught a key design course for senior students and introduced the course in organization theory which was taken by many graduate students. He served as a consultant in these fields to a number of Ohio companies. In addition, he devoted his talents to the improvement of the operation of the University, undertaking a variety of projects under the direction of the Vice President for Business and Finance.

Dr. Miller contributed to the work of many department and college committees and was asked by the President to chair a special study of course fees throughout the University in 1969. He was an active member of a large number of professional societies, taking a particular interest in the American Institute of Industrial Engineers and the Operations Research Society of America.

His particular skill combined an unusual ease with both highly abstract theory and real systems design problems. His work was characterized by a depth of exploration and a curiosity which served as a very high standard for the students who worked with him. His professional career won him wide respect both in industry and in the academic world.

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.

\*

\*

\*

X. REPORTS

A. President Fawcett Reported Concerning  
Carroll County Agricultural Agent

At the last meeting, I was requested to review this University's recent decision concerning the termination of Mr. Z. L. Newsome as County Extension Agent in Carroll County. I can report to you that Director Kottman and Associate Director Orlo Musgrave recently held a meeting with several factions in Carroll County represented. After a full airing of the matter of the termination of Mr. Newsome as County Agent, it was agreed that this University would provide Mr. Newsome with a terminal contract for one year in order to enable him to secure other employment. This solution would appear to be agreeable to all parties concerned.

June 2, 1972 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Sale of Land (63.157 Acres, Board of Trustees Lands East and West of Don Scott Field) to the State of Ohio

Mr. Safford presented the following recommendation:

At the request of this University and with the full concurrence of the Office of the Board of Regents, the Controlling Board of the State of Ohio on May 15, 1972, authorized the purchase of 63.157 acres by the State of Ohio for the sum of \$238,618 from the capital appropriation provided for the development of University Livestock Facilities authorized in House Bill 988 of the 108th General Assembly. The titles for this land, including a 42.817 acre parcel located on Case and Sawmill Roads and a 20.340 acre parcel located on Godown Road, are presently held in the Investment Portfolio of this Board.

Authority is requested for the President and/or Vice President for Administrative Operations to prepare the necessary legal documents and to execute the transfer of titles to these properties from the Investment Portfolio to the State of Ohio for use by this University upon payment of the above-mentioned price and that these funds be deposited in the Investment Portfolio.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Report on the University's Investment Portfolio

The report dated June 2, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

XI. RENAMING OF CENTER FOR TOMORROW

Chairman Eckley reported that Dick Mall had written to him on May 25 concerning an action which The Ohio State University Association had taken. Mr. Eckley quoted from the letter--

Therefore, the Alumni Advisory Board and the Board of Directors of The Ohio State University Association jointly and together respectfully petition the Board of Trustees to authorize the designation and naming of this building (this building being the one we are in today) as The Fawcett Center for Tomorrow and thus provide an enduring tribute to Novice G. Fawcett.

June 2, 1972 meeting, Board of Trustees

XI. RENAMING OF CENTER FOR TOMORROW (continued)

Mr. Shocknessy presented the following recommendation:

It would be a most fitting tribute to Novice G. Fawcett, in recognition of his more than sixteen years of distinguished and dedicated service as the eighth president of this University, to name in his honor the educational facility on this campus which best exemplifies his vision and dedication to the broadest concepts of education. While during his tenure as president, and largely through his leadership, The Ohio State University has invested over \$275 million in enlarging its physical facilities, there is one facility which exists solely because of President Fawcett's vision. He conceived its need; was personally involved in its development; and gave the leadership to the recruitment of the necessary financial resources for its construction. A facility dedicated to making all of the educational resources of this University available to the people of the state, the nation, and the world, thus it is a fitting tribute to rename it "The Novice G. Fawcett Center for Tomorrow." And it is now my pleasure to recommend this action.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

President Fawcett responded as follows:

I have tried to analyze my feelings about this matter when the announcement was made at the Sunset Supper where I was completely taken back by one of the greatest surprises I have ever experienced in my life. I have been in education a long time and I have been involved in the construction of literally hundreds of buildings for educational programs. I must say, however, that I fell into a rather interesting trap in some of my responses to comments that evening at the Sunset Supper. Someone mentioned this building on that occasion and I remember saying that of all the buildings with which I had been involved this one came the closest in expressing my own personal philosophy. Then suddenly I heard a resolution read concerning the renaming of this facility which was somewhat embarrassing. I do sincerely feel very humble and I can assure you that you could not have chosen anything that would have touched me as deeply. I am very grateful to you gentlemen for violating your own rule in taking this action and, as long as I live and maybe a while after, there will be a little recollection on the part of others concerning what you have done this afternoon.

\*

\*

\*

June 2, 1972 meeting, Board of Trustees

XII. SALE OF PRESIDENT'S HOUSEHOLD FURNISHINGS

Mr. Safford presented the following recommendation:

I wish to propose that President Fawcett be authorized to purchase, at his own expense, certain household furnishings which are presently in the President's House, at a price established by averaging the individual appraisal made by three fully qualified independent appraisers.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

XIII. COMMITTEE APPOINTMENTS FOR 1972-1973

Mr. Eckley announced the following appointments to the various Committees and Boards for the 1972-1973 academic year:

Finance and Investment Committee

William C. Safford, Chairman  
Don M. Hilliker, Vice Chairman  
John H. Dunlap  
M. Merle Harrod

Retirement and Insurance Committee

John L. Gushman, Chairman  
Robert S. Dorsey, Vice Chairman  
Howard D. Sirak

Development Fund Board of Directors (one-year term)

Robert S. Dorsey  
Howard D. Sirak

Research Foundation Board of Directors  
(three-year term, July 1, 1970 - June 30, 1973)

John H. Dunlap

Association of Governing Boards of Universities and Colleges

James W. Shocknessy

Inter-University Council

James W. Shocknessy

\*

\*

\*

June 2, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 7, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

Page 622 Blank

APPENDIX XI

FEDERAL AVIATION AGENCY

Grant Agreement

Page 624 Blank

FEDERAL AVIATION AGENCY

**GRANT AGREEMENT**

Part 1-Offer

Date of Offer 17 MAY 1972

Ohio State University Airport

Project No. 8-39-0027-01

Contract No. DOT-FA-72-GL 6722

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

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

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated 14 April 1972, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

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

Land reimbursement including clear zone (309 acres); construct, mark and light NE-SW taxiway (1400' X 50'), taxiway between R/W 27R approach end and north operational area (600' X 50'), connecting parallel taxiway to R/W 9R extension (1650' X 50') and taxiway connecting R/W 9L and 9R (2250' X 50'); construct 27R holding apron (approx. 945 SY), 9R holding apron (approx. 2695 SY), 9L holding apron (approx. 945 SY), itinerant parking apron (approx. 4000 SY and 6200 SY), and 27L holding apron (approx. 2695 SY); light existing R/W 5-23 as taxiway (2200'); construct, mark and light (MIRL) R/W 9L-27R (3000' X 100') including construction of 140' extension to R/W 14-32; construct, mark and light (HIRL) extension to west end of R/W 9R-27L (600' X 100'); light (MIRL) R/W 14-32 (3000'); overlay T/W D (666' X 50') and taxiway between R/W 27L and edge of Fire Building apron (3250' X 50'); construct and floodlight apron east of tee hangars (approx. 24,000 SY); construct two stub taxiways (75' X 40' and 80' X 40'); install perimeter fence (approx. 23,000 l.f.); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R.

all as more particularly described in the property map and plans and specifications incorporated in the said Project Application;

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Federal Airport Act, as amended (49 U.S.C. 1101), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Project Application, and its acceptance of this Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION AGENCY, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 50 per centum of all such costs.

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

1. The maximum obligation of the United States payable under this Offer shall be \$ 1,279,332
2. The Sponsor shall:
  - (a) begin accomplishment of the Project within ninety days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
  - (b) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
  - (c) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41 (b) of the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57 - 151.63 of the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: Provided, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.
5. The Sponsor shall operate and maintain the airport as provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before \_\_\_\_\_ or such subsequent date as may be prescribed in writing by the FAA.
8. The Sponsor hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any federal program involving such grant, contract, loan insurance, or guarantee the following Equal Opportunity clause.

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

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- c. The contractor shall send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.
- f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rules, regulations, or order of the Secretary of Labor, or as otherwise provided by law.

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

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

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

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

9. The Sponsor hereby covenants and agrees that its financial records of the project, established, maintained and made available to personnel of the FAA in conformity to Section 151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) will also be available to representatives of the Comptroller General of the United States.

10. By its acceptance hereof, the Sponsor hereby covenants that to the extent it has or may have either present or future control over each area identified on the Exhibit "A" as "clear zone", and unless exceptions to or deviations from the following obligations have been granted to the Sponsor in writing by the FAA, it will clear said area or areas of any existing structure or any natural growth which constitutes an obstruction to air navigation with the standards established by Section 77.23 as applied to Section 77.25, Part 77, of the Federal Aviation Regulations; and the Sponsor further covenants that it will control the subsequent erection of structures and control natural growth to the extent necessary to prevent the creation of obstructions within said standards.
11. It is understood and agreed that the reference in Paragraph 7, Part III, Sponsor's Assurances of the Project Application to "Section 77.23 as applied to Section 77.27" is hereby revised to refer to "Section 77.23 as applied to Section 77.25."
12. The Sponsor hereby further covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the "Exhibit A" as "clear zone" or any portions thereof, concerning which the Sponsor has acquired a fee interest with federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation.
13. It is understood and agreed that the terms "Federal Aviation Agency" or "Federal Airport Act", wherever they appear in this agreement, in the Project Application, plans and specifications, or in any other document constituting a part of this agreement, shall be deemed to mean "Federal Aviation Administration" or the "Airport and Airway Development Act of 1970", as the case may be.
14. The Sponsor agrees that it will maintain a fee and rental structure for the facilities and services being provided the airport users which will make the airport as self-sustaining as possible under the circumstances existing at that particular airport, taking into account such factors as the volume of traffic and economy of collection.
15. It is also understood and agreed that Paragraph 2, Part III, of the Project Application is revised to read as follows:

The Sponsor will operate the airport as such for the use and benefit of the public. In furtherance of this covenant (but without limiting its general applicability and effect), the Sponsor specifically agrees that it will keep the airport open to all types, kinds, and classes of aeronautical use on fair and reasonable terms without discrimination between such types, kinds, and classes; provided, that the Sponsor may establish such fair, equal, and not unjustly discriminatory conditions to be met by all users of the airport; and provided further, that the Sponsor may prohibit or limit any given type, kind, or class of aeronautical use of the airport if such action is necessary -

- a. For safe and efficient use of the airport,
  - b. To keep operation activities within acceptable noise levels, or
  - c. To serve the civil aviation needs of the public.
16. It is understood and agreed that subparagraphs a. and b. of Paragraph 3 of Part III - Sponsor's Assurances of the Project Application - are amended and revised to delete the words "or hereafter" wherever they appear therein. It is the intent of this amendment to limit the application of the exclusive rights policy only to airports now owned or controlled by the Sponsor.
17. It is understood and agreed that Paragraph 10, Part III, of the Project Application is revised to read as follows:
- The Sponsor will furnish the FAA with such annual or special airport financial and operational reports as may be reasonably requested. Such reports may be submitted on forms furnished by the FAA, or may be submitted in such manner as the Sponsor elects as long as the essential data is furnished. The airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations, and other instruments will be made available for inspection and audit by the FAA and the Comptroller General of the United States, or his duly authorized representative upon reasonable request. The Sponsor will furnish to the FAA or the General Accounting Office a true copy of any such documents.
18. The Federal Government does not now plan or contemplate the construction of any structures pursuant to Paragraph 9 of Part III - Sponsor's Assurances of the Project Application dated 14 April 1972, and therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement. However, nothing contained herein shall be construed as altering or changing the rights of the United States and/or the obligations of the Sponsor under prior Grant Agreements to furnish rent-free space for the activities specified in such agreements.
19. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcels A, B, C, D and E, as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of fee title free and clear of all encumbrances deemed objectionable by the Federal Aviation Administration, or lesser property interests satisfactory to the Federal Aviation Administration.
20. It is understood and agreed that FAA approval of the project included in this agreement is conditioned on the sponsor's compliance with applicable air and water quality standards in accomplishing project construction and in operating the airport; further, that failure to so comply may result in suspension, cancellation or termination of Federal assistance under this agreement.

21. a. The parties hereto recognize that a continuing need exists for parking space for Government owned and controlled automotive equipment used or assigned for use in serving FAA facilities and equipment on or in the vicinity of the airport. It is agreed by the parties hereto that the Sponsor will continue to provide without charge, designated parking space as now exists in reasonable proximity to FAA operations for such automotive equipment and that no change or modifications will be made in such designation without the consent of the parties thereto or their designated representative.
- b. The parties hereto further recognize the need for adequate parking space for the motor vehicles used by the FAA employees for transportation to their place of employment and assigned duty stations on the airport. It is fully understood by and between the parties hereto that the Sponsor has made adequate parking space available to these employees on terms that are as favorable as those provided to the Sponsor's employees and the employees of others having duty stations on the airport. It is agreed by the parties hereto that the relationship now existing with respect to automobile parking space for FAA employees will continue and that no change will be made to alter this relationship or to either curtail or enlarge the demand for the parking facilities designated without the consent and concurrence of the parties hereto or their designated representatives.
22. It is understood and agreed that the Sponsor will operate the lighting system under the existing True Light Certificate.

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

UNITED STATES OF AMERICA  
FEDERAL AVIATION AGENCY

By *Rolland A. Hesin*  
(TITLE)  
Chief, Airports District Office  
Part II-Acceptance Cleveland, Ohio

The \_\_\_\_\_ does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_

Board of Trustees of the Ohio State University  
(Name of Sponsor)

(SEAL) By \_\_\_\_\_  
Title \_\_\_\_\_

Attest: \_\_\_\_\_

Title: \_\_\_\_\_

CERTIFICATE OF SPONSOR'S ATTORNEY

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

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

Dated at Columbus, Ohio \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_

\_\_\_\_\_  
Title \_\_\_\_\_

## PROJECT APPLICATION

(For Federal Aid for Development of Public Airports)

### Part I-PROJECT INFORMATION

The Board of Trustees of The Ohio State University (herein called the "Sponsor") hereby makes application to the Federal Aviation Administration (hereinafter called the "FAA"), for a grant of Federal funds pursuant to the Federal Airport Act and the Regulations issued thereunder, for the purpose of aiding in financing a project (herein called the "Project") for development of the Ohio State University Airport (herein called the "Airport") located in The City of Columbus State of Ohio.

It is proposed that the Project consist of the following-described airport development:

Land reimbursement for Airport Development and Clear Zones (309 Ac.); construct, mark and light NE/SW taxiway (1400'x50') and construct 27R holding apron (800 SY); construct, mark and light taxiway (600'x50') between R/W 27R approach end and the north operational area; light existing R/W 5-23 as taxiway (MITL 2200'); construct, mark and light (MIRL) R/W 9L-27R (3000'x100') including construction of 140' extension to R/W 14-32; construct, mark and light (MIRL) extension to west end of R/W 9R-27L (600'x100'); construct, mark and light connecting parallel taxiway (1650'x50') and construct 9R holding apron (2000SY); construct, mark and light taxiway (2250'x50') connecting R/W 9L and 9R and construct 9L holding apron (800 SY); construct itinerant parking apron between fire building and Division of Aviation hangar (4000 SY) and west of main hangars (6200 SY); construct based aircraft apron east of tee-hangars (24,000 SY) and stub taxiway (75'x50'); install MIRL R/W 14-32 (3000'); overlay taxiway between R/W 72L and east edge of fire building apron (3250'x50') and construct 27L holding apron (2000 SY); install perimeter fence (23,000 LF); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R.

all as more particularly described on the property map attached (hereto as Exhibit "A") \* ~~as Exhibit A to Project Application dated~~ ~~Project No.~~ ~~March 14, 1972~~, and in the plans and specifications submitted to the FAA on March 14, 1972 which are made a part hereof.

\*Strike out the inappropriate clause.

**THE FOLLOWING IS A SUMMARY OF THE ESTIMATED COSTS OF THE PROJECT:**

ITEM	TOTAL ESTIMATED COST	ESTIMATED SPONSOR'S SHARE OF COST		ESTIMATED FEDERAL SHARE OF COST	
		AMOUNT	PER-CENT	AMOUNT	PER-CENT
1. LAND COSTS	1,279,332	639,666	50	639,666	50
2. CONSTRUCTION COSTS	1,101,001				
3. ENGINEERING AND SUPERVISION COSTS	115,677				
4. ADMINISTRATIVE COSTS	8,904				
5. Total of 2, 3, and 4 above	1,225,582	612,791	50	612,791	50
6. CONTINGENCIES	53,750	26,875	50	26,875	50
7. TOTAL ALL ESTIMATED PROJECT COSTS (Items 1, 5, and 6)	2,558,664	1,279,332		1,279,332	

**Part II—REPRESENTATIONS**

The Sponsor hereby represents and certifies as follows:

1. **Legal Authority.**—The Sponsor has the legal power and authority: (1) to do all things necessary in order to undertake and carry out the Project in conformity with the Act and the Regulations; (2) to accept, receive, and disburse grants of funds from the United States in aid of the Project, on the terms and conditions stated in the Act and the Regulations; and (3) to carry out all of the provisions of Parts III and IV of this Project Application.

2. **Funds.**—The Sponsor now has on deposit, or is in a position to secure, § 1,279,332 for use in defraying the costs of the Project. The present status of these funds is as follows:

These funds have all been expended for acquisition of land (Item #1). All land included in this project has been acquired and payment therefore has been made in full.

3. **Compatible Land Use.**—The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

Sponsor has acquired extensive land holdings on and around the airport as shown on the property map and intends to acquire additional properties as funds become available.

Sponsor reviews all development proposals in the airport vicinity and appears at public hearings to testify in behalf of airport interests.

4. **Approvals of Other Agencies.**—The Project has been approved by all non-Federal agencies whose approval is required, namely:

State of Ohio - State Architect  
State of Ohio - Department of Public Works  
State of Ohio - Division of Aviation  
State of Ohio - Department of Development  
State of Ohio - Department of Natural Resources  
Mid-Ohio Regional Planning Commission  
Ohio State University - Board of Trustees

5. **Defaults.**—The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

No Exceptions

6. **Possible Disabilities.**—There are no facts or circumstances (including the existence of effective or proposed leases, use agreements, or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of Parts III and IV of the Project Application, either by limiting its legal or financial ability or otherwise, except as follows:

No Exceptions

7. **Land.**—(a) The Sponsor holds the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport, subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

The State of Ohio and the Board of Trustees of The Ohio State University have fee simple title, free and clear of all encumbrances subject to easements, in all land except four parcels within the Airport boundary limits as indicated on the property map, exhibit "A", dated 4/13/72, attached hereto and incorporated herein by reference.

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.

\* State character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land<sup>4</sup> on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

All land included in this project has been acquired.

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land<sup>4</sup> which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

All land included in this project has been acquired.

8. Exclusive Rights. There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

No Exceptions

---

<sup>4</sup> State character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

## Part III—SPONSOR'S ASSURANCES

In order to furnish the assurances required by the Act and Regulations the Sponsor hereby covenants and agrees with the United States, as follows:

1. These covenants shall become effective upon acceptance by the Sponsor of an offer of Federal aid for the Project or any portion thereof, made by the FAA and shall constitute a part of the Grant Agreement thus formed. These covenants shall remain in full force and effect throughout the useful life of the facilities developed under this Project, but in any event not to exceed twenty (20) years from the date of said acceptance of an offer of Federal aid for the Project.

2. The Sponsor will operate the Airport as such for the use and benefit of the public. In furtherance of this covenant (but without limiting its general applicability and effect), the Sponsor specifically agrees that it will keep the Airport open to all types, kinds, and classes of aeronautical use on fair and reasonable terms without discrimination between such types, kinds, and classes: *Provided*, That the Sponsor may establish such fair, equal, and not unjustly discriminatory conditions to be met by all users of the Airport as may be necessary for the safe and efficient operation of the Airport; *And Provided Further*, That the Sponsor may prohibit or limit any given type, kind, or class of aeronautical use of the Airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

### 3. The Sponsor—

a. Will not grant or permit any exclusive right forbidden by Section 308(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1349(a)) at the airport, or at any other airport now or hereafter owned or controlled by it;

b. Agrees that, in furtherance of the policy of the FAA under this covenant, unless authorized by the Administrator, it will not, either directly or indirectly, grant or permit any person, firm or corporation the exclusive right at the airport, or at any other airport now or hereafter owned or controlled by it, to conduct any aeronautical activities, including, but not limited to, charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity.

c. Agrees that it will terminate any existing exclusive right to engage in the sale of gasoline or oil, or both, granted before July 17, 1952, at such an airport, at the earliest renewal, cancellation, or expiration date applicable to the agreement that established the exclusive right; and

d. Agrees that it will terminate any other exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under the Federal Airport Act.

4. The Sponsor agrees that it will operate the Airport for the use and benefit of the public, on fair and reasonable terms, and without unjust discrimination. In furtherance of

this covenant (but without limiting its general applicability and effect), the Sponsor specifically covenants and agrees:

a. That in its operation and the operation of all facilities on the airport, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed, or national origin in the use of any of the facilities provided for the public on the Airport.

b. That in any agreement, contract, lease, or other arrangement under which a right or privilege at the Airport is granted to any person, firm, or corporation to conduct or engage in any aeronautical activity for furnishing services to the public at the airport, the Sponsor will insert and enforce provisions requiring the contractor:

(1) to furnish said service on a fair, equal, and not unjustly discriminatory basis to all users thereof, and

(2) to charge fair, reasonable, and not unjustly discriminatory prices for each unit or service; *Provided*, That the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.

c. That it will not exercise or grant any right or privilege which would operate to prevent any person, firm, or corporation operating aircraft on the Airport from performing any services on its own aircraft with its own employees (including, but not limited to maintenance and repair) that it may choose to perform.

d. In the event the Sponsor itself exercises any of the rights and privileges referred to in subsection b, the services involved will be provided on the same conditions as would apply to the furnishing of such services by contractors or concessionaires of the Sponsor under the provisions of such subsection b.

5. Nothing contained herein shall be construed to prohibit the granting or exercise of an exclusive right for the furnishing of nonaviation products and supplies or any service of a nonaeronautical nature or to obligate the Sponsor to furnish any particular nonaeronautical service at the Airport.

6. The Sponsor will operate and maintain in a safe and serviceable condition the Airport and all facilities thereon and connected therewith which are necessary to serve the aeronautical users of the Airport other than facilities owned or controlled by the United States, and will not permit any activity thereon which would interfere with its use for airport purposes; *Provided*, That nothing contained herein shall be construed to require that the Airport be operated for aeronautical uses during temporary periods when snow, flood, or other climatic conditions interfere with such operation and maintenance; *And Provided Further*, That nothing herein shall be construed as requiring the maintenance, repair, restoration or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the Sponsor.

7. Insofar as it is within its power and reasonably possible, the Sponsor will, either by the acquisition and retention of easements or other interests in or rights in the use of land or airspace or by the adoption and enforcement of zoning regulations, prevent the construction, erection, alteration, or growth of any structure, tree, or other object in the approach areas of the runways of the Airport, which would constitute an obstruction to air navigation according to the criteria or standards prescribed in Section 77.23, as applied to Section 77.27, Part 77 of the Federal Aviation Regulations. In addition, the Sponsor will not erect or permit the erection of any permanent structure or facility which would interfere materially with the use, operation, or future development of the Airport, in any portion of a runway approach area in which the Sponsor has acquired, or may hereafter acquire, property interests permitting it to so control the use made of the surface of the land.

8. All facilities of the Airport developed with Federal aid and all those usable for the landing and taking off of aircraft, will be available to the United States at all times, without charge, for use by military and naval aircraft in common with other aircraft, except that if the use by military and naval aircraft is substantial, a reasonable share, proportional to such use, of the cost of operating and maintaining facilities so used, may be charged. Unless otherwise determined by the FAA, or otherwise agreed to by the Sponsor and the using agency, substantial use of an airport by military and naval aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the FAA, would unduly interfere with use of the landing area by other authorized aircraft, or during any calendar month that:

a. Five (5) or more military or naval aircraft are regularly based at the airport or on land adjacent thereto; or

b. The total number of movements (counting each landing as a movement and each takeoff as a movement) of military or naval aircraft is 300 or more, or the gross accumulative weight of military or naval aircraft using the Airport (the total movements of military or naval aircraft multiplied by gross certified weights of such aircraft) is in excess of five million pounds.

9. Whenever so requested by the FAA, the Sponsor will furnish without cost to the Federal Government, for construction, operation and maintenance of facilities for air traffic control activities, or weather reporting activities and communication activities related to air traffic control, such areas of land or water, or estate therein, or rights in buildings of the Sponsor as the FAA may consider necessary or desirable for construction at Federal expense of space or facilities for such purposes. The approximate amounts of areas and the nature of the property interests and/or rights so required will be set forth in the Grant Agreement relating to the Project. Such areas or any portion thereof will be made available as provided herein within 4 months after receipt of written request from the FAA.

10. The Sponsor will furnish the FAA with such annual or special airport financial and operational reports as may be reasonably requested. Such reports may be submitted on forms furnished by the FAA, or may be submitted in such manner as

the Sponsor elects so long as the essential data are furnished. The Airport and all airport records and documents affecting the Airport, including deeds, leases, operation and use agreements, regulations, and other instruments, will be made available for inspection by any duly authorized representative of the FAA upon reasonable request. The Sponsor will furnish to the FAA, upon request, a true copy of any such document.

11. The Sponsor will not enter into any transaction which would operate to deprive it of any of the rights and powers necessary to perform any or all of the covenants made herein, unless by such transaction the obligation to perform all such covenants is assumed by another public agency found by the FAA to be eligible under the Act and Regulations to assume such obligations and having the power, authority, and financial resources to carry out all such obligations. If an arrangement is made for management or operation of the Airport by any agency or person other than the Sponsor or an employee of the Sponsor, the Sponsor will reserve sufficient rights and authority to insure that the Airport will be operated and maintained in accordance with the Act, the Regulations, and these covenants.

12. The Sponsor will keep up to date at all times an airport layout plan of the Airport showing (1) the boundaries of the Airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the Sponsor for airport purposes, and proposed additions thereto; (2) the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars, and roads), including all proposed extensions and reductions of existing airport facilities; and (3) the location of all existing and proposed nonaviation areas and of all existing improvements thereon. Such airport layout plan, and each amendment, revision, or modification thereof, shall be subject to the approval of the FAA, which approval shall be evidenced by the signature of a duly authorized representative of the FAA on the face of the airport layout plan. The Sponsor will not make or permit the making of any changes or alterations in the Airport or any of its facilities other than in conformity with the airport layout plan as so approved by the FAA, if such changes or alterations might adversely affect the safety, utility, or efficiency of the Airport.

13. Insofar as it is within its power and to the extent reasonable, the Sponsor will take action to restrict the use of land adjacent to or in the immediate vicinity of the Airport to activities and purposes compatible with normal airport operations including landing and takeoff of aircraft.

14. If at any time it is determined by the FAA that there is any outstanding right or claim of right in or to the Airport property, other than those set forth in Part II, paragraphs 7(a), 7(b), and 7(c), the existence of which creates an undue risk of interference with the operation of the Airport or the performance of the covenants of this Part, the Sponsor will acquire, extinguish, or modify such right or claim of right in a manner acceptable to the FAA.

15. Unless the context otherwise requires, all terms used in these covenants which are defined in the Act and the Regulations shall have the meanings assigned to them therein.

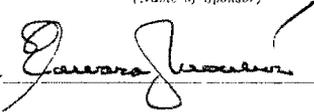
**Part IV-PROJECT AGREEMENT**

If the Project or any portion thereof is approved by the FAA, and an offer of Federal aid for such approved Project is accepted by the Sponsor, it is understood and agreed that all airport development included in such Project will be accomplished in accordance with the Act and the Regulations, the plans and specifications for such development, as approved by the FAA, and the Grant Agreement with respect to the Project.

IN WITNESS WHEREOF, the Sponsor has caused this Project Application to be duly executed in its name, this 14th day of April, 1972.

Board of Trustees of The Ohio State University

*(Name of Sponsor)*

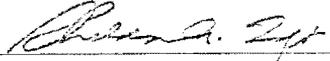
By 

Secretary

*(Title)*

**OPINION OF SPONSOR'S ATTORNEY**

I HEREBY CERTIFY that all statements of law made in this Project Application and all legal conclusions upon which the representations and covenants contained herein are based, are in my opinion true and correct.

  
Special Counsel for  
The Ohio State University  
*(Title)*

April 13, 1972  
*(Date)*

SPONSOR ASSURANCE TO ACCOMPANY PROJECT APPLICATION  
DATED April 14, 1972 FOR A GRANT  
OF FUNDS FOR THE DEVELOPMENT OR IMPROVEMENT OF  
The Ohio State University AIRPORT

Nondiscrimination in Federally Assisted Programs of the FAA

In order to furnish the assurances required by Title VI of the Civil Rights Act of 1964, and by Part 21 of the Regulations of the Office of the Secretary of Transportation; as extended, the Board of Trustees of The Ohio State University (insert name of Sponsor) (hereinafter called the "Sponsor") hereby covenants and agrees with the United States (hereinafter called the "Government") as follows:

The Sponsor, in the operation and use of the Ohio State University Airport, will not on the grounds of race, color, or national origin discriminate or permit discrimination against any person or group of persons in any manner prohibited by Part 21 of the Regulations of the Office of the Secretary of Transportation.

The Sponsor will also include, or require the inclusion, in every agreement or concession pursuant to which any person, other than the Sponsor, operates or has the right to operate any facility on the Airport providing services to the public, the foregoing covenant as an obligation assumed by that person, together with a provision granting the Sponsor the right to take such action as the Government may direct to enforce that covenant.

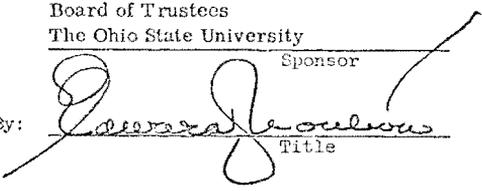
Noncompliance with the above assurances shall constitute a material breach, and in the event of such noncompliance, the Government may take appropriate action to enforce compliance, may terminate the Grant Agreement to which this covenant relates, or seek judicial enforcement.

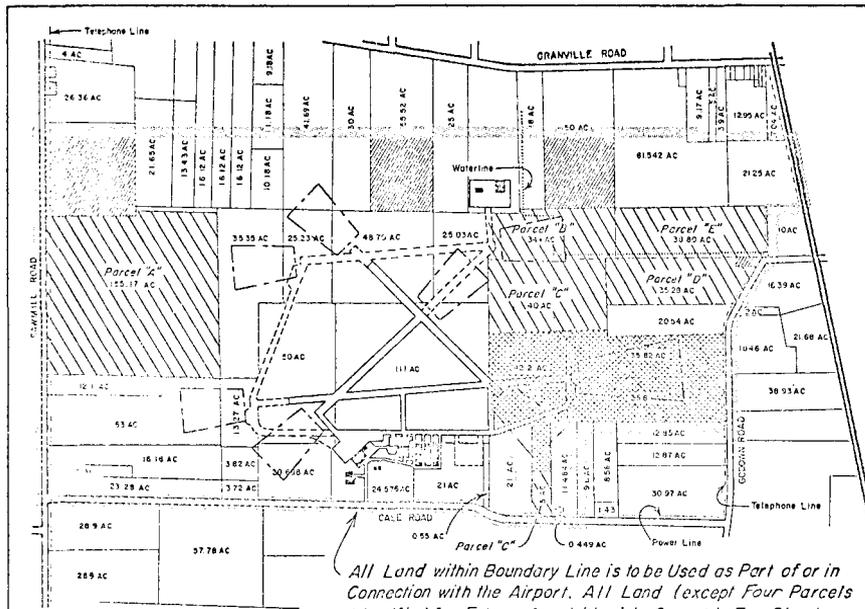
The covenant shall become effective upon execution of a Grant Agreement pursuant to the above identified project application and shall constitute part of the Grant Agreement to which it relates and shall remain in full force and effect so long as the airport covered by such agreement continues to be used and operated as a public airport.

Board of Trustees  
The Ohio State University

\_\_\_\_\_  
Sponsor

Date: April 17, 1972

By:   
Title



### LEGEND

-  Planned Future Acquisition
-  Land Included in this Project, Copies of Warranty Deeds Containing Legal Descriptions have been Submitted to FAA - Cleveland.
-  Land Included in FAA Project # 9-33-044-02
-  Land Included in FAA Project # 9-33-044-01

### LAND INCLUDED IN THIS PROJECT:

- A. Parcel "A"- Purchased from Tuiler 12/69  
155.17 Acres at Total Cost of \$930,720.00. Owned in Fee Simple. Telephone Line along Sawmill Road. No Easements.
- B. Parcel "B"- Purchased from Mitchell 6/62  
34 Plus Acres at Prorated Cost of \$ 62,800.00. Owned in Fee Simple. Waterline (underground) Easement as Shown.
- C. Parcel "C" - Purchased from Gable 12/53  
45 Acres at Total Cost of \$ 27,600.00. Owned in Fee Simple. Power Line Easement along Cose Road
- D. Parcel "D" - Purchased from Webb-Blackmore 8/70  
35.28 Acres at Total Cost of \$200,000.00. Owned in Fee Simple. Telephone Line along Godown Road. No Easements.
- E. Parcel "E"- Purchased from Trees 4/56  
38.80 Acres at Total Cost of \$ 58,212.00. Owned in Fee Simple. Telephone Line along East Boundary. Water Line ( underground ) Easement as Shown.

THE OHIO STATE UNIVERSITY

UNIVERSITY AIRPORT

COLUMBUS, OHIO

PROPERTY MAP - EXHIBIT A

ADAP PROJECT # 8-39-CO27-01

APRIL 13, 1972

Page 642 Blank

APPENDIX XII

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 9, 1972

Page 644 Blank

## The Recipients of Honors

### JOHN ENGLEBERT DUNPHY

Doctor of Science

*Distinguished surgeon, scientist, and educator, whose contributions have had worldwide influence in the art and science of surgery.*

J. Englebert Dunphy has extended his energies and creative interests in a 40 year career to strengthen health and surgical education in the United States. Dr. Dunphy received his bachelor's degree from Holy Cross and his medical degree from Harvard University. The foundation for his outstanding career in medical research began at Harvard where his personal skills in surgery inspired countless students and culminated in his appointment as Director of the 5th Surgical Service and Sears Surgical Laboratory, Boston City Hospital.

From Boston, his surgical, educational, and administrative attributes grew apace. In 1959, he became Chairman of Surgery at the University of Oregon. Since 1964, Dr. Dunphy has capably served as Chairman of the Department of Surgery at the University of California at San Francisco, with visiting professorships at The Ohio State University in 1967 and 1970. With a mind hospitable to the great traditions of medical research, his vigorous scientific labors have produced 250 publications including basic texts for the training of medical students and young surgeons.

He has been honored by membership in every distinguished surgical society in the United States as well as numerous surgical societies overseas, sharing his energy in the development of worldwide cooperation among surgeons. He has served for two years as President of the Federation of Surgical Colleges representing 40 countries. His leadership has been further acknowledged by election to the presidency of six major professional societies and as Chairman of the Board of Regents of the American College of Surgeons.

The Ohio State University is proud to honor John Englebert Dunphy for his lifelong contributions to science and health care in the United States and for his outstanding efforts to improve the teaching of surgery, both nationally and through international cooperation.

### JOSEPH HOWARD KOFFOLT

Doctor of Science

*Noted educator and innovative scholar, widely recognized for professional dedication to the forward thrust of chemical engineering in America.*

A nationally known authority in the field of chemical engineering, Joseph H. Koffolt's career has spanned a wide range of occupational interests. A graduate of The Ohio State University, Dr. Koffolt joined the University's staff as a teaching assistant in chemical engineering in 1929 and by 1940 had attained the rank of full professor. He became Chairman of the department in 1948 and ably maintained this position for the next two decades. During his Chairmanship, Dr. Koffolt worked diligently to advance the stature and prominence of not only his immediate department, but the overall contributions of his field as well. His inspiring teaching has been noted by more than forty graduating classes of chemical engineers.

Although Dr. Koffolt's educational contributions are of substantial importance, they by no means monopolize his occupational accomplishments. One of the early and important contributors to the development and use of nomographs, his research dealt with fundamental and applied aspects of distillation and liquid-liquid extraction processes. As an industrial consultant with the federal and state governments, he has had extensive experience in the areas of explosives and thermodynamics. In industry he has held positions with the American Steel and Wire Company, the Industrial Rayon Corporation, and the American Potash and Chemicals Corporation.

Active in professional affairs, Dr. Koffolt is affiliated with a number of organizations including the American Chemical Society and the American Society for Engineering Education. He is also a member of honorary professional societies such as Tau Beta Pi and Sigma Xi. Honored by the rank of Fellow from the American Institute of Chemical Engineers, he is a recipient of their Founder's Award as well as the Technical Man of the Year Award from the Columbus Technical Council.

The Ohio State University is proud to confer the honorary degree, Doctor of Science, upon Joseph Howard Koffolt, an alumnus who has given a lifetime of distinguished service to his alma mater and to the advancement of his profession.

## ALAN GREGORY LOOFBOURROW

Doctor of Science

*Pre-eminent automotive engineer whose imagination, ingenuity, and integrity are of the highest caliber.*

Long a pioneer in Detroit's automotive engineering industry, Alan G. Loofbourrow received his undergraduate degree in mechanical engineering from The Ohio State University. He went on to complete degrees at both the University of Michigan and the Chrysler Institute of Engineering. His formal education at the Institute proved to be only the beginning of what was to become an extensive and distinguished career with Chrysler Corporation, culminating with his appointment as Vice President of Engineering and Research.

A man with many innovations to his credit, Mr. Loofbourrow has established himself as one of the nation's foremost creative engineers. He introduced the first production application of power steering and disc brakes to passenger cars as well as the first torsion-bar suspension system to be applied to high volume, mass-produced automobiles. His inventions in the area of automatic transmissions have evolved into the classic design for the industry. Unibody construction, improvements in safety glass, the introduction of the alternator as an industry first, and the slant-six engine are yet other areas of his engineering contributions. He advocated standards and specifications for increased and improved vehicle safety, quality, and service far in advance of the current drive for such measures.

Aside from the mechanics of automotive development, Mr. Loofbourrow has had an active interest in civic affairs. A member of the Greater Detroit Board of Commerce, he has served as Co-chairman of the Junior Achievement of Southwest Michigan and has been Fund Drive Unit Chairman of that organization. He has also maintained a link with The Ohio State University through the Mechanical Engineering Department's Visiting Committee which serves as an advisory group to the faculty, joining industry and education in long range planning.

For combining unparalleled executive and engineering abilities with the humanitarian utilization of these talents, The Ohio State University honors Alan Gregory Loofbourrow.

## ARMIN H. MEYER

Doctor of Laws

*Honorable government official whose diplomatic acumen is high tribute to American representation abroad.*

Ambassador Armin Meyer is a career diplomat with 29 years of service to our nation, entering the Foreign Service at the end of World War II. Since his first assignment with the United States Office of War Information in Cairo, Mr. Meyer has represented our country as an emissary around the globe.

As Public Affairs Officer for the American Embassy in Baghdad, he developed a keen awareness of, and interest in, Middle East affairs. From 1952 to 1955 he served in Beirut and was Charge d'Affaires ad interim at the American Embassy in the Lebanese capital. Until his reassignment as Deputy Chief of Mission in Afghanistan, Ambassador Meyer was successful in cementing several agreements concerning international oil rights.

Returning to Washington, D.C., Mr. Meyer served as Deputy Assistant Secretary of State for Near Eastern and South Asian Affairs from 1957 to 1961. The responsibilities of this position included the coordination of 18 foreign countries, ranging from Greece to India.

Again accepting overseas appointment, Ambassador Meyer was the chief of the United States Mission in Iran until 1965. During his tenure in Iran, our country's foreign aid programs to the nation diminished as local citizens became more self-sufficient. From Iran, Mr. Meyer assumed his most recent appointment as Ambassador to Japan. Historic developments during his service include negotiations for the return of Okinawa to the Japanese and the promotion of harmonious and cooperative trade relations between our country and Japan.

Prior to his affiliations with the Foreign Service, Mr. Meyer was Dean of Men and associate professor of mathematics at Capital University, his undergraduate alma mater. He is also a summa cum laude graduate of the Evangelical Lutheran Theological Seminary as well as a recipient of the Master of Arts degree from The Ohio State University.

For his continuing loyal support of responsible and effective government service, The Ohio State University honors Armin H. Meyer with the honorary degree, Doctor of Laws.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Musical Arts

Two candidates

Betty Oberacker, Cleveland  
B.M., M.M. (Cleveland Institute of Music)  
*Dissertation:* The Preludes of the Well-Tempered Clavier, Volume I, of Johann Sebastian Bach: A Commentary and Analysis  
*Field of Specialization:* Music

Raymond Benjamin Sidoti, Cleveland  
B.M., M.M. (Cleveland Institute of Music)  
*Dissertation:* The Violin Sonatas of Béla Bartók: An Epitome of the Composer's Development  
*Field of Specialization:* Music

### Doctor of Philosophy

One hundred and eighty three candidates

David Stewart Adams, Columbus  
B.A. (Piedmont College)  
*Dissertation:* Goal and Structural Succession in a Voluntary Association: A Constructed Type of the American Red Cross Chapter in Natural Disasters  
*Field of Specialization:* Sociology

Richard Neil Adams, Pemberton  
B.S.Agr., M.A.  
*Dissertation:* Continuing Education for Technical College Students  
*Field of Specialization:* Agricultural Education

John Ademola Adedeji, Okemesi, Nigeria  
B.S., M.A. (Western Michigan University)  
*Dissertation:* Physical Education and Nation Building in Nigeria  
*Field of Specialization:* Physical Education

Pushpa Purushottam Agashe, Pittsburgh, Pa.  
B.A., M.A. (University of Poona); M.S. (Carnegie-Mellon University)  
*Dissertation:* Adjacent Topologies  
*Field of Specialization:* Mathematics

\*Beverlee Byler Anderson, West Liberty  
B.S.Bus.Adm., B.S.Ed.  
*Dissertation:* The Influence of Seals of Certification on Consumer Attitudes for Selected Products  
*Field of Specialization:* Business Administration

Gwyn Delmont Angus, Columbus  
B.A. (Anderson College); M.A.  
*Dissertation:* Prediction of Academic and Clinical Success at The Ohio State University School of Allied Medical Professions  
*Field of Specialization:* Education

Larry George Arlian, Loveland, Colo.  
B.S., M.S. (Colorado State University)  
*Dissertation:* Equilibrium and Non-equilibrium Water Exchange Kinetics in an Atracheate Terrestrial Arthropod, *Dermatophagoides farinae* Hughes  
*Field of Specialization:* Entomology

Norma Saxe Barnebey, Columbus  
B.S.Ed., M.A.  
*Dissertation:* The Study of the Effect of the Race of Examiner on the Test Performance of Negro and White Children  
*Field of Specialization:* Education

Stephen Hayden Barnes, Washington, D. C.  
B.Mus. (Peabody Conservatory of Music); M.A.  
*Dissertation:* The High School Instrumental Music Teacher Role: An Exploration of Interposition Consensus  
*Field of Specialization:* Music

James Jackson Barnette, Troy  
B.S.Ed., M.A.  
*Dissertation:* The Development and Evaluation of a Pre-Statistics Orientation Manual for Students in the Behavioral Sciences  
*Field of Specialization:* Education

James Richard Barth, North Hollywood, Calif.  
B.A. (Sacramento State College); M.A. (University of New Mexico)  
*Dissertation:* Cash Adjustments of Commercial Banks  
*Field of Specialization:* Economics

Pramode Kumar Bhagat, Dayton  
B.E.E. (Indian Institute of Technology); M.S.E.E. (University of Cincinnati)  
*Dissertation:* A Mathematic Investigation of the Left Dentricular Distensibility in Healthy Closed-Chest Dogs  
*Field of Specialization:* Electrical Engineering

Dorothy T. Blakley, Fostoria  
B.S. in Ed. (Bowling Green State University); M. Ed. (University of Toledo)  
*Dissertation:* A Profile and Analysis of the Commuter Student at the Ohio State University  
*Field of Specialization:* Education

Therese Marcelle Bonin, St. Andre le Desert, France  
Licence (University of Grenoble)  
*Dissertation:* A Rationale for Including Colloquial French as an Integral Part of French Language Studies  
*Field of Specialization:* Education

Terrence Allen Boring, Charlottesville, Va.  
B.A. (Texas Lutheran College); M.A.  
*Dissertation:* Studies in Spartan History  
*Field of Specialization:* Classics

Rejean Bouchard, Quebec, Que., Canada  
B.Sc.Agr., M.Sc. (Laval University)  
*Dissertation:* The Sulfur Requirement of Lactating Dairy Cows  
*Field of Specialization:* Dairy Science

Michael Higgins Bowman, Ironton  
B.S., M.S. (Ohio University)  
*Dissertation:* The Conformation, Cytology and Synaptology of the Opossum Inferior Ovary Nucleus  
*Field of Specialization:* Anatomy

Ernest Hoff Broadwater, Philadelphia, Pa.  
B.Ed. (Keene State College); Ed.M. (Temple University)  
*Dissertation:* An Explanatory Study of the Representative Validity of the Observational System for Instructional Analysis  
*Field of Specialization:* Education

Charles Raymond Brown, Columbus  
B.S. Ed. (Marion College); M.S. (Butler University)  
*Dissertation:* Assessment of Television and Video Tape Recordings for Utilization in Continuing Medical Education  
*Field of Specialization:* Education

\* Also Master of Business Administration, Graduate School

- Harold Eugene Brown, Columbus  
A.B. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.  
*Dissertation*: The Story of Education in Lutheran Mission and the Evangelical Lutheran Church of New Guinea: 1886-1970  
*Field of Specialization*: Education
- Eddie Buckles, Chicago, Ill.  
B.S. (Alcorn Agricultural and Mechanical College); M.A.  
*Dissertation*: A History of Physical Education and Athletics at Alcorn Agricultural and Mechanical College  
*Field of Specialization*: Physical Education
- John Delmas Burkhart, Columbus  
A.B. (College of Saint Charles Borromeo); M.A.  
*Dissertation*: A Comparative Study of the Attitudes of High School Seniors Regarding Marriage  
*Field of Specialization*: Education
- Charles Wayne Byers, Lexington, Ky.  
B.S. in Agr. (Murray State College); M.S. in Edu. (University of Kentucky)  
*Dissertation*: The Relationship of Selected Variables to the Supervision Provided Students of Vocational Agriculture by Their Teachers  
*Field of Specialization*: Agricultural Education
- Miriam Whitsett Cardi, Columbus  
B.S. Bus. Adm., M.A.  
*Dissertation*: The Relationship between Sex-Role and Trust among Women, as Measured by Cooperation/Competition  
*Field of Specialization*: Psychology
- Edward Charles Chaloupka, Jamaica, N. Y.  
B.A., M.S. (Queens College)  
*Dissertation*: The Physiological Effects of Two Maintenance Programs Following Eight Weeks of Interval Training  
*Field of Specialization*: Physical Education
- Ping-Leung Chan, New Haven, Conn.  
B.A., M.A. (University of Hong Kong); M.A. (Yale University)  
*Dissertation*: Ch'u Ts'u and Shamanism in Ancient China  
*Field of Specialization*: East Asian Languages and Literatures
- Adrian Derral Cheatwood, Ponca City, Okla.  
B.A. (Oklahoma State University); M.A.  
*Dissertation*: Restrictive Labels in a Juvenile Correctional Setting  
*Field of Specialization*: Sociology
- Yie wen Chien, Taipei, Taiwan  
B.S. (Kaohsiung Medical College)  
*Dissertation*: Non-Steady-State and Steady-State Membrane Permeation Studied by Rotating-Electrode Polarography  
*Field of Specialization*: Pharmacy
- Richard Mondell Cogger, Xenia  
B.S. (Savannah State College); M.A. (Ball State University)  
*Dissertation*: The Development of a Selection Model and an Effectiveness Model to Assist Teachers in Monitoring the Levels of Accountability of Educational Media  
*Field of Specialization*: Education
- Dorothy Trautman Coon, Columbus  
B.S. in Ed. (State University College for Teachers at Buffalo); M.S. in Ed. (State University of Education, Buffalo)  
*Dissertation*: The Intuitive Concept of Limit Possessed by Pre-calculus College Students and Its Relationship with Their Later Achievement in Calculus  
*Field of Specialization*: Education
- Michael Roy Cooper, Hackensack, N. J.  
B.A. (Hofstra University); M.A. (Long Island University)  
*Dissertation*: Satisfaction, Perceived Influence, and Decision-Riskiness: The Effects of Participation and Commitment in Decision-Making Groups  
*Field of Specialization*: Psychology
- Daniel Frederick Davis, Brooklyn, N. Y.  
B.S. (State University College of Education, Oswego); M.A. (Brooklyn College)  
*Dissertation*: The Role of East Asian Studies in American Secondary Education: An Evaluative and Comparative Conceptual Approach  
*Field of Specialization*: Education
- George Arliss Davis, Ashland, Ky.  
B.A. (Kentucky State College); M.A.  
*Dissertation*: Secondary School Geography: Its Relevancy to Black Students  
*Field of Specialization*: Education
- Murlidhar Radhakrishna Dharmadhikari, Multai, India  
B.Sc. Agr. (Vikram University); M.Sc. (Indian Agricultural Research Institute)  
*Dissertation*: Changes in Sugars, Organic Acids, and Mineral Nutrient Composition of Chelois (S. 10878) Grapes, at Various Stages of Growth, in Response to N and K Treatments  
*Field of Specialization*: Horticulture
- James Francis Donovan, Hopatcong, N. J.  
B.S. (State University College of Education, Plattsburg); M.S. (Syracuse University)  
*Dissertation*: Academic or Social Orientation of Special Class Teachers Related to Academic Achievement, Self Concept and Adaptive Behavior of EMR Students  
*Field of Specialization*: Education
- George Chester Ebner, Columbus  
B.S.E.E., M.S.E.E. (Massachusetts Institute of Technology)  
*Dissertation*: An Associatively Controlled Functional Multiprocessor for Real-Time Applications  
*Field of Specialization*: Electrical Engineering
- Thrainn Eggertsson, Reykjavik, Iceland  
B.A. (University of Manchester)  
*Dissertation*: Economic Aspects of Higher Education Taken under the World War II GI Bill of Rights  
*Field of Specialization*: Economics
- Victor Jonathan Ekong, Ibadan, Nigeria  
B.Sc. (University of Ibadan); M.S.  
*Dissertation*: Rate of Convergence of Hermite Interpolation Based on the Roots of Certain Jacobi Polynomials  
*Field of Specialization*: Computer and Information Science

- Jane Rawson Evans, Winnipeg, Man., Canada  
B.A. (Acadia University); B.Ed. (Saint Francis Xavier University); Dip. P.E. (Dalhousie University); M.Sc. (Wisconsin State University)  
*Dissertation:* A Comparison of the Synchronous, Rhythmic Motor, and Spontaneous Rhythmic Movement of Educable Mentally Retarded and Normal Children  
*Field of Specialization:* Physical Education
- Fred Walter Fanning, Covington  
B.S., M.A.  
*Dissertation:* The Effects of Classroom Instruction in Behavioral Principles upon Student Tardiness Behavior  
*Field of Specialization:* Psychology
- Lawrence Friedman, Cleveland Heights  
B.E.M., M.S.  
*Dissertation:* Electrochemical Studies of Oxygen in Liquid Metals  
*Field of Specialization:* Metallurgical Engineering
- Sandra Park Gadell, Columbus  
B.A., M.A. (State University of Iowa)  
*Dissertation:* The Development and Testing of Programmed Materials for Teaching Phonics to Pre-Service Teachers  
*Field of Specialization:* Education
- Albert Harding Ganz, Columbus  
B.A. (Wittenberg University); M.A. (Columbia University)  
*Dissertation:* The Role of the Imperial German Navy in Colonial Affairs  
*Field of Specialization:* History
- Bhagwan Dass Garg, Hissar, India  
B.V.Sc. and A.H. (Panjab University); M.Sc. V.M. and A.H. (Panjab Agricultural University)  
*Dissertation:* Pharmacological and Biochemical Studies on Disposition of Optical Isomers of Catecholamines  
*Field of Specialization:* Pharmacy
- Jarrell Willis Garsee, Mt. Vernon  
Th.B. (Bethany Nazarene College); B.D. (Nazarene Theological Seminary); M.S. (University of Oklahoma)  
*Dissertation:* Some Developmental Correlates Individually-Perceived Generation Differences in Value Role-Taking  
*Field of Specialization:* Psychology
- Leonard Albert Gideon, Fort Worth, Tex.  
B.S. (Texas Agricultural and Mechanical University); M.S.  
*Dissertation:* Immunological Parameters of Renal Transplantation in the Canine  
*Field of Specialization:* Microbiology
- Emerson DeWitt Gilbert, Indianapolis, Ind.  
A.B. (Asbury College); Ed.M. (Oregon State College)  
*Dissertation:* Teaching Styles Prevalent in Satisfying and Dissatisfying College Credit Courses as Perceived by Adult Students  
*Field of Specialization:* Education
- Robert Loomis Gordon, Manchester, Conn.  
B.S. (Pennsylvania State University); M.S. (Rensselaer Polytechnic Institute)  
*Dissertation:* The Organization and Control of a Slave Memory Hierarchy  
*Field of Specialization:* Computer and Information Science
- Calvin Frederick Grass, Castleton, Vt.  
A.B. (Boston University); M.Edu. (University of Maine)  
*Dissertation:* A Study Relating Levels of Understanding of Selected Concepts of Motion to Chronological Age Using Verbal Response to Visual Stimulus  
*Field of Specialization:* Education
- Seth Neil Greenberg, New Hyde Park, N. Y.  
B.A. (Queens College); M.A.  
*Dissertation:* Visual Word Recognition as a Function of Meaning and Graphic Familiarity  
*Field of Specialization:* Psychology
- John William Gregory, Columbus  
B.A. (Lebanon Valley College); M.A. (Wesleyan University)  
*Dissertation:* The Impact of the Verbal Environment in Mathematics Classrooms on Seventh Grade Students' Logical Abilities  
*Field of Specialization:* Education
- David Lewis Greth, Columbus  
B.A. (Albright College); M.A. (Temple University)  
*Dissertation:* Anomic, Suicidal Ideation, and Student Ecology in a College Population  
*Field of Specialization:* Psychology
- Philip Eicks Grundlehner, Spring Lake, N. J.  
B.A. (University of Pennsylvania); M.A. (Tufts University)  
*Dissertation:* The Bridge in German Poetry: Its Symbolic Functions  
*Field of Specialization:* German
- Sumit Gunanukorn, Bangkok, Thailand  
B.Ed. (Chulalongkorn University); M.A.  
*Dissertation:* A Rationale for Human Relations Education in an Intercultural Context  
*Field of Specialization:* Education
- Charles Dewey Harris, Silver Spring, Md.  
B.S., M.A. (University of Maryland)  
*Dissertation:* The Effect of Isometric Exercise on the Systolic Time Intervals of the Cardiac Cycle  
*Field of Specialization:* Physical Education
- Larry Stephen Haverkos, Cincinnati  
B.S. (University of Cincinnati); M.A.  
*Dissertation:* Liberalism and Education: Four Views  
*Field of Specialization:* Education
- David Thomas Hayes, Garfield Heights  
B.S. (Ohio University); M.A.T. (Duke University)  
*Dissertation:* Effects of Two Methods of Presenting Homework upon Attitude, Achievement, and Perceptions of Study Habits in a College Mathematics Course  
*Field of Specialization:* Education
- Budd Hansel Hebert, Richmond, Va.  
B.S., M.A. (Arizona State University)  
*Dissertation:* Spatial Analysis of Domestic United States Air Passenger Traffic: A Network Analysis Approach  
*Field of Specialization:* Geography
- John Phillips Henderson, Fairborn  
B.S. in M.E. (Case Institute of Technology); M.S.  
*Dissertation:* Vibration Analysis of Curved Skin-Stringer Structures Having Tuned Elastomeric Dampers  
*Field of Specialization:* Engineering Mechanics

- John Porter Henderson, Irondele  
B.S. in Ed. (Kent State University); M.A.  
*Dissertation*: Public Higher Education Policy-Making in State Government: A Case Study of the Ohio Plan  
*Field of Specialization*: Education
- John Howard Hillison, Mt. Carmel, Ill.  
B.S., M.Ed. (University of Illinois)  
*Dissertation*: Manpower Needs in Environmental Management  
*Field of Specialization*: Agricultural Education
- Helen McConnell Hord, Columbus  
A.B. (Kentucky State College); M.Ed.  
*Dissertation*: The Significance of Black Literature in the Language Arts Program of a Predominantly Black Junior High School  
*Field of Specialization*: Education
- Tsau-Yuen Huang, Kaohsiung, Taiwan  
B.Med. (Kaohsiung Medical College); M.S.  
*Dissertation*: Histopathology of Intramyocardial Arteries in Normal and Arteriosclerotic Hearts  
*Field of Specialization*: Pathology
- Richard Joseph Huelsman, Worthington  
B.S. (John Carroll University); S.T.L. (Bellarmine School of Theology of Loyola University); M.A.  
*Dissertation*: Implications in the Work of Teilhard De Chardin for a Philosophy of Guidance  
*Field of Specialization*: Education
- Charles David Hufford, Sycamore  
B.S.Pharm.  
*Dissertation*: Studies in the Chemistry of Cytotoxic Terpenoid Compounds  
*Field of Specialization*: Pharmacy
- Manuel J. Iglesias, Springfield  
B.Ed. (University of Miami); M.Ed. (Florida Atlantic University)  
*Dissertation*: Spain's Instructional Television System: A Critical Assessment  
*Field of Specialization*: Education
- Nasruddin Iljas, Palembang, Indonesia  
Ir. (Institute of Agriculture); M.S.  
*Dissertation*: Development of Quality Evaluation of Soybean-Based Food - Tempeh  
*Field of Specialization*: Horticulture
- Edmund Gale James, Caldwell  
B.A., B.S.Ed., M.A.  
*Dissertation*: The Law and Student Rights  
*Field of Specialization*: Education
- Robert William Jericho, Lakewood  
A.B. (Baldwin-Wallace College); M.A.  
*Dissertation*: An Analysis of Certain Personality Variables on Adult Team Sport Participation  
*Field of Specialization*: Education
- Maloyd Earl Jones, Jr., Tuscaloosa, Ala.  
B.S.Sec.Ed. (Alabama State College); M.S. (Tennessee Agricultural and Industrial State University)  
*Dissertation*: Work Experience Programs in Business Education of Selected Undergraduate Institutions  
*Field of Specialization*: Education
- Lillian M. Junas, Hazelton, Pa.  
B.A., M.A. (Pennsylvania State University)  
*Dissertation*: Use of Photographs in American Daily Newspapers: An Analysis  
*Field of Specialization*: Education
- Robert Rudolph Jurick, Canonsburg, Pa.  
B.S.M.E. (Carnegie Institute of Technology); M.Edu. (Saint Lawrence University); M.S.  
*Dissertation*: Computer-Oriented Instructional System for Teaching Analytic Geometry  
*Field of Specialization*: Education
- Karol Anne Kahrs, Atlanta, Ga.  
B.S.Ed. (University of Georgia); M.A.  
*Dissertation*: The Relationship of Mental Image to Skill Performance in Tennis  
*Field of Specialization*: Physical Education
- Daniel Miles Kalish, Fairview Park  
B.S.Ed., M.Ed. (Kent State University)  
*Dissertation*: The Effects on Achievement of Using Behavioral Objectives with Fifth Grade Students  
*Field of Specialization*: Education
- Carolyn Mae Karr, Huntington, W. Va.  
B.A., M.A. (Marshall University)  
*Dissertation*: The Implications of the Technological Society for the Teaching of Social Studies  
*Field of Specialization*: Education
- James Michael Ketchel, Falls Church, Va.  
A.B. (San Francisco State College); M.A. (San Jose State College)  
*Dissertation*: The Development of Methodology for Evaluating the Effectiveness of a Volunteer Health Planning Organization  
*Field of Specialization*: Psychology
- Sangsin Kim, Flushing, N. Y.  
M.D. (Catholic Medical College); M.S.  
*Dissertation*: The Histochemistry of Creatine Kinase  
*Field of Specialization*: Pathology
- Betty Friedman Klapper, Columbus  
B.S. (University of Michigan); M.A. (University of California at Berkeley)  
*Dissertation*: Studies on the Extracellular Protease of *Aspergillus Oryzae*: Catalytic Properties and Biological Appearance  
*Field of Specialization*: Botany
- James Earl Klinzing, West Allis, Wis.  
B.S. (Wisconsin State University); M.A.  
*Dissertation*: The Metabolic Energy Sources as Affected by Interval Training  
*Field of Specialization*: Physical Education
- August Wilfred Korb, Havre, Mont.  
B.S. (Northern Montana College); M.Ed. (Colorado State University)  
*Dissertation*: A Study of Selected Practices in the Use of Advisory Committees, Community Surveys, and Placement Services in Trade and Industrial Education Programs in Ohio  
*Field of Specialization*: Education

- Mark Anthony Krabbe, Cincinnati  
A.B. (University of Dayton) ; M.A.  
*Dissertation*: High School Seminaries in Ohio  
*Field of Specialization*: Education
- Joseph Clement Kretschmer, Columbus  
B.S.Ed. (University of Missouri) ; M.A. (California State  
College at Los Angeles)  
*Dissertation*: Measuring Reading Comprehension  
*Field of Specialization*: Education
- Bette Emeline Landman, Philadelphia, Pa.  
B.S. in Ed. (Bowling Green State University) ; M.A.  
*Dissertation*: Household and Community in Canouan,  
British West Indies  
*Field of Specialization*: Anthropology
- Lloyd Richard Larcom, Troy  
B.S., M.A.  
*Dissertation*: The Regressive Effects of Frustration upon  
the Concrete Reasoning Ability of Seven-Year-Old Boys  
*Field of Specialization*: Psychology
- Graham John Larson, Sandstone, Minn.  
B.A. (Gustavus Adolphus College) ; M.S.  
*Dissertation*: A Study of the Relative Effects of Patterns  
of Repetition on the Learning and Retention of the Limit  
Concept in a College Mathematics Course  
*Field of Specialization*: Education
- Russell Lomax Leonard, Jr., Richmond, Va.  
B.A. (University of Richmond) ; M.A.  
*Dissertation*: Congruity of Expectations and Personality  
Characteristics as Determinants of Decisions in a  
Simulated Employment Interview Setting  
*Field of Specialization*: Psychology
- Sigmund Alan Lephart, Columbus  
B.S.Ed. (Ohio University) ; M.S. (University of Illinois)  
*Dissertation*: A Mechanical Analysis of Forward  
Somersaulting Skills in Rebound Tumbling  
*Field of Specialization*: Physical Education
- Dale Franklin Levering, Jr., Grantsville, W. Va.  
A.B. Ed. (Glenville State College) ; M.S.  
*Dissertation*: An Autecological Study of *Polygonatum  
pubescens* (Willd.) Pursh and *Polygonatum biflorum*  
(Walt.) Ell. Emphasizing Inter- and Intra-Specific  
Photosynthetic and Respiratory Rate Variation  
*Field of Specialization*: Botany
- Ann Elizabeth Liston, Wooster  
B.A., M.A. (Michigan State University)  
*Dissertation*: W. C. Rives: Diplomat and Politician,  
1829-53  
*Field of Specialization*: History
- David Richard Long, Albion, N. Y.  
B.S. (Cornell University) ; M.S.  
*Dissertation*: Impacts of the Food Stamp Program on  
Rural Non-Farm Ohio Participants  
*Field of Specialization*: Agricultural Economics and  
Rural Sociology
- Gale Harold Long, Oberlin, Kan.  
B.A. (University of Utah) ; M.A.  
*Dissertation*: The Novels of Robert Pinget, The Impossible  
Quest for Truth and Meaning of Self: 1951-1969  
*Field of Specialization*: Romance Languages and  
Literatures
- Robert Evans Love, Grosse Pointe, Mich.  
A.B. (Oberlin College) ; M.A.  
*Dissertation*: Failure of Inadvertent Nonverbal Behaviors  
to Reflect Attitudes toward Communication  
*Field of Specialization*: Psychology
- Mary Frances Lovern, Glade Spring, Va.  
B.A. (Emory and Henry College) ; M.S. (Virginia  
Polytechnic Institute)  
*Dissertation*: Guidelines for the Pursuit of Full Humanity  
in a Secondary English Program  
*Field of Specialization*: Education
- Hsiao-tung Lu, Taipei, Taiwan  
B.A. (Taiwan Normal College) ; A.M. (University of  
Michigan)  
*Dissertation*: The Verb-Verb Construction in Mandarin  
Chinese  
*Field of Specialization*: Linguistics
- Paul C. Lunsford, Maineville  
B.S., M.Ed. (Xavier University)  
*Dissertation*: A Study of Governmental Inquiries into  
Alleged Staged News Practices of Two Television News  
Documentaries  
*Field of Specialization*: Speech Communication
- Edward Ellsworth Lyon, Muncie, Ind.  
B.S. in Edu., M.S. in Edu. (Illinois State Normal  
University)  
*Dissertation*: The Teaching of a College Level Physical  
Geography-Earth Science Course by an  
Audio-Visual-Tutorial Independent Study Method; An  
Evaluation  
*Field of Specialization*: Education
- Leo Joseph Macias, Cathedral City, Calif.  
B.A. (University of Utah) ; M.A.T. (University of New  
Mexico)  
*Dissertation*: The Use of Simulation in Foreign Language  
Teacher Education in Activity-Specific Teaching  
Situations  
*Field of Specialization*: Education
- Louis Mario Martucci, Troy, N.Y.  
B.S. (Union College) ; M.S.  
*Dissertation*: Image-Quality Effects on Image-Geometry of  
a Mapping Camera  
*Field of Specialization*: Geodetic Science
- Bruce Leslie Maurer, Ferguson, Mo.  
B.S. (University of Illinois) ; M.S. (University of  
Washington)  
*Dissertation*: A Multivariate Analysis of Student, Faculty  
and Administrators' Attitudes toward the Division of  
University Recreation and Intramural Sports at The Ohio  
State University  
*Field of Specialization*: Physical Education
- Gerald McCalden, New South Wales, Australia  
B.A., B.Comm. (University of Dublin) ; B.A., Litt. B.,  
M.A. (University of New England) ; M.S.  
*Dissertation*: A Review of Macrogeographic Concepts  
*Field of Specialization*: Geography

- Thomas Andrew McClure, Wapakoneta  
B.S.Agr., M.S.  
*Dissertation:* An Economic Analysis of Retail Fertilizer Plant Operations in the Midwestern United States  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Robert Francis McEniry, St. Louis, Mo.  
A.B., A.M., S.T.L. (Saint Louis University)  
*Dissertation:* The Existential Approach to Encounter in Rollo May  
*Field of Specialization:* Education
- Leo McGee, Columbus  
B.A. (Philander Smith College); M.A.  
*Dissertation:* Adult Education for the Black Man in America, 1860-1880: An Historical Study of the Types  
*Field of Specialization:* Education
- Gerald Douglas McNamee, Cuyahoga Falls  
B.A. (Salem College, West Virginia); M.A.  
*Dissertation:* A Study to Identify and Compare Selected Differences among Employed Blacks, Employed Blacks with Advanced Education or Training and Disadvantaged Black Manpower and Development Trainees  
*Field of Specialization:* Education
- Carol Boyd Meeks, Stoutsville  
B.S.H.E., M.S.  
*Dissertation:* Prediction of Maintenance and Improvement Behavior of Small Town Ohio Home Owners  
*Field of Specialization:* Home Economics
- Charles Emerald Nesbitt, Columbus  
B.A. (Philander Smith College); M.A.  
*Dissertation:* Proposed Basic Criteria Needed for Developing Relevant Adult Basic Education Programs for Use in Urban Black Communities  
*Field of Specialization:* Education
- Keith Jackson Newlon, Columbus  
A.B. (Ohio University); M.A.  
*Dissertation:* Pragmatic Idealism: Ideological Tension in the American Newspaper Polemics, 1764-1776  
*Field of Specialization:* History
- Isao Nishihira, Naha, Okinawa  
B.A. (Okinawa University); M.A.  
*Dissertation:* Western Influence on the Modernization of Japanese Education, 1868-1912  
*Field of Specialization:* Education
- Douglas Warren Ohlin, Baltimore, Md.  
B.S. (Towson State College); M.A.  
*Dissertation:* Psychological Space among Six English Stop Consonants as Measured in Short-Term Memory  
*Field of Specialization:* Speech Communication
- Joseph Paul Okang, Accra, Ghana  
B.Sc. (University of Science and Technology, Ghana); M.S.  
*Dissertation:* Comparative Study of Point Marking Devices and Their Suitability for Photogrammetric Problems  
*Field of Specialization:* Geodetic Science
- Wayne Arthur Oliver, Huntsburg  
B.A. (Hiram College); M.A.  
*Dissertation:* Childbirth Expectancies and Experiences as a Function of Locus of Control and Lamaze Training  
*Field of Specialization:* Psychology
- Bade Onimode, Agbaja, Nigeria  
B.Sc. (University of Ibadan); M.A. (University of Chicago)  
*Dissertation:* Education, Manpower and the Economic Development of Nigeria, 1950-70  
*Field of Specialization:* Economics
- Olav Orheim, Bergen, Norway  
Cand. Mag., Cand. Real. (Bergen University)  
*Dissertation:* A 200-Year Record of Glacier Mass Balance at Deception Island, Southwest Atlantic Ocean, and Its Bearing on Models of Global Climatic Change  
*Field of Specialization:* Geology
- Gus George Orphanides, Forest Hills, N. Y.  
B.S. (Hobart College)  
*Dissertation:* The Chemistry of 2- and 3-Thenylidenes; Carbenic and Cationic Reactions of  $\beta$ -Diazo Thioesters  
*Field of Specialization:* Chemistry
- Wilma Rose Parr, Springfield  
B.S.A. (Ohio University); M.Ed. (Wittenberg University)  
*Dissertation:* Attitudes of Students and Faculty Concerning the Ideal Learning Community and the Real Learning Situation at a Two-Year Post High School Institution  
*Field of Specialization:* Education
- Warren Ingram Paul, Elizabeth, N.J.  
B.A. (Rutgers University); M.A. (Newark State College)  
*Dissertation:* A Rationale for Teacher Education at Kansas State University  
*Field of Specialization:* Education
- Anne Logan Pervaneau, Columbus  
Ed.B. (Rhode Island College of Education); M.S.  
*Dissertation:* Interline and Chromosomal Analyses of Different Strains of *Drosophila melanogaster* Homozygous for the Cubitus Interruptus Gene  
*Field of Specialization:* Genetics
- Kerstin DeLong Philips, Englishtown, N.J.  
B.S. (Pennsylvania State University); M.S.  
*Dissertation:* Synthesis of Amino Sugars and Reactions of Their Derivatives with Nitrous Acid  
*Field of Specialization:* Chemistry
- William Frederick Pinar, Columbus  
B.S.Ed., M.A.  
*Dissertation:* Humanities Program: Critique and Rationale  
*Field of Specialization:* Education
- Sally Ann Plummer, Newark  
A.B. (Hiram College); M.A.  
*Dissertations:* The Effects of Perception of Twenty-two Conditions of Band-pass Filtering on Three Types of Verbal Material  
*Field of Specialization:* Speech

- Rolando Jorge Pomareda, Santiago, Chile  
 Prof. (University of Chile); M.S.  
*Dissertation*: A Generalization of a Result of J. G. Thompson  
*Field of Specialization*: Mathematics
- David Deas Sinkler Poor, Washington, D. C.  
 A.B. (Harvard College); M.A.  
*Dissertation*: Invariance of Multidimensional Configurations  
*Field of Specialization*: Psychology
- Kerry Edwin Ragg, Christchurch, New Zealand  
 Diploma (University of Otago); M.S. (Ohio University)  
*Dissertation*: The Effects of Selected Recovery Periods during Interval Training upon Metabolic Energy Sources  
*Field of Specialization*: Physical Education
- Wade Hampton Reeves, Modesto, Calif.  
 B.S., M.Ed. (University of California, Davis)  
*Dissertation*: Church-Related Programs in Agricultural Education in Cameroun and Uganda, Africa  
*Field of Specialization*: Agricultural Education
- Richard Alma Reid, Bunkerville, Nev.  
 B.S. in Agr. (University of Nevada); M.E. (Colorado State University)  
*Dissertation*: Guidelines for Evaluation Activities Conducted by State Advisory Councils for Vocational and Technical Education  
*Field of Specialization*: Agricultural Education
- Elizabeth Waldkoetter Reiss, Columbus  
 B.S.Ed., M.A.  
*Dissertation*: The Influence of Race and Social Class upon the Measurement of Intelligence, Cognitive Style and Direct Learning Ability  
*Field of Specialization*: Psychology
- Ronald Richard Remick, Des Plaines, Ill.  
 B.S.Ch.E. (Purdue University); M.S.  
*Dissertation*: Binary and Ternary Gas Diffusion through Fine Pores in the Transition Region between the Knudsen and Molecular Regions  
*Field of Specialization*: Chemical Engineering
- Nelson Andrew Riedel, Columbus  
 B.E.E., M.S.  
*Dissertation*: Digitally Companded Delta Modulation  
*Field of Specialization*: Electrical Engineering
- James Carson Rock, Easton, Pa.  
 B.S.E.E. (Syracuse University); M.S.  
*Dissertation*: Recursive Plane Analysis: Its Application to the Study of Phase-Locking in Non-Uniform Signal-Dependent Sampling Techniques  
*Field of Specialization*: Electrical Engineering
- Lynn Carroll Rogers, Dayton  
 B.S. in M.E. (Purdue University); M.S.  
*Dissertation*: Bi-Normal Coordinates in Discrete Systems with Application to an Aircraft Shimmy Problem  
*Field of Specialization*: Engineering Mechanics
- James Lamar Ross, Chicago, Ill.  
 B.S.Ed., M.A. (University of Georgia)  
*Dissertation*: Police and Protest: Attitudes and Perspectives in a Campus Disturbance  
*Field of Specialization*: Sociology
- Charles Henry Rowell, Auburn, Ala.  
 B.S. (Alabama Agricultural and Mechanical College); M.A. (University of Missouri)  
*Dissertation*: Afro-American Literary Bibliographies: An Annotated List of Bibliographical Guides for the Study of Afro-American Literature, Folklore and Related Areas  
*Field of Specialization*: English
- Thomas Lee Sands, Columbus  
 B.A., B.S.Ed., M.A.  
*Dissertation*: The Development of an Instructional Communication Analysis System  
*Field of Specialization*: Education
- John Harvey Saylor, Van Wert  
 B.S.Ed., M.A.  
*Dissertation*: Intelligence, Personality, and Demographic Correlates of Orientation and Mobility Skills, Personal-Social Skills and Vocational Skills of Blind Persons  
*Field of Specialization*: Education
- Maurice Emanuel Scheetz, II, Lima  
 B.A. (Ohio Wesleyan University); M.S.  
*Dissertation*: The Transfer of Tuberculin Sensitivity and Cytotoxicity against Tumor Cells to Human Peripheral Blood Lymphocytes Using Xenogeneic Ribonucleic Acid  
*Field of Specialization*: Microbiology
- Sister Mary Rosita Schiller, Detroit  
 B.S. (Mercy College); M.S. (Michigan State University)  
*Dissertation*: The Clinical Dietitian: Role Concensus of Dietitians and Physicians  
*Field of Specialization*: Home Economics
- Kenneth Ronald Schott, Washington, W. Va.  
 B.A. (David Lipscomb College); M.A. (Ohio University)  
*Dissertation*: An Analysis of Henry Drummond and His Rhetoric of Reconciliation  
*Field of Specialization*: Speech Communication
- Howard Wayne Schuth, Columbus  
 B.S., M.A. (Northwestern University)  
*Dissertation*: The College Milieu in the American Fiction Film with Emphasis on the Work of Mick Nichols: A Study in Belief Systems  
*Field of Specialization*: Speech Communication
- Susan Jones Sears, Columbus  
 B.S.Ed.; M.Educ. (University of Toledo)  
*Dissertation*: The Relationship between Sociodramatic Play and School Achievement of Second Grade Low Socioeconomic Status Black Children  
*Field of Specialization*: Education
- Thomas Michael Seed, Glen Rock, N. J.  
 B.A. (University of Connecticut); M.S.  
*Dissertation*: Erythrocyte Membrane Alterations and Associated Plasma Changes Induced by *Plasmodium gallinaceum* Infection  
*Field of Specialization*: Microbiology
- ®David Winfield Short, Fort Lauderdale, Fla.  
 B.S. in Met. E. (University of Pennsylvania)  
*Dissertation*: The Influence of Surface Charge and Surface Structure on the Sublimation of Ionic Crystals  
*Field of Specialization*: Metallurgical Engineering

\* Also Master of Science, Graduate School

- Joseph Samuel Shveima, Philadelphia, Pa.  
B.S. (Drexel Institute of Technology)  
*Dissertation:* The Application of Magnetic Circular Dichroism to Transition Metal Complexes of Tetragonal Symmetry  
*Field of Specialization:* Chemistry
- William David Siegfried, Chappaqua, N. Y.  
B.A. (Trinity College); M.A. (C.W. Post College of Long Island University)  
*Dissertation:* The Joint Effects of Item Favorability and Item Relevance on the Judgment of Employment Resumes under Three Instructional Conditions  
*Field of Specialization:* Psychology
- Mehar Singh, Jammu-Tawi, India  
B.V.Sc. and A.H. (Bihar University); M.V.Sc. (University of Bombay)  
*Dissertation:* Effect of Prenatal Administration of Estrogen and Progesterone on the Reproductive Function in the Female Rat  
*Field of Specialization:* Dairy Science
- Marilyn Joel Sjoberg, Minneapolis, Minn.  
B.A. (University of Minnesota); A.M. (Columbia University)  
*Dissertation:* Turkish Loanwords in the Language of Aleksa Santic  
*Field of Specialization:* Slavic Languages and Literatures
- Fiona Jane MacKinnon Slaney, Granville  
B.A. (Denison University); M.S. in Ed. (University of Bridgeport)  
*Dissertation:* Some Correlates of Achievement Motivation in Women in Student Personnel Work  
*Field of Specialization:* Education
- Michael Todd Smallwood, Minerva  
B.A. (College of Wooster); M.A.  
*Dissertation:* The Failure of Prime Minister Schwarzenberg's Bund Policies: A Re-evaluation of the Olmütz and Dresden Conferences  
*Field of Specialization:* History
- Marilyn Dix Smith, Worthington  
B.S. Phar.  
*Dissertation:* The Development of an Amperometric Method of Measuring NADH-Coupled Enzyme Concentrations Using Bindschedler's Green  
*Field of Specialization:* Pharmacy
- Margaret Frisbee Sommer, Columbus  
B.A. (William Smith College); M.A. (University of Maine)  
*Dissertation:* The Ohio State Bar Association: The First Generation, 1880-1912  
*Field of Specialization:* History
- John Matthew Soptick, Shawnee Mission, Kan.  
B.A. (Rockhurst College); M.A.  
*Dissertation:* A Follow-Up Study of Graduates of Selected Training Programs in Educational Research  
*Field of Specialization:* Education
- Michael Sheppard Speer, Indianola, Miss.  
B.A. (University of the South)  
*Dissertation:* Urbanization and Reform: Columbus, Ohio, 1870-1900  
*Field of Specialization:* History
- Harold Walter Squire, Columbus  
B.A. (Grinnell College); M.B.A.  
*Dissertation:* A Theory of Dual Allocation of Overhead  
*Field of Specialization:* Business Administration
- Ajit Kumar Srivastava, Nainital, India  
B.Sc. (United Provinces Agricultural University, India); M.S. (Rutgers University)  
*Dissertation:* Grain-Straw Separation in a Centrifugal Force Field  
*Field of Specialization:* Agricultural Engineering
- Joseph Ray Steiner, Bluffton  
B.S. (Bluffton College); M.S.W. (University of Michigan)  
*Dissertation:* The Effect of Family-Centered Versus Wife-Centered Obstetrical Care upon Family Life  
*Field of Specialization:* Social Work
- Brian Sternthal, Montreal, Que., Canada  
B.Sc. (McGill University); M.A.  
*Dissertation:* Persuasion and the Mass Communication Process  
*Field of Specialization:* Business Administration
- Frank Donald Stull, Olean, N. Y.  
B.M.E. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation:* Investigation of Ribbed Diffusers  
*Field of Specialization:* Mechanical Engineering
- Edward Eugene Swingle, Mt. Vernon  
B.A., M.A.  
*Dissertation:* The Nature of Sentential Bonds and Their Relationship to Recognition and Recall  
*Field of Specialization:* Speech Communication
- Donald Stanley Tompkins, Brooklyn, N. Y.  
B.A. (Brooklyn College); M.A.  
*Dissertation:* Group Effectiveness as a Function of Leadership Style Moderated by Stage of Group Development  
*Field of Specialization:* Psychology
- Billy James Vice, Lexington, Ky.  
B.S.Agr. (Berea College); M.S.Ed. (University of Kentucky)  
*Dissertation:* Variables Related to Continuing Agricultural Education in Kentucky Schools  
*Field of Specialization:* Agricultural Education
- Robert John VonGruenigen, Don Mills, Ont., Canada  
B.Mus. (Heidelberg College); M.F.A. (Ohio University)  
*Dissertation:* Programed Instruction in Clarinet Pedagogy: A Feasibility Study  
*Field of Specialization:* Music
- Joseph Richard Votano, Lawrence, Mass.  
B.S. (University of Massachusetts)  
*Dissertation:* The Structural Study of the Hexagonal Phase of Single Crystals of Deuterium  
*Field of Specialization:* Chemistry
- Jerry Phillip Walker, Columbus  
B.S., M.S. (Colorado State University)  
*Dissertation:* An Analysis of Differential Perceptions toward Educational Research and Development Held by Professional Staff Members of Research and Development Centers and Development Laboratories  
*Field of Specialization:* Education

- Roger Peyton Wallins, New York, N. Y.  
A.B. (City College of New York); M.A.  
*Dissertation*: The Emerging Victorian Social Conscience  
*Field of Specialization*: English
- David Moulton Walton, Lakewood  
A.B. (Stanford University); M.A.  
*Dissertation*: Inter- and Intra-Species Social Attraction in Rodents: Four Experiments  
*Field of Specialization*: Psychology
- Wayne Jacob Astor Walton, Jr., St. Paul, Minn.  
A.B. (Drury College); M.S. (University of Arizona)  
*Dissertation*: Phase Equilibrium in the System  $Mg_2(PO_4)_2$ - $Ca_2(PO_4)_2$ - $MgSiO_3$ -(Farringtonite-Whitlockite-Forsterite) at One Atmosphere Pressure  
*Field of Specialization*: Mineralogy
- Ming Tsung Wang, Taipei, Taiwan  
M.S. (Virginia Polytechnic Institute)  
*Dissertation*: Stress Corrosion Cracking in High Strength Steels  
*Field of Specialization*: Metallurgical Engineering
- Joseph L. Watras, II, Honolulu, Hawaii  
A.B. (Boston University); M.Ed. (University of Hawaii)  
*Dissertation*: Sedation under Glass: A Study of Ideology in Education  
*Field of Specialization*: Education
- John Wilson Weatherford, Athens, Ga.  
B.A.Ed. (East Central State College); M.S. (Oklahoma State University)  
*Dissertation*: Identification and Analysis of the Current Issues in Distributive Education  
*Field of Specialization*: Education
- Michael Weatherly, Columbus  
B.A. (Stephen F. Austin State College); M.A. (Bowling Green State University)  
*Dissertation*: The Comparative Communicative Power of Channels in the Dissemination of Information  
*Field of Specialization*: Speech Communication
- Mary Johnson Wellington, Jaipur, India  
B.A. (University of Lucknow); M.A. (George Peabody College for Teachers)  
*Dissertation*: A Proposed Child Development Laboratory Program for Students and Parents in a College of Home Science in India  
*Field of Specialization*: Home Economics
- Lizette Islyn Westney, Columbus  
B.A., M.A. (Howard University)  
*Dissertation*: Erasmus's *Parabolae Sive Similia*: An English Translation with a Critical Introduction  
*Field of Specialization*: English
- John Hunter Wheatley, Roanoke, Va.  
B.A., M.A.T. (Duke University)  
*Dissertation*: A Scheme for Evaluating the Audio-Tutorial Biology Laboratory in the Cognitive and Affective Domains  
*Field of Specialization*: Education
- Mary Lou Usery White, Columbus  
B.S. in Edu. (University of Akron); M.S.Educ. (University of Wisconsin)  
*Dissertation*: Structural Analysis of Children's Literature: Picture Storybooks  
*Field of Specialization*: Education
- Thelma Dennis White, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Training Parents in a Group Situation to Use Behavior Modification Techniques to Reduce Frequency of Maladaptive Behavior in Their Learning Disabled Child  
*Field of Specialization*: Psychology
- Phoebe Amelia Wienke, Buffalo Grove, Ill.  
B.S. (Western Michigan College); M.S. (Northern Illinois University)  
*Dissertation*: A Plan of Recommended Practices for the Operation of the Educational Placement Office at The Ohio State University  
*Field of Specialization*: Education
- Gerald G. Wilhelm, Wheeling, W. Va.  
A.B. (West Liberty State College); M.A., (West Virginia University)  
*Dissertation*: Behavioral Approaches in Family Intervention  
*Field of Specialization*: Education
- David Edward Wilson, Lancaster  
B.S. (Wittenberg College)  
*Dissertation*: Nonanalytic Interactions in Scalar Quantum Field Theory: A Perturbation Treatment Using Functional Integration  
*Field of Specialization*: Physics
- Jerry Lee Wirenski, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Career Aspirations of the Ninth and Tenth Grade Students in the South-Western City School District  
*Field of Specialization*: Education
- Rodney Ellis Wyse, Cedarville  
A.B. (Wheaton College); M.B.A. (University of Arizona)  
*Dissertation*: Attitudes of Selected Black and White College Business Administration Seniors toward Recruiters and the Recruiting Process  
*Field of Specialization*: Business Administration
- Gary Eugene Young, Shelby  
B.S.Ed. (Ashland College); M.A.  
*Dissertation*: Differential Predictive Validity of the American College Test (ACT) for Minority and Non-Minority Students  
*Field of Specialization*: Education
- Jiang Tsu Yu, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Dissertation*: EPR of Rare-Earth Impurities in Single Crystals of ZnSe and CdS  
*Field of Specialization*: Physics
- Julius Y. K. Zake, Kampala, Uganda  
B.S., M.S. (Michigan State University)  
*Dissertation*: The Effect of Sulfur on the Yield and Quality of Finger Millet in Uganda  
*Field of Specialization*: Agronomy
- Jonathan Walter Zophy, Holland, Mich.  
B.A. (Michigan State University); M.A.  
*Dissertation*: Christoph Kress: Nürnberg's Foremost Reformation Diplomat  
*Field of Specialization*: History

**Master of Accounting****Two candidates**

Harlan Allen Burns, Mansfield  
B.S.Bus.Adm.  
*Field of Specialization:* Accounting

Walter Kurt Schulz,  
Hamburg, Germany  
Diplom (University of Munster)  
*Field of Specialization:* Accounting

**Master of Architecture****Five candidates**

David Phillips Hutchison, Springfield  
A.B. (Princeton University)  
*Field of Specialization:* Architecture

Darold Dean Irvine,  
Grand Island, Neb.  
B.Arch. (University of Nebraska)  
*Field of Specialization:* Architecture

Siu-Chung Lau, Kowloon, Hong Kong  
B.S. (Taiwan Cheng Kung  
University); B.Arch. (University of  
Oregon)  
*Field of Specialization:* Architecture

Ronald James Trick, Columbus  
B.Arch.  
*Field of Specialization:* Architecture

**Master of Arts****Three hundred and twenty-five candidates**

Jack Ronald Abo, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Violet Anselmini Allain, Columbus  
B.A. (Northeastern Illinois State  
College)  
*Field of Specialization:* Education

Donald Gene Allen, Portage, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Political  
Science

Rodney Wilder Allwood, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Jon Wayne Alquist, Dayton  
B.A. (University of Arizona)  
*Field of Specialization:* Journalism

Martin John Anastasi, Springfield  
B.S.  
*Field of Specialization:* Journalism

Marguerite S. Andrews, Columbus  
B.S. (College of the Ozarks)  
*Field of Specialization:* Education

Jane Marilyn Angene, Bueyrus  
B.S.Ed.  
*Field of Specialization:* Education

Mohamed Sami Anwar, Cairo, Egypt  
B.A. (Ein Shams University); M.A.  
(American University)  
*Field of Specialization:* Linguistics

Susan Arlynn Anzivino, Hubbard  
B.A. (University of Dayton)  
*Field of Specialization:* Psychology

Harry John Apostolos, Canton  
B.S.Bus.Adm.  
*Field of Specialization:* Economics

Alison Armstrong, Columbus  
B.A.  
*Field of Specialization:* English

Helen Louise Blackburn Armstrong,  
Worthington  
B.S. (Purdue University)  
*Field of Specialization:* Education

Robert Elliott Aston, Worthington  
B. of Gen.Educ. (University of  
Nebraska-Omaha)  
*Field of Specialization:* Political  
Science

Ronald David Bachman, Rulo, Neb.  
A.B. (University of Nebraska)  
*Field of Specialization:* Slavic  
Languages

Susan Joyce Bailey-Litton, Dayton  
*Field of Specialization:* Romance  
Languages

Richard Allen Ball, Westerville  
B.S.Ed.  
*Field of Specialization:* Education

Ray Albert Ballinger, Gahanna  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Candye Gene Barnes, Memphis, Tenn.  
B.A. (University of Mississippi)  
*Field of Specialization:* English

Glenna McGuire Barr, Greenfield  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Vincent Edward Barra, Delaware  
B.A. (Youngstown State University)  
*Field of Specialization:* Education

Joanne Ford Barrere, Columbus  
B.S.Soc.Adm.  
*Field of Specialization:* Education

Mary Kraft Barth, Eden, N. Y.  
B.A. (Rosary Hill College)  
*Field of Specialization:* Economics

Naoma McCammon Bauman,  
Worthington  
B.A. (Oklahoma Agricultural and  
Mechanical College)  
*Field of Specialization:* Education

Robert Lee Baumann, Mansfield  
B.A. (Wittenberg University)  
*Field of Specialization:* Philosophy

Fredericka Joan Baytos, Warren  
B.A. (Rosary Hill College)  
*Field of Specialization:* Sociology

Alan B. Bearman, Clayton, Mo.  
B.A. (Southern Illinois University)  
*Field of Specialization:* Sociology

Ted Arthur Beattie, Columbus  
B.A.Jour.  
*Field of Specialization:* Journalism

William Purdy Bedford, Jr.,  
Bridgeport, Ill.  
A.B. (Morehead State College)  
*Field of Specialization:* Classics

Robin Jean Bell, Monroeville, Pa.  
B.A. (Wittenberg University)  
*Field of Specialization:* English

Harold Ronell Benson,  
Tabor City, N. C.  
B.S. (Morris College)  
*Field of Specialization:* Education

William Harry Berentsen,  
Northfield, Minn.  
A.B. (Dartmouth College)  
*Field of Specialization:* Geography

Janice Rae Bykowski Berkowitz,  
Columbus  
B.A. (University of Michigan)  
*Field of Specialization:* Romance  
Languages

William Joseph Billingshurst,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Dennis Stephen Bilous, Fullerton, Pa.  
B.A. (Villanova University)  
*Field of Specialization:* History

Carol Lehman Bontrager, Berne, Ind.  
B.A. (Goshen College)  
*Field of Specialization:* English

Allen Hale Brainerd, Harborside, Me.  
A.B. (Dartmouth College)  
*Field of Specialization:* Geography

- Roberta Louise Brenenstuhl, Eastlake  
B.S.Ed. (Miami University)  
*Field of Specialization*: Education
- Eric Dorn Brose, Oxford  
B.A. (Miami University)  
*Field of Specialization*: History
- Patricia Krizinski Brown, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Linda Lee Buck, New Bloomington  
B.S.Ed.  
*Field of Specialization*: Education
- Betty Chambers Buckner, Knoxville, Tenn.  
A.B. (Tennessee Agricultural and Industrial State College)  
*Field of Specialization*: Education
- David Michael Bush, Wellsville  
B.A.  
*Field of Specialization*: Political Science
- Janis Eileen Bush, Mt. Morris, N. Y.  
B.A. (State University College of New York, Cortland)  
*Field of Specialization*: Education
- Harry G. Butterfield, III, Kansas City, Mo.  
B.F.A. (Kansas City Art Institute)  
*Field of Specialization*: Art
- Allison Louise Cahill, Norwalk  
B.S. (Southern Connecticut State College)  
*Field of Specialization*: History of Art
- Maria Caridad Campo, New Orleans, La.  
B.S. (Louisiana State University)  
*Field of Specialization*: Romance Languages
- Barbara Joan McNutt Cape, Columbus  
B.A. (Bowling Green State University)  
*Field of Specialization*: Journalism
- Barry Allan Cermak, North Olmsted  
A.B. (Cornell University)  
*Field of Specialization*: Education
- Shiu-li Shirley Chang, Taichung, Taiwan  
B.A. (National Taiwan University)  
*Field of Specialization*: East Asian Languages
- Kathryn Kriebbaum Chappell, North Olmsted  
B.Mus.Ed.  
*Field of Specialization*: Music
- Bong Kil Chung, Chonbuk, Korea  
B.A. (Won Kwang University);  
M.A. (Roosevelt University)  
*Field of Specialization*: Philosophy
- Clinton E. Churchman, Wilberforce  
A.B. (Central State University)  
*Field of Specialization*: Education
- Karen Lynn Cirbes, Cleveland  
B.S.Ed.  
*Field of Specialization*: Education
- David John Citino, Cleveland  
A.B. (Ohio University)  
*Field of Specialization*: English
- Beverly Bigelow Clark, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Russell Allen Cochrane, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Harold David Cole, Olmsted Falls  
R.A., M.A. (University of Tulsa)  
*Field of Specialization*: History of Art
- Maureen Elizabeth Coll, Columbus  
R.S.Ed. (West Chester State College)  
*Field of Specialization*: Physical Education (Health Education)
- Robert Joseph Collins, Columbus  
B.A. (Xavier University)  
*Field of Specialization*: English
- John Charles Conkright, Auburn, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization*: English
- James Anthony Contadino, Columbus  
B.S.Ed. (University of Dayton)  
*Field of Specialization*: Education
- Robert Leon Andre Cote, Sheffield, Mass.  
A.B. (Saint Anselm's College)  
*Field of Specialization*: Education
- Kenneth Mark Craig, Columbus  
B.A.  
*Field of Specialization*: History of Art
- Lida Scurlock Craig, Fort Smith, Ark.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: History of Art
- Barbara Anne Crockett, Findlay  
B.Mus.Ed.  
*Field of Specialization*: Music
- Stanley Joseph Crognale, Jr., Columbus  
B.A.  
*Field of Specialization*: Political Science
- Roseanna Ross Crook, Lancaster  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Speech Communication
- Frank Eugene Cushing, Jr., Columbus  
B.S.Ed. (Kansas State Teachers College)  
*Field of Specialization*: Education
- John Czekner, Jr., Allentown, Pa.  
B.A. (Pennsylvania Military College)  
*Field of Specialization*: History
- Laura Jean Perrotta D'Amore, Columbus  
B.A. (Caldwell College for Women)  
*Field of Specialization*: English
- Susan E. Schwartz Danziger, Columbus  
B.A.  
*Field of Specialization*: Sociology
- Gerold Lee Davidson, Columbus  
B.S.Ed.  
*Field of Specialization*: Art
- Sharon Bliss Dinsmore, Kettering  
B.S.  
*Field of Specialization*: Psychology
- William Paul Dixon, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Anne Claire Doherty, St. Charles, Mo.  
A.B. (Lindenwood College)  
*Field of Specialization*: History of Art
- Robert Eugene Domer, Coshocton  
B.S. (Wilmington College)  
*Field of Specialization*: Education
- Paul Dean Doray, Worthington  
B.G.S. (University of Nebraska)  
*Field of Specialization*: Education
- John Gary Drummond, Mt. Sterling  
B.S.Ed.  
*Field of Specialization*: Education
- Linda Gayle Dudley, Columbus  
B.A. (University of South Florida)  
*Field of Specialization*: Education
- John Carah Dunn, Jr., Columbus  
B.A. (Otterbein College)  
*Field of Specialization*: Education
- John Richard Eddy, Marion  
B.S. Ed.  
*Field of Specialization*: Education
- Carol Jean Edmondson, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Psychology

- Diane Marie Dieden Ege, Fairborn  
B.A. (University of Dayton)  
*Field of Specialization*: Speech  
Communication
- Mary Anna Howell Elser, Columbus  
B.S. (Roberts Wesleyan College)  
*Field of Specialization*: Music
- Madeline Bragar Engolz, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Diana Wahl Eversole, Carroll  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Education
- Alison Lanza Falls,  
West Hempstead, N. Y.  
B.A. (State University of New York,  
Binghamton)  
*Field of Specialization*: Economics
- Luciano F. Farina, Columbus  
B.S.T. (Catholic University of  
America); M.Div. (Pontifical College  
Josephinum)  
*Field of Specialization*: Romance  
Languages
- Maria del Carmen Farinas,  
Elkins, W. Va.  
D.En Derecho (University of Havana)  
*Field of Specialization*: Romance  
Languages
- Stephen Samuel Feldstein,  
Brooklyn, N. Y.  
B.A. (City College, New York)  
*Field of Specialization*: Education
- Patricia Ann Fox, Greeneville, Tenn.  
B.S.Ed. (University of Delaware)  
*Field of Specialization*: Education
- Alice Pickett Franklin, Columbus  
A.B. (Agricultural, Mechanical and  
Normal College)  
*Field of Specialization*: Sociology
- Rita Marie Fredendall, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization*: Education
- Daniel William Freund, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Carlton Ford Fry, Muskegon, Mich.  
B.S. (Western Michigan University)  
*Field of Specialization*: Speech  
Communication
- Ann Justine Furlong, Delaware  
B.S.Ed.  
*Field of Specialization*: Education
- Janet Wells Gamble, Nashville, Tenn.  
B.A. (Maryville College)  
*Field of Specialization*: English
- Stuart Irwin Garson, Cleveland  
B.A.  
*Field of Specialization*: Education
- Jill Marsha Gellerman,  
Milwaukee, Wis.  
B.F.A. (University of Wisconsin)  
*Field of Specialization*: Dance
- Terrence Lee Glass, Xenia  
B.A. (Central State University)  
*Field of Specialization*: English
- Bruce Robert Glick, Glendale, Calif.  
B.A. (University of California,  
Irvine)  
*Field of Specialization*: Psychology
- Patricia Ann Gober, Kenosha, Wis.  
B.S.Ed. (Wisconsin State University,  
Whitewater)  
*Field of Specialization*: Geography
- Diane Teramana Graham,  
Steubenville  
B.F.A.  
*Field of Specialization*: Art
- Linda Joan Dupke Green,  
Wheeling, W. Va.  
B.S. (Wheeling College)  
*Field of Specialization*: Education
- Philip Charles Green, Vandalia  
B.A.  
*Field of Specialization*: Sociology
- Gerald Greenberg, Whitestone, N. Y.  
A.B. (Case Western Reserve  
University)  
*Field of Specialization*: Sociology
- Richard Henry Grinstead, II,  
Grove City  
B.Art Ed., B.F.A.  
*Field of Specialization*: Art  
Education
- Barbara Sue Grohoski, Kettering  
B.S.Ed.  
*Field of Specialization*: Education
- Norman Lee Grunstad,  
Ortonville, Minn.  
B.S. (United States Military  
Academy)  
*Field of Specialization*: Business  
Administration
- Veronica Lee Harmon, Grove City  
A.B. (Morehead State University)  
*Field of Specialization*: Education
- Cynthia Marie Zachary Harris,  
Cleveland  
B.S.Ed.  
*Field of Specialization*: Education
- Vivian Bruckel Harvey, Columbus  
A.B.Ed. (University of Michigan)  
*Field of Specialization*: Education
- Philip A. Hawkey, Columbus  
B.A. (Baldwin-Wallace College)  
*Field of Specialization*: Public  
Administration
- Bruce Edwin Hawkins, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Dorothy Clark Hays, Delaware  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Education
- Stanley Kenneth Heacock, Columbus  
B.A. (Capital University)  
*Field of Specialization*: Education
- Susan Catherine Heffelfinger,  
Columbus  
B.A. (Miami University)  
*Field of Specialization*: English
- Ronald Howard Heller,  
University Heights  
B.Mus. (Indiana University)  
*Field of Specialization*: Music
- Donna Virginia Helm, Baltimore, Md.  
B.A. (University of Maryland)  
*Field of Specialization*: Romance  
Languages
- Ferris Owen Henson, Columbus  
B.S.  
*Field of Specialization*: Education
- Marvin Richard Hershiser,  
West Unity  
A.B. (Ohio University)  
*Field of Specialization*: Sociology
- Daniel Alan Hill, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- E. Carolyn Thordsen Hill, Columbus  
B.S.Ed. (Otterbein College)  
*Field of Specialization*: Education
- William Anthony Hillebrand,  
Cincinnati  
B.S. (Xavier University)  
*Field of Specialization*: Education
- Jack Leonard Hillwig,  
Allison Park, Pa.  
B.A. (Bethany College)  
*Field of Specialization*: Journalism

- Robert Warren Hiltonsmith,  
Wantagh, N. Y.  
B.A. (Syracuse University)  
*Field of Specialization:* Education
- Ronald Lee Hoch, Prospect  
B.A., B.S.Ed.  
*Field of Specialization:* Education
- Sheila Ann Flowers Hock, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Alice Mary Hoffmeister,  
North Olmsted  
B.S.Ed. (Otterbein College)  
*Field of Specialization:* Education
- Barbara Sue Horner, Kettering  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education
- Lee Holden Horsting,  
Wappingers Falls, N. Y.  
A.B. (Middlebury College)  
*Field of Specialization:* English
- Joseph Anthony Horton,  
Washington, D. C.  
B.A., M.A. (Oblate College)  
*Field of Specialization:* Psychology
- Frank Laurence Howe, Louisville, Ky.  
B.A. (University of Louisville)  
*Field of Specialization:* History
- Bernard Charles Howell, Akron  
B.A. in Ed. (University of Akron)  
*Field of Specialization:* Education
- Sister Carlene Howell, Joliet, Ill.  
B.A. (College of Saint Francis)  
*Field of Specialization:* Education
- Janice Stoltz Hummel, Reynoldsburg  
B.S.Ed.  
*Field of Specialization:* Education
- Barbara Lee Hurdzan, Columbus  
B.A. (University of Vermont)  
*Field of Specialization:* English
- Adrienne Kendall Husum,  
Youngstown  
B.S. in Ed. (Youngstown State  
University)  
*Field of Specialization:* Education
- Donald Lester Hyatt, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Linda May Ikeda, Cleveland  
B.A. (Hiram College)  
*Field of Specialization:* Journalism
- Timothy John Ilg, Columbus  
B.A. (Malone College)  
*Field of Specialization:* Education
- Mitchell Edward Imhoff, Cincinnati  
B.A. (Xavier University)  
*Field of Specialization:* Romance  
Languages
- Richard Blair Irvin, Philipsburg, Pa.  
B.A. (Indiana University of  
Pennsylvania)  
*Field of Specialization:* Sociology
- Ruth Helbig Jenks, Columbus  
B.S. in Ed. (Northwestern  
University)  
*Field of Specialization:* Education
- Edward Elwood Johnson, Jr.,  
Trotwood  
B.S.Ed.  
*Field of Specialization:* Education
- Karen Lanman Johnson, Columbus  
B.S.Ed.  
*Field of Specialization:* Speech  
Communication
- Willa Darden Johnson, Columbus  
B.A. (Southern Illinois University)  
*Field of Specialization:* Education
- David Emlyn Jones, Youngstown  
B.S.Bus.Adm.  
*Field of Specialization:* Economics
- Theodore Lloyd Jones, Jr., Cincinnati  
B.A. (Otterbein College)  
*Field of Specialization:* Speech  
Communication
- Nancy Winslow Keyes, Columbus  
B.A. (University of Colorado)  
*Field of Specialization:* Education
- Ann Lynn Kingsbury, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Karen Gertrude Kloss, Avon  
B.A. (Mount Union College)  
*Field of Specialization:* Political  
Science
- Anne Kinnaird-Paterson Kochman,  
Columbus  
B.A. (Hons) (Manchester University,  
Britain)  
*Field of Specialization:* Philosophy
- Monty Kraham, Brooklyn, N. Y.  
B.A. (Marietta College)  
*Field of Specialization:* Education
- Martin Paul Kravitz,  
East Grand Rapids, Mich.  
B.S. (Michigan State University)  
*Field of Specialization:* Business  
Administration
- Ruth Casten Kreier, Worthington  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Education
- Charlotte Marie Kurt, Columbus  
B.S. (Kent State University)  
*Field of Specialization:* Education
- Doyt Thornton Larimore, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Education
- George Joseph Laskowski, Jr.,  
Roseville, Mich.  
A.B. (University of Detroit)  
*Field of Specialization:* Classics
- Colin Thomas Lawlis, Mansfield  
B.S.Ed.  
*Field of Specialization:* Education
- Raymond Warren Lawton, III  
Huntington Station, N. Y.  
B.A. (State University College at  
Oswego)  
*Field of Specialization:* Political  
Science
- Carol Carr Layne, Dayton  
B.S.Ed.  
*Field of Specialization:* Education
- Patricia Best Lear, Bucyrus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education
- John Russell Lee, Lima  
B.A.Jour.  
*Field of Specialization:* Journalism
- Susan Elizabeth Lee, Philadelphia, Pa.  
A.B. (Connecticut College)  
*Field of Specialization:* Education
- James Joseph Legasse, Cohes, N. Y.  
B.A. (Saint Bernardine of Siena  
College)  
*Field of Specialization:* English
- Shirley Dale Leggett, Hilliard  
B.S.Ed.  
*Field of Specialization:* Education
- Thomas Ellsworth Leighton,  
Columbus  
B.S.Bus.Adm. (Franklin University)  
*Field of Specialization:* Education
- Alfred Harvey Lerch, Jr., Columbus  
B.A. (Cleveland State University)  
*Field of Specialization:* Education

- Margo Edna Levy,  
San Francisco, Calif.  
B.A. (University of California,  
Santa Barbara)  
*Field of Specialization* : Economics
- Terry Kent Lewis, Hilliard  
B.A.  
*Field of Specialization* : Speech  
Communication
- Christopher Lilburn, Columbus  
B.A.  
*Field of Specialization* : Education
- Gail Marie Lingert, Columbus  
B.S.Ed.  
*Field of Specialization* : Education
- Maureen Ellis Lippert, Lancaster  
B.A.  
*Field of Specialization* : English
- Thomas Burton Lloyd, Madison, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization* : Philosophy
- Angela Lumpkin, Newport, Ark.  
B.S.E. (University of Arkansas)  
*Field of Specialization* : Physical  
Education
- Richard Glenn Lyon, Newton, Kan.  
B.A. (Southwestern College)  
*Field of Specialization* : Education
- Joan Louise Mantel, Lyndhurst  
B.S. (Springfield College)  
*Field of Specialization* : Physical  
Education
- Robert Dean Markey, Carroll  
B.S.Agr., B.S.Ed.  
*Field of Specialization* : Education
- Rebecca Irene Matthey, Zanesville  
B.S.Ed.  
*Field of Specialization* : Education
- Pamela Louise McCann, Springfield  
B.A.  
*Field of Specialization* : Education
- Thomas Robert McCanne,  
Houston, Tex.  
B.A. (University of Texas)  
*Field of Specialization* : Psychology
- Gary Bruce McCollim,  
Washington C.H.  
B.A. (Muskingum College)  
*Field of Specialization* : History
- Colleen Ann McDevitt,  
Seaside Heights, N. Y.  
B.A. (Heidelberg College)  
*Field of Specialization* : Classics
- James J. McDevitt, Jr., Columbus  
B.A. (La Salle College)  
*Field of Specialization* : Anthropology
- Judith Lynn McFarland, Canal Fulton  
B.S.Ed.  
*Field of Specialization* : Education
- Donna Hayes McGraw, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization* : Education
- William David McKinley, Jr.,  
Toronto  
B.A. (College of Steubenville)  
*Field of Specialization* : Education
- Maryann Eleanor McNamara,  
Findlay  
A.B. (Findlay College)  
*Field of Specialization* : Music
- Susan Sternberg Mentzer,  
Merrick, N. Y.  
B.A. (Pennsylvania State University)  
*Field of Specialization* : Education
- John Anthony Mercovich, Dayton  
B.S. (University of Dayton)  
*Field of Specialization* : Education
- Mary Calland Metts, Columbus  
B.S.Ed.  
*Field of Specialization* : Education
- Sheila Ann Miller,  
Fort Lauderdale, Fla.  
B.A. (Mercer University)  
*Field of Specialization* : Classics
- Nancy Carole Mincemoyer, Orwell  
B.S.Ed. (Clarion State College,  
Pennsylvania)  
*Field of Specialization* : Education
- Lawrence Bruce Mixon, Wilberforce  
B.S.Ed. (Central State College)  
*Field of Specialization* : Physical  
Education
- Suzann Elizabeth Messer Mockovak,  
Danbury, Conn.  
B.A. (College of New Rochelle)  
*Field of Specialization* : Education
- William Vernon Monnett, Gallion  
B.S.Ed. (Ohio University)  
*Field of Specialization* : Education
- Ralph Douglas Montanaro, Newark  
B.A. (Muskingum College)  
*Field of Specialization* : History
- Alex Lee Moore, Columbus  
B.A. (Norfolk State College)  
*Field of Specialization* : Education
- Gary Keith Moore, Worthington  
B.S.Ed. (Otterbein College)  
*Field of Specialization* : Physical  
Education
- Jack Noel Moore, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization* : Education
- Ann Wiseman Morahan, Worthington  
B.S.Ed.  
*Field of Specialization* : Education
- Philip Iain Morgan,  
Edinburgh, Scotland  
B.A. (University of Strath-Clyde)  
*Field of Specialization* : Education
- Craig Lawrence Moser, Painesville  
B.A. (Ohio Wesleyan University)  
*Field of Specialization* : Economics
- Carole Anne Mueller, Aurora  
B.A. (Miami University)  
*Field of Specialization* : Education
- James Michael Mulcahy,  
Grand Island, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization* : Economics
- Jose Joaquin Munoz-Lopez,  
Madrid, Spain  
Licenciatura (Universidad de Madrid)  
*Field of Specialization* : Romance  
Languages
- Madalene Patricia Axford Murphy,  
Louisville, Ky.  
B.A. (Catherine Spalding College)  
*Field of Specialization* : English
- Earl Murry, Columbus  
B.S.Ed.  
*Field of Specialization* : Education
- Kathleen Cwik Nalle, Columbus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization* : Education
- Mari Sapon Naltsas, Columbus  
B.S.Ed.  
*Field of Specialization* : Education
- David Nunzio Nanni, Buffalo, N. Y.  
B.S. (State University College,  
Buffalo)  
*Field of Specialization* : Romance  
Languages
- Diana Hosket Neely, Columbus  
B.S.Ed.  
*Field of Specialization* : Physical  
Education
- William Francis O'Brien,  
Westfield, Mass.  
B.A. (Le Moyne College)  
*Field of Specialization* : Psychology

- David Lyle Osborne, Omaha, Neb.  
A.B. (University of Nebraska)  
*Field of Specialization:* Slavic Languages
- George Peter Oswald,  
Glen Cove, N.Y.  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration
- Patricia Louise O'Toole, Reynoldsburg  
B.S. (Miami University)  
*Field of Specialization:* Education
- Maxine Roberta Overla, Englewood  
B.A.Ed. (Ohio Northern University)  
*Field of Specialization:* Education
- Ida Maureen McNamara Palardy,  
Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education
- Robert Clifton Pangburn,  
Larned, Kan.  
B.A. (Kansas State University)  
*Field of Specialization:* Psychology
- Ria Charlotte Parody,  
New Orleans, La.  
B.S. (University of Florida)  
*Field of Specialization:* Speech Communication
- Janet Faye Patterson, Farmersville  
B.A.  
*Field of Specialization:* Journalism
- Ellen Marie Ward Pattison, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical Education
- Linda Poelking Paxton, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Winnifred Dean Pertee, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Carol Ann Plank, Columbus  
B.S. (Ohio Dominican College)  
*Field of Specialization:* Education
- John Matthew Plecnik,  
New Middletown  
B.A., M.A. (Athenaeum of Ohio)  
*Field of Specialization:* Philosophy
- Deborah Sue Pohl, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- David Hewitt Pope,  
Melbourne, Australia  
B.Econ. (Honors), M.Econ. (Monash University)  
*Field of Specialization:* Economics
- Robin Elizabeth Pope,  
Bundoora, Australia  
B.A. (Honors) (University of New England); M.Ec. (Monash University)  
*Field of Specialization:* Economics
- Edmund Hillel Portnoy, Columbus  
B.S. (University of Oregon)  
*Field of Specialization:* Education
- Barry Zane Posner, Claremont, Calif.  
B.A. (University of California)  
*Field of Specialization:* Public Administration
- Jackie Lee Pritchard, Eastlake  
B.A. (University of Oregon)  
*Field of Specialization:* Anthropology
- Georgette Marie Psarras, Akron  
A.B. (Vassar College)  
*Field of Specialization:* Psychology
- Frederick Ross Pultz, Memphis, Tenn.  
A.B. (Duke University)  
*Field of Specialization:* Economics
- Karen Piazza Quinn, Columbus  
B.A. (Brooklyn College)  
*Field of Specialization:* English
- Rosemary Ghetzler Quirin, Skokie, Ill.  
B.S. (Northern Illinois University)  
*Field of Specialization:* Education
- Beth Francis Rabb, Columbus  
A.B. (Earlham College)  
*Field of Specialization:* Education
- Frederick Robert Ragland, Fairborn  
B.A. (San Jose State College)  
*Field of Specialization:* Journalism
- Daniel Paul Rathburn,  
La Crosse, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Education
- Sister JoAnn Recker, Columbus  
B.A. (Edgecliff College)  
*Field of Specialization:* Romance Languages
- Margaret Appel Reidl,  
Burlington, Ont., Canada  
B.A.  
*Field of Specialization:* English
- Kenneth Charles Risdon, Vermilion  
B.A.  
*Field of Specialization:* English
- Mary Ann Rish, Kenton  
B.S.Ed. (Ohio Northern University)  
*Field of Specialization:* Music
- John Robert Rittenhour, Bucyrus  
B.S.Ed.  
*Field of Specialization:* Education
- James Thomas Rogers, Columbus  
B.S.Ed.  
*Field of Specialization:* Journalism
- John Daniel Rohrer, Orrville  
B.S. Agr.  
*Field of Specialization:* Agricultural Education
- Richard Joseph Rosato, New Albany  
B.S. (Rio Grande College)  
*Field of Specialization:* Education
- Oretha Moore Rose, Columbus  
B.S. (Pikeville College)  
*Field of Specialization:* Education
- James David Roth, Allentown, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Speech Communication
- John Charles Runda,  
Fort Mitchell, Ky.  
A.B. (Thomas More College)  
*Field of Specialization:* Sociology
- Jane Edelstein Saks, Freeport, N. Y.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Psychology
- David Otto Saiczler, Columbus  
B.A.  
*Field of Specialization:* Education
- Theodore Joseph Samuel, Rocky River  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration
- Maria Lourdes Santa-Maria,  
Columbus  
A.B. (Ohio Dominican College)  
*Field of Specialization:* Psychology
- Anne Elizabeth Marshall Saunier,  
New Concord  
B.A. (Muskingum College)  
*Field of Specialization:* Education
- Marsha Lee Scheffler,  
Eastchester, N. Y.  
B.S.Ed.  
*Field of Specialization:* Education
- Hedwig Hannelore Schmidt, Granville  
Staatsprüfung (Johann-Wolfgang-Goethe University)  
*Field of Specialization:* German
- Spencer Roy Schron, Laurelton, N. Y.  
B.A. (Adelphi University)  
*Field of Specialization:* Political Science
- Janice Kay Sessler, Gahanna  
B.S.Ed. (Ohio Northern University)  
*Field of Specialization:* Education

- Curtis Don Shellhamer, Alliance  
B.S. (Mount Union College)  
*Field of Specialization:* English
- Frances Powers Shilling, Columbus  
B.S. (Wright State University)  
*Field of Specialization:* Education
- Steven Sicklick, West Hartford, Conn.  
B.S.Bus.Ad. (Boston University)  
*Field of Specialization:* Geography
- Peggy Mae Siegel, Cleveland  
B.A.  
*Field of Specialization:* Political Science
- I. John M. Slegeski, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Alice Mary Smith, Middletown  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education
- Carol Becker Smith, Dubuque, Ia.  
B.A. (Wartburg College)  
*Field of Specialization:* English
- Diane Dates Smith, Corning, N. Y.  
B.A. (State University College, Buffalo)  
*Field of Specialization:* English
- Marlene Joan Fersch Smith, Reynoldsburg  
B.S. (University of Wisconsin)  
*Field of Specialization:* Education
- Raymond Joseph Smith, Cambridge, Mass.  
B.A. (Boston College)  
*Field of Specialization:* Classics
- Ronald Kent Snider, Marion  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education
- Kathleen Ann Kagy Spangler, Tiffin  
B.S.Ed.  
*Field of Specialization:* Romance Languages
- Dale Cooper Spector, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Carol Lynn Spohn, Newark  
B.S.Ed.  
*Field of Specialization:* Education
- Robert Charles Sprague, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Janis Arlene Spurlock, Creswell, N.C.  
B.A.Lib.Arts (University of Tennessee)  
*Field of Specialization:* History of Art
- Shirley Adams Stankosky, Jamestown, N. Y.  
B.A. (State University College at Oswego)  
*Field of Specialization:* Romance Languages
- Diane Staunton Staples, Columbus  
B.S. in Speech (Northwestern University)  
*Field of Specialization:* Political Science
- James Kail Stewart, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Michael James Stewart, Downey, Calif.  
B.S. (California State Polytechnic College)  
*Field of Specialization:* Physical Education
- Mark Steven Stock, Canton  
B.S. (Capital University)  
*Field of Specialization:* Education
- Cristina Sophia Stone, Reno, Nev.  
B.A. (University of Nevada)  
*Field of Specialization:* Philosophy
- Jeri Lyn Studebaker, Springfield  
B.A.  
*Field of Specialization:* Anthropology
- John Wilbert Suomela, Columbus  
B.A. (University of Minnesota)  
*Field of Specialization:* Economics
- Linda Bercau Sweazy, Columbus  
B.A. Ed.  
*Field of Specialization:* Education
- Philip Sheridan Sweeterman, Dayton  
B.F.A.  
*Field of Specialization:* Education
- Marthalee E. Shaffer Thomas, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jacquelyn Clare Tilton, Newark  
B.S.Ed.  
*Field of Specialization:* Education
- Kathleen Maria Toth, Columbus  
B.A.  
*Field of Specialization:* Political Science
- Elizabeth Simpson Tracy, Hillside, N. J.  
B.A. (Wellesley College)  
*Field of Specialization:* English
- Jay Dean Tucker, Mansfield  
B.S.Bus.Ad.  
*Field of Specialization:* Economics
- Brenda Burge Tudor, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Gale Blake Uhl, Fanwood, N. J.  
B.A. (Miami University)  
*Field of Specialization:* Psychology
- Sharon Kay Uhl, Greenfield  
B.A. (University of Kentucky)  
*Field of Specialization:* Education
- Anthony Joseph Vignola, Jr., Franklin Square, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization:* Economics
- Pablo Virumbrales, Madrid, Spain  
Licenciatura (Universidad de Madrid)  
*Field of Specialization:* Romance Languages and Literatures
- Lucille Rich Vitka, Columbus  
B.A. (Good Counsel College)  
*Field of Specialization:* Education
- Kathleen Marie Vogt, Akron  
B.A.  
*Field of Specialization:* English
- Mary Louise Wagener, West Springfield, Mass.  
B.A. (Marymount College)  
*Field of Specialization:* History
- Karen Beatty Waltz, Zanesville  
B.Ed. (Murray State University)  
*Field of Specialization:* Education
- Sue Lynn Wanveer, Chevy Chase, Md.  
B.A. (University of Maryland)  
*Field of Specialization:* Dance
- Veronica Ware, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Mildred Bell Washington, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Theodore John Waters, Columbus  
B.A.  
*Field of Specialization:* Education
- Cathy Ann Weaver, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* Education
- Alice McClanahan Webb, Columbus  
B.A. (College of Wooster)  
*Field of Specialization:* Romance Languages and Literatures
- Marilyn Joyce Webb, Sioux City, Ia.  
B.A. (Morningside College)  
*Field of Specialization:* History

Elizabeth Salzgraber West, Columbus  
A.B. (Asbury College)  
*Field of Specialization: Education*

Wayne Richard Wheeler,  
West Springfield, Mass.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Business  
Administration*

Sandra Jane White, Columbus  
B.A. Jour.  
*Field of Specialization: Journalism*

Russell William Whittenburg,  
Wilmington  
B.S.Ed.  
*Field of Specialization: Education*

Alvin Carl Whyte, Columbus  
B.A.  
*Field of Specialization: Education*

David James Wiget, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

James Elwood Wiley, Jr.,  
Trenton, N. J.  
A.B. (Rutgers College)  
*Field of Specialization: Education*

Patricia Louise Wilson, Rye, N. Y.  
B.A.  
*Field of Specialization: Education*

Yvonne Simmons Winthrop, Piqua  
B.S.Ed.  
*Field of Specialization: English*

Carol Ann Wzig, Waco, Tex.  
B.S. (University of Texas)  
*Field of Specialization: Speech  
Communication*

Bruce I. Wolford, Kingston  
B.S.Ed.  
*Field of Specialization: Education*

Deborah Lee Woodside, Cincinnati  
B.S. (Eastern Kentucky University)  
*Field of Specialization: Physical  
Education*

Jerry Steven York, Columbus  
B.S. (Middle Tennessee State  
University)  
*Field of Specialization: Psychology*

Rita Lucy Zawierucha, Buffalo, N. Y.  
B.A. (Saint Bonaventure University)  
*Field of Specialization: English*

Holly Semiloff Zelasko,  
Lincolnwood, Ill.  
B.A. (University of Wisconsin at  
Madison)  
*Field of Specialization: Linguistics*

Judith Eve Zoble, Morrisville, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Physical  
Education*

Suzanne Zuckerman, Levittown, N. Y.  
B.A. (Lake Forest College)  
*Field of Specialization: Linguistics*

#### **Master of Business Administration**

Forty-two candidates

° Beverlee Byler Anderson,  
West Liberty  
B.S.Bus. Adm., B.S.Ed.  
*Field of Specialization: Business  
Administration*

Gerald Michael Anderson,  
Canal Winchester  
B.I.E.  
*Field of Specialization: Business  
Administration*

Thomas Malcolm Barnes, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization: Business  
Administration*

John Barta, Jr., Bedford  
B.S.M.E.  
*Field of Specialization: Business  
Administration*

Martin Earl Batross, Zanesville  
B.S.Bus. Adm.  
*Field of Specialization: Business  
Administration*

Jane Forsythe Boynton, Wheelersburg  
B.S.Bus. Adm.  
*Field of Specialization: Business  
Administration*

Dennis Alden Brown, Norwalk  
B.S.Ed.  
*Field of Specialization: Business  
Administration*

David Charles Burgess, Columbus  
B.S. Aero. Eng. (Purdue University)  
*Field of Specialization: Business  
Administration*

Robert Virlyn Byrd, Columbus  
B.E.E., M.S.  
*Field of Specialization: Business  
Administration*

William Charles Carr, Columbus  
B.S. (United States Coast Guard  
Academy)  
*Field of Specialization: Business  
Administration*

James Warren Cline, Reynoldsburg  
B.E.E.  
*Field of Specialization: Business  
Administration*

Jeffrey Lynn Corthell, Port Clinton  
B.S. Bus. Adm.  
*Field of Specialization: Business  
Administration*

James Edward Dillon, Canton  
B.S. (Carnegie-Mellon University)  
*Field of Specialization: Business  
Administration*

James Henry Ehlers, Fort Myers, Fla.  
B.S. (Florida State University)  
*Field of Specialization: Business  
Administration*

Jeffrey Alan Felman, Beachwood  
B.B.A. (University of Cincinnati)  
*Field of Specialization: Business  
Administration*

Mark Edward Ferrick, Columbus  
B.S. Ch. E. (University of Notre  
Dame)  
*Field of Specialization: Business  
Administration*

Thomas James Hawley, North Canton  
B.A. (Ohio Northern University)  
*Field of Specialization: Business  
Administration*

Stanley Robert Jewell, Columbus  
B.E.E.  
*Field of Specialization: Business  
Administration*

Gary E. Jung, Cincinnati  
B.S. (Saint Joseph's College)  
*Field of Specialization: Business  
Administration*

John Joseph Kelly, Fairborn  
B.S. (United States Naval Academy);  
M.S. (Rensselaer Polytechnic  
Institute)  
*Field of Specialization: Business  
Administration*

Steven Walter Kendall, Chicago  
B.S.C. (DePaul University)  
*Field of Specialization: Business  
Administration*

Allen Peter Krukowski, Cleveland  
B.S.M.E.  
*Field of Specialization: Business  
Administration*

\* Also Doctor of Philosophy, Graduate School

Donald William LaJevic, Columbus  
B.S. (California State College,  
Pennsylvania); B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

David Michael Lemons,  
Huntington, W. Va.  
B.S. (Marshall University)  
*Field of Specialization*: Business  
Administration

Richard Dale Maron, South Euclid  
B.S.C.I.S.  
*Field of Specialization*: Business  
Administration

Dana Monas Marshall, Columbus  
B.S. (Case Western Reserve  
University)  
*Field of Specialization*: Business  
Administration

Harold Ray McFarland, Pataskala  
B.E.E. (University of Dayton); M.S.  
*Field of Specialization*: Business  
Administration

Aloysius Leonard Mikolanis, Fairborn  
B.S.M.E. (Case Institute of  
Technology)  
*Field of Specialization*: Business  
Administration

Lawrence Lee Mills, Jonesboro, Ark.  
B.S. (Oklahoma State University)  
*Field of Specialization*: Business  
Administration

Thomas Howard Rutherford,  
Columbus  
B.S.  
*Field of Specialization*: Business  
Administration

Vijay Vishwanath Sathe,  
Baroda, India  
B.E. (University of Poona, India);  
M.S. (University of Wisconsin,  
Madison)  
*Field of Specialization*: Business  
Administration

David Edward Schuster, Columbus  
B.S. (Michigan College of Mining and  
Technology)  
*Field of Specialization*: Business  
Administration

Richard D. Sefts, Westerville  
B.A. (Wittenberg University)  
*Field of Specialization*: Business  
Administration

Mark John Sever, Dayton  
B.S.M.E.  
*Field of Specialization*: Business  
Administration

Lawrence Jay Shoemaker, Cridersville  
B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

Marvin Anthony Stibich, Dayton  
B.Aero.E. (University of Detroit)  
*Field of Specialization*: Business  
Administration

John Patrick Sullivan, Fort Lee, Va.  
B.S. (NS) (Niagara University)  
*Field of Specialization*: Business  
Administration

Dwight Frank Thompson, Ashtabula  
B.S.  
*Field of Specialization*: Business  
Administration

Kenneth Paul Thurston, Dayton  
B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

James Riley Tucker, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

William D. Turner, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

Keith Edward Wier, Columbus  
B.S. (Purdue University); M.S. in  
Phy. (Illinois Institute of Technology)  
*Field of Specialization*: Business  
Administration

#### **Master of City Planning**

Twelve candidates

Michael Alexis Anikeeff, Akron  
A.B. (University of California at  
Berkeley)  
*Field of Specialization*: City and  
Regional Planning

Robert Morris Duncan, Columbus  
B.S. (University of Kentucky)  
*Field of Specialization*: City and  
Regional Planning

Steven Lewis Fink, Redmond, Wash.  
A.B. (Whitman College)  
*Field of Specialization*: City and  
Regional Planning

Lawrence Edward Helman, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: City and  
Regional Planning

Denton Stilwell Hopper, Hudson, N. Y.  
A.B. (Colgate University)  
*Field of Specialization*: City and  
Regional Planning

Ralph David Jacobson, Malaga, N. J.  
B.S. (Albright College)  
*Field of Specialization*: City and  
Regional Planning

John Daniel Janczewski,  
Wilmington, Del.  
B.A. (Western Maryland College)  
*Field of Specialization*: City and  
Regional Planning

John Joseph Plahovinsak, Oxford  
B.A. (Rider College); M.A. (Miami  
University); M.A.  
*Field of Specialization*: City and  
Regional Planning

Harry William Sellers,  
New Orleans, La.  
B.A. (Tulane University)  
*Field of Specialization*: City and  
Regional Planning

James Charles Tracy, Columbus  
B.A.  
*Field of Specialization*: City and  
Regional Planning

Charles Alexander Turner, III,  
Columbus  
B.A.  
*Field of Specialization*: City and  
Regional Planning

Howard Davis Williams,  
North Hollywood, Calif.  
B.S. (University of Utah)  
*Field of Specialization*: City and  
Regional Planning

#### **Master of Fine Arts**

Eleven candidates

Warren Otis Angle, Columbus  
B.S. (Manchester College)  
*Field of Specialization*: Fine Arts  
(Sculpture)

James Ralston Clark, Columbus  
B.F.A.  
*Field of Specialization*: Fine Arts  
(Ceramics)

Georgianne Catherine Diedalis,  
Columbus  
B.F.A.  
*Field of Specialization: Fine Arts*  
(Graphics)

Gertrud Maria Stich Fischer,  
Worthington  
Diploma (Ecole Supérieure de  
Commerce, Switzerland); M.A.  
*Field of Specialization: Fine Arts*  
(Graphics)

Michael John Keyes, Dayton  
B.F.A. (Wright State University)  
*Field of Specialization: Fine Arts*  
(Painting)

Floyd Dwaine Martin,  
Valley City, N.D.  
B.S. (State Teachers College); M.S.  
(University of North Dakota)  
*Field of Specialization: Fine Arts*  
(Painting)

Christopher Powers Meyer,  
Richmond, Va.  
B.A. (Washington and Lee  
University)  
*Field of Specialization: Fine Arts*  
(Sculpture)

Susan Theresa Phillips,  
Punxsutawney, Pa.  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization: Fine Arts*  
(Ceramics)

Bevlyn Ann Simson, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts*  
(Painting)

Ronald Russell Syarto, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts*  
(Painting)

Marilyn Arms Wilson, Louisville, Ky.  
B.S. (Northwestern University);  
M.A. (University of Louisville)  
*Field of Specialization: Theatre*

#### **Master of Music**

Nine candidates

Gordon Shepherd Baughman, Newark  
A.B. (Indiana University)  
*Field of Specialization: Music*

Katherine Jane Borst, Rosemont, Pa.  
B.A. (University of New Hampshire)  
*Field of Specialization: Music*

Steven Douglas Craig, Mt. Victory  
B.S.Ed.  
*Field of Specialization: Music*

Berni E. Finfrock, Brooksville  
B.A. (Marshall University)  
*Field of Specialization: Music*

Rodney Alan Giles, Leawood, Kan.  
B.M. (University of Missouri)  
*Field of Specialization: Music*

Shirley Hurtz Harrison, Tiffin  
B.Mus.Ed. (University of Nebraska)  
*Field of Specialization: Music*

Ann Royce Moore, Albion, N. Y.  
A.B. (Sweet Briar College)  
*Field of Specialization: Music*

William Curtis Shontz, Strasburg  
B.Mus.  
*Field of Specialization: Music*

Mary Lawrence Sidoti,  
Catonsville, Md.  
B.Mus. (Westminster Choir College)  
*Field of Specialization: Music*

#### **Master of Public Administration**

Ten candidates

Gerald Wayne Borin, Cincinnati  
B.A.  
*Field of Specialization: Public*  
Administration

Vincent Arthur Bova, Jr., Cincinnati  
B.A. (Alma College)  
*Field of Specialization: Public*  
Administration

Don Louis Brown, Jr., Columbus  
B.A.  
*Field of Specialization: Public*  
Administration

James Louis Falter, Huron  
B.S.Ed.  
*Field of Specialization: Public*  
Administration

Paul Edward Goggin, Oxford  
B.A. (Miami University)  
*Field of Specialization: Public*  
Administration

Dale Lynn McGirr, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Public*  
Administration

Abbas Sadrai-Nadjafi, Tehran, Iran  
Licentiate (National University of  
Iran)  
*Field of Specialization: Public*  
Administration

Richard Paul Seiter,  
New Bloomington  
B.S.Bus.Adm.  
*Field of Specialization: Public*  
Administration

Marianne Wise, Columbus  
A.B. (Ohio University)  
*Field of Specialization: Public*  
Administration

David Leonard Ziskie,  
Hamtramck, Mich.  
B.A. (Michigan State University)  
*Field of Specialization: Public*  
Administration

#### **Master of Science**

Two hundred and fifty candidates

Glenn Robert Abke, Luckey  
B.S.Agr.  
*Field of Specialization: Agricultural*  
Education

Benjamin Adu-Amankwa,  
Zongo, Ghana  
B.Sc. (University of Science and  
Technology)  
*Field of Specialization: Chemical*  
Engineering

Jan Alexander Aitken,  
Fond Du Lac, Wis.  
B.A. (Lawrence University)  
*Field of Specialization: Computer and*  
Information Science

John Edward Allahand, Trevoze, Pa.  
B.S. (Moravian College)  
*Field of Specialization: Mathematics*

Lynn Carol Allen, Columbus  
B.S.Phys.Ther.  
*Field of Specialization: Allied*  
Medicine

Roy Wayne Andrews, Enterprise, Ala.  
D.M.D. (University of Alabama)  
*Field of Specialization: Dentistry*

William Henry Andrews, III,  
Cleveland  
B.A. (Central State College)  
*Field of Specialization: Allied*  
Medicine

Christine Adella Apple, Columbus  
B.S. (Capital University)  
*Field of Specialization: Zoology*

Ralph Wilson Aumick, Columbus  
B.S.Agr.  
*Field of Specialization: Horticulture*

- Walter George Baety, III, Columbus  
B.S. (Arizona State University)  
*Field of Specialization:* Physiological  
Chemistry
- Jack Towler Bauguss, Jr.,  
Concord, Tenn.  
D.D.S. (University of Tennessee)  
*Field of Specialization:* Dentistry
- \*Charles David Becher, Louisville, Ky.  
*Field of Specialization:* Electrical  
Engineering
- Susan Beggs, Houston, Tex.  
B.B.A. (Baylor University); M.P.H.  
(University of Texas)  
*Field of Specialization:* Preventive  
Medicine
- Robert Alan Bell, Columbus  
B.S. Agr.E.  
*Field of Specialization:* Agricultural  
Engineering
- Harry Alan Bernheim,  
South Orange, N. J.  
B.S.  
*Field of Specialization:* Zoology
- °Benjamin Wilson Berry,  
Millville, N. J.  
*Field of Specialization:* Electrical  
Engineering
- Roberta Kablach Bilous, Erie, Pa.  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization:* Home  
Economics
- Jesse Lee Blair, Columbus  
B.S. (Otterbein College)  
*Field of Specialization:* Computer and  
Information Science
- Pamela Disken Bombach, Dayton  
B.S. Nurs.  
*Field of Specialization:* Nursing
- Carolyn Ray Boone, Columbus  
B.A. (Siena College)  
*Field of Specialization:* Mathematics
- Gary Lynn Bowen, Beach City  
B.S.M.E. (University of Cincinnati)  
*Field of Specialization:* Mechanical  
Engineering
- Randall Lee Braddom, Columbus  
B.A. (DePauw University); M.D.  
*Field of Specialization:* Physical  
Medicine
- Chester Howard Bradeen,  
North Andover, Mass.  
B.A. (Nathaniel Hawthorne College);  
M.A. (Northern Arizona University)  
*Field of Specialization:* Preventive  
Medicine
- Edward John Bradel, Sewickley, Pa.  
B.S. (Otterbein College)  
*Field of Specialization:* Pathology
- Ronald James Briggs, Frankfort  
B.S.I.E.  
*Field of Specialization:* Industrial  
Engineering
- Thomas V. Briggs, Bellefontaine  
B.S. (Urbana College)  
*Field of Specialization:* Botany
- Mark Maxwell Bundy, Cleveland  
B.S.  
*Field of Specialization:* Zoology
- Mable Louise Burns, Detroit, Mich.  
B.S. (Wayne State University)  
*Field of Specialization:* Allied  
Medicine
- Curtis Deen Buttorff, Englewood, Colo.  
B.A. (Colorado College)  
*Field of Specialization:* Computer and  
Information Science
- Kathleen Rohrs Byrne, Bowling Green  
B.S. Nurs.  
*Field of Specialization:* Nursing
- Kamal Kanti Chakravarti,  
Agartala, India  
B.Sc. (Burdwan Raj College); M.Sc.  
(Calcutta University)  
*Field of Specialization:* Mathematics
- Chu-Nan Chang, Toa-Yuan, China  
B.S. (National Taiwan Normal  
University)  
*Field of Specialization:* Physics
- Lu-hsi Chang, New York, N. Y.  
B.A. (National Taiwan Normal  
University)  
*Field of Specialization:* Zoology
- Ming Jen Wu Chang, Taipei, Taiwan  
B.S. (National Taiwan Normal  
University)  
*Field of Specialization:* Chemistry
- Te Lung Chang, Chung-Ho, Taiwan  
B.S. (National Taiwan University);  
M.A. (Indiana University)  
*Field of Specialization:* Computer and  
Information Science
- Yoon Sam Chang, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization:* Physics
- Charles Chang Chao, Taipei, Taiwan  
B.S. (Taipei Provincial Cheng Kung  
University)  
*Field of Specialization:* Civil  
Engineering
- Pichien Charoenkolakit,  
Bangkok, Thailand  
B.E. (Chulalongkorn University)  
*Field of Specialization:* Civil  
Engineering
- Mary Elizabeth Collins, Cincinnati  
B.S. (Ohio University)  
*Field of Specialization:* Home  
Economics
- Alan Robert Cory, Columbus  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering
- John Benjamin Cosgray, Columbus  
B.I.E.  
*Field of Specialization:* Industrial  
Engineering
- Carl Joseph Cron, Columbus  
B.Met.E.  
*Field of Specialization:* Metallurgical  
Engineering
- Michael Anthony Curran, Bellaire  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering
- Richard Joseph Dafler, Columbus  
B.S. Food Tech.  
*Field of Specialization:* Horticulture
- Robert Edwin Daley, Columbus  
B.S.  
*Field of Specialization:* Anatomy
- Thomas Henry Dalrymple, Mt. Gilead  
B.S.M.E.  
*Field of Specialization:* Mechanical  
Engineering
- Hari Kant Dave, Kanpur, India  
B.Tech. (Indian Institute of  
Technology)  
*Field of Specialization:* Electrical  
Engineering
- Robert Neil Dearth, Beverly  
B.S. Agr.  
*Field of Specialization:* Animal  
Science
- Kwamena Gyakyee deGraft-Johnson,  
Accra, Ghana  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering
- Pierre Sylvestre Del Prato, Columbus  
D.Pharmacy (University of Southern  
California)  
*Field of Specialization:* Pharmacy
- Maria Iracema de Sa,  
Fortaleza, Brazil  
B.S.H.Ee. (University of Arizona)  
*Field of Specialization:* Home  
Economics

\* Also Bachelor of Electrical Engineering,  
College of Engineering

Jean-Paul Descoteaux,  
St. Hyacinthe, Que., Canada  
D.M.V. (University of Montreal)  
*Field of Specialization: Veterinary  
Medicine*

Arnold Harry Deutchman, Akron  
B.S. (Ohio University)  
*Field of Specialization: Nuclear  
Engineering*

Larry Wilmer Dodds, Bellefontaine  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Roger Dean Drummond, Columbus  
B.S.E. (University of Michigan)  
*Field of Specialization: Electrical  
Engineering*

Thomas Marvin Dubin, Dayton  
B.S. (University of Pittsburgh)  
*Field of Specialization: Biochemistry*

Thomas Edward Duvall, Dayton  
B.S. (Georgetown College)  
*Field of Specialization: Industrial  
Engineering*

William Anthony Earl, Columbus  
B.S.Bus.Adm., M.B.A.  
*Field of Specialization: Allied  
Medicine*

Andrew George Earnest, Dover, Pa.  
B.S. (Elizabethtown College)  
*Field of Specialization: Mathematics*

Donald Lawrence Eby, West Salem  
B.S.Agr.  
*Field of Specialization: Dairy Science*

John Michael Ellinger, Logan  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Bruce William Elliott, Jr.,  
Cleveland Heights  
B.S.  
*Field of Specialization: Microbiology*

Dawn Claire Elton,  
North Bergen, N. J.  
B.A. (Drew University)  
*Field of Specialization: Mathematics*

Tadayoshi Enomoto,  
Saitama Ken, Japan  
B.S. (Nihon University)  
*Field of Specialization: Electrical  
Engineering*

Jeanne Marie Erickson, Columbus  
B.A.  
*Field of Specialization: Microbiology*

Jeffrey Elmer Fagerstrom, Ashtabula  
D.D.S.  
*Field of Specialization: Dentistry*

Ralph Gordon Fennell,  
Sandy Lake, Pa.  
B.A. (Washington and Jefferson  
College); M.D. (University of  
Pennsylvania)  
*Field of Specialization: Preventive  
Medicine*

Marie Agnes Fleer, Zanesville  
B.S. (Ohio University)  
*Field of Specialization: Medical  
Microbiology*

Lawrence Stephen Fleischer, Parma  
B.S. (Purdue University)  
*Field of Specialization: Mechanical  
Engineering*

Robert Lewis Folger, Bethel  
B.S.Agr.  
*Field of Specialization: Dairy Science*

Douglas John Forsyth,  
Manotick, Ont., Canada  
B.Sc. (Honours) (Carleton  
University)  
*Field of Specialization: Zoology*

Yashvantrao Ratilal Fozdar,  
Jamnagar, India  
B.E. (University of Baroda)  
*Field of Specialization: Electrical  
Engineering*

James Ray Freeburg, Kewanee, Ill.  
B.S. (University of Illinois)  
*Field of Specialization: Physics*

Norman Dudley Fulton, III, Fairborn  
B.S.E.E. (Purdue University)  
*Field of Specialization: Computer and  
Information Science*

Ivan Garcia-Marengo,  
Managua, Nicaragua  
Lic.Class.Hum., Lic.Philos. (Catholic  
University of Ecuador);  
M.A. (Theology) (Saint Mary's  
University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Michael Gelsie, North East, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Electrical  
Engineering*

<sup>2</sup>Roger Frederick Genter, Napoleon  
*Field of Specialization: Agricultural  
Education*

Susanna Maria Ginali, Chicago, Ill.  
B.S. (University of Chicago)  
*Field of Specialization: Computer  
and Information Science*

Chapman Patrick Gleason,  
Mansfield, Pa.  
B.A. (Mansfield State College)  
*Field of Specialization: Mathematics*

Joseph Anthony Gliem,  
Charles City, Ia.  
B.S. (Iowa State University of  
Science and Technology)  
*Field of Specialization: Agricultural  
Education*

Carlotta Betty Globe, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: Computer  
and Information Science*

Alfonso Gonzalez-Finat,  
Madrid, Spain  
Ingeniero (Escuela Tecnica Superior  
de Ingenieros de Caminos)  
*Field of Specialization: Civil  
Engineering*

Sivasithamparam Gopalapillai,  
Jaffna, Ceylon  
B.Sc. (University of Ceylon)  
*Field of Specialization: Geodetic  
Science*

Tayseer Abdel Latif Gouda,  
Alexandria, Egypt  
B.Sc. (Ain Shams University)  
M.Sc. (Cairo University)  
*Field of Specialization: Pharmacy*

Jeffrey Lee Grandison, Uhrichsville  
B.S. (Kent State University)  
*Field of Specialization: Natural  
Resources*

Elizabeth Crompton Granger,  
Circleville  
B.S. (Western Maryland College)  
*Field of Specialization: Home  
Economics*

<sup>†</sup>Michael Howard Greenberg,  
South Euclid  
B.S.  
*Field of Specialization: Optometry*

Don Ray Gum, Dayton  
E.E. (University of Cincinnati)  
*Field of Specialization: Electrical  
Engineering*

<sup>4</sup> Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics  
<sup>†</sup> Also Doctor of Optometry, College of  
Optometry

- Brian Keith Hajek, Columbus  
B.S., B.A. (Otterbein College)  
*Field of Specialization:* Nuclear Engineering
- Robert David Hall, Hot Springs, Ark.  
B.S., D.V.M. (Oklahoma State University)  
*Field of Specialization:* Veterinary Medicine
- Jack Harvey Hamilton, Columbus  
B.S.  
*Field of Specialization:* Zoology
- Hillyard Rex Hartson, Columbus  
B.S.E., M.S.E. (University of Michigan)  
*Field of Specialization:* Computer and Information Science
- Louis John Haskell, Columbus  
B.S. (University of Kentucky)  
*Field of Specialization:* Electrical Engineering
- Jack Kerrigan Heil, Jr., Columbus  
A.B. (Olivet Nazarene College)  
*Field of Specialization:* Allied Medicine
- Paul Robert Heller, Wooster  
B.A. (Malone College)  
*Field of Specialization:* Entomology
- John Robert Hellert, Middleport, N. Y.  
B.S. (Capital University)  
*Field of Specialization:* Geology
- Maxine Ogino Hemme, Seattle, Wash.  
B.S.  
*Field of Specialization:* Mathematics
- Rex David Hemme, Youngstown, N. Y.  
B.S. (Purdue University)  
*Field of Specialization:* Mathematics
- Mahlon Hiestand, Denver, Colo.  
B.S. (Colorado State University);  
M.D. (University of Colorado)  
*Field of Specialization:* Preventive Medicine
- Michael Charles Hitgeman, Loveland  
B.S.C.E.  
*Field of Specialization:* Civil Engineering
- Roger Lewis Hothem, East Sparta  
B.S.  
*Field of Specialization:* Natural Resources
- William Eugene Hudson, Columbus  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- Agnes Yuet-Yin Hui, Hong Kong  
A.B. (Smith College)  
*Field of Specialization:* Mathematics
- Paul Lester Hunt, Portersville, Pa.  
B.S. (Geneva College)  
*Field of Specialization:* Electrical Engineering
- Bruce Carroll Huntzinger, Sandusky  
B.E.E.  
*Field of Specialization:* Electrical Engineering
- Ronald Richard Jackups, Brooklyn, N. Y.  
B.S. (Le Moyne College)  
*Field of Specialization:* Electrical Engineering
- Linda Therese Janchar, Barberton  
B.S.H.Ec. (Notre Dame College)  
*Field of Specialization:* Allied Medicine
- James Robert Jansen, North Olmsted  
B.S.Pharm. (University of Toledo)  
*Field of Specialization:* Pharmacy
- Charles Scott Joublane, Columbus  
B.Ch.E.  
*Field of Specialization:* Chemical Engineering
- Ajitkumar Chandrakant Kadakia, Dohad, India  
B.E. (Sardar Patel University)  
*Field of Specialization:* Electrical Engineering
- Donald David Kalinowski, Cleveland  
B.S. (University of Dayton)  
*Field of Specialization:* Mineralogy
- Naresh Kumar Kapoor, Bombay, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization:* Electrical Engineering
- Sulochana Naresh Kapoor, Bombay, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization:* Electrical Engineering
- Vincent Eugene Kearney, Huntington, W. Va.  
Aero.Engr. (University of Cincinnati)  
*Field of Specialization:* Engineering Mechanics
- William Phillip Keenan, Bellerose, N. Y.  
B.A. (Queens College, N. Y.)  
*Field of Specialization:* Mathematics
- William Robert Kerr, Kettering  
B.S.M.E. (Carnegie Institute of Technology)  
*Field of Specialization:* Metallurgical Engineering
- Mynor King, Taipei, Taiwan  
B.S. (Taiwan Christian College)  
*Field of Specialization:* Nuclear Engineering
- Donald Stuart Kitain, Dayton  
A.B. (Indiana University)  
*Field of Specialization:* Zoology
- Robert Floyd Knapp, Cleveland Heights  
B.E.E.  
*Field of Specialization:* Electrical Engineering
- Duane Carl Knauer, Sandusky  
B.I.E.  
*Field of Specialization:* Industrial Engineering
- James Raymond Knight, Columbus  
B.S.Pharm.  
*Field of Specialization:* Pharmacy
- Ronald Charles Kowalka, Columbus  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- Donald Robert Krahn, Seymour, Wis.  
B.A. (Saint Olaf College)  
*Field of Specialization:* Physics
- Melanie Jean Krichbaum, Galion  
B.S. (Capital University)  
*Field of Specialization:* Microbiology
- <sup>2</sup>Roger Ellis Kuseski, Pataskala  
*Field of Specialization:* Electrical Engineering
- Jero Thomas Kyle, Columbus  
B.S.E.E.  
*Field of Specialization:* Electrical Engineering
- Grahame Jeffrey Larson, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Geology
- Bettina Suzanne Lee, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Home Economics

\* Also Bachelor of Electrical Engineering, College of Engineering

- \*Doane Wing Lee, Columbus  
*Field of Specialization:* Electrical Engineering
- Irene Zai Lee, Hong Kong  
B.S. (Sir George Williams University)  
*Field of Specialization:* Statistics
- John Howard LeFever, Whittier, Calif.  
A.B. (Occidental College)  
*Field of Specialization:* Mathematics
- Daniel Jay Levine, Brooklyn, N. Y.  
B.E. (City College of New York)  
*Field of Specialization:* Civil Engineering
- Yue Jee Lin, Hsin-Chu, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization:* Genetics
- Ruichen Liu, Taipei, Taiwan  
B.S. (National Tsing Hua University)  
*Field of Specialization:* Physics
- Robert Michael Lukens, London  
B.E.E.  
*Field of Specialization:* Electrical Engineering
- Robert Marshall Lyons, Chandlersville  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- Gail Eileen Mallard, North Canton  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Microbiology
- Dennis Paul Markiewicz, Dearborn, Mich.  
B.A. (Michigan State University)  
*Field of Specialization:* Allied Medicine
- Robert Paul Markot, Springfield, Mass.  
B.S. (Worcester Polytechnic Institute)  
*Field of Specialization:* Mathematics
- Phyllis Marie Marshall, Brockway, Pa.  
B.S.Ed. (Clarion State College)  
*Field of Specialization:* Mathematics
- Martha Porterfield McBurney, St. Clairsville  
B.S.H.E.  
*Field of Specialization:* Home Economics
- Roderic Keith McCall, Springfield, Va.  
B.S. (Virginia Polytechnic Institute)  
*Field of Specialization:* Industrial Engineering
- Thomas Owen McCanney, Faribault, Minn.  
B.A. (Saint Mary's College)  
*Field of Specialization:* Physics
- Roger William McDonald, Eastlake  
B.A. (Cleveland State University)  
*Field of Specialization:* Allied Medicine
- Marybeth McFeeley, Brookfield, Wis.  
B.S. (Otterbein College)  
*Field of Specialization:* Botany
- William John McQueen, Chillicothe  
B.S. (Ohio University)  
*Field of Specialization:* Anatomy
- Kirkland Earle Mellad, Jamaica, West Indies  
B.S. (Tuskegee Institute)  
*Field of Specialization:* Dairy Science
- Gerald Lee Mercier, Grove City  
B.S.  
*Field of Specialization:* Computer and Information Science
- Peter Edwin Miller, Hollywood, Fla.  
B.E.E.  
*Field of Specialization:* Electrical Engineering
- John Herbert Shaw Milliken, Antrim, North Ireland  
B.Agr. (Queens University of Belfast, North Ireland)  
*Field of Specialization:* Dairy Science
- Gregory Scott Mills, Cincinnati  
B.S.  
*Field of Specialization:* Zoology
- Lisbeth M. Dole Mills, Lebanon  
A.B. (State University College at Fredonia)  
*Field of Specialization:* Zoology
- Robert Lee Mills, Columbus  
B.Ch.E.  
*Field of Specialization:* Chemical Engineering
- Paul Edwin Moffitt, Columbus  
B.S.Agr.  
*Field of Specialization:* Animal Science
- Michael Philip Moorman, Dayton  
B.S.  
*Field of Specialization:* Electrical Engineering
- Ronald Eugene Mossman, Oberlin  
B.S. (Ohio University)  
*Field of Specialization:* Botany
- Nancy Moulin, Kaukauna, Wis.  
B.A. (State University of Iowa)  
*Field of Specialization:* Allied Medicine
- Kavery Muthana, Kanpur, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization:* Computer and Information Science
- William Calvin Myers, Columbus  
B.A. (Muskingum College)  
*Field of Specialization:* Preventive Medicine
- Kathleen Susan Netzley, Laura  
B.S. (College of William and Mary)  
*Field of Specialization:* Zoology
- Arnould E. Tilvar Nicogossian, Woodside, N. Y.  
M.D. (Tehran University)  
*Field of Specialization:* Preventive Medicine
- Larry Ronald Noblick, Newark  
B.S.  
*Field of Specialization:* Botany
- Keith Allen Nowels, Loudonville  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- Sat Pal, Delhi, India  
B.A., M.A. (University of Delhi)  
*Field of Specialization:* Mathematics
- Alan Richard Palo, Columbus  
B.S.  
*Field of Specialization:* Geodetic Science
- Larry Dean Parish, Richwood  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- Michael Andrew Patrick, Orlando, Fla.  
B.S. (Florida State University)  
*Field of Specialization:* Microbiology
- Daniel Ralph Petrak, Dayton  
B.A. (Wabash College)  
*Field of Specialization:* Ceramic Engineering
- Clive Attila Petrovic, Columbus  
B.S.  
*Field of Specialization:* Zoology
- George Warner Phillips, Fairborn  
B.E.E. (University of Delaware)  
*Field of Specialization:* Electrical Engineering

\* Also Bachelor of Science in Electrical Engineering, College of Engineering

- <sup>1</sup>Ervin Roger Pickering, Troy  
*Field of Specialization:* Agricultural Education
- Harvey Marvin Pickrum, Columbus  
B.S.  
*Field of Specialization:* Microbiology
- Frank Steven Pipers, Worthington  
B.S., D.V.M.  
*Field of Specialization:* Veterinary Physiology
- Heinz Popiela, Columbus  
B.S.  
*Field of Specialization:* Zoology
- Helen Frances Ptak, Middletown, N. Y.  
B.S., M.A. (Columbia University Teachers College)  
*Field of Specialization:* Preventive Medicine
- Michael John Quinn, Westport, N. Y.  
B.S. (Saint Lawrence University)  
*Field of Specialization:* Geology
- Charles Paul Rafo, Cincinnati  
B.S.Agr., D.V.M.  
*Field of Specialization:* Veterinary Medicine
- Ashok Hari Rakhe, Bombay, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization:* Metallurgical Engineering
- Rafols Ramirez, Columbus  
B.S. in E.E. (University of Puerto Rico)  
*Field of Specialization:* Electrical Engineering
- Darrell Lee Rathburn, Columbus  
B.S.  
*Field of Specialization:* Computer and Information Science
- Steven Darryl Richardson, Penfield, N. Y.  
B.M.E.  
*Field of Specialization:* Mechanical Engineering
- Wyndham Riotte, Montclair, N. J.  
B.S. (Allegheny College)  
*Field of Specialization:* Geodetic Science
- <sup>2</sup>Mark Alan Robb, Hinckley  
*Field of Specialization:* Electrical Engineering
- Andrew William Roberts, Piqua  
A.B. (Miami University); B.S.Pharm.  
*Field of Specialization:* Pharmacy
- Walter Charles Roman, Columbus  
B.S. in M.E. (University of Pittsburgh)  
*Field of Specialization:* Natural Resources
- Stanley Timothy Rose, Columbus  
D.D.S.  
*Field of Specialization:* Dentistry
- David Frederick Ross, Springboro  
A.B. (Miami University)  
*Field of Specialization:* Zoology
- Carol Anne Rotilie, Columbus  
B.S.  
*Field of Specialization:* Microbiology
- Carol Ann Rzodkiewicz, Erie, Pa.  
B.A. (Mercyhurst College)  
*Field of Specialization:* Mathematics
- <sup>3</sup>Richard Steven Sacks, Akron  
*Field of Specialization:* Civil Engineering
- <sup>2</sup>David Leslie Sampson, Columbus  
*Field of Specialization:* Electrical Engineering
- John Clifford Schafer, Columbus  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical Engineering
- Bruce Dee Schanbacher, Cherokee, Okla.  
B.S. (Oklahoma State University)  
*Field of Specialization:* Dairy Science
- Mark Schmidhofer, Chillicothe  
A.B. (Shimer College)  
*Field of Specialization:* Biophysics
- Elaine Schellhase Schroeder, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization:* Nursing
- Thomas Robert Schultz, Van Wert  
B.S.  
*Field of Specialization:* Geology
- Ambrose Leo Schwallie, Quaker City  
B.S.M.E.  
*Field of Specialization:* Mechanical Engineering
- Ronald Keith Schwartz, Gettysburg, Pa.  
B.A. (Park College)  
*Field of Specialization:* Mathematics
- Stephen Francis Sears, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization:* Allied Medicine
- Charles Leroy Selman, Ravenden, Ark.  
B.S. (Arkansas State University)  
*Field of Specialization:* Entomology
- Catherine Sue Setterlin, Columbus  
B.A. (Denison University)  
*Field of Specialization:* Natural Resources
- <sup>1</sup>Steven LeMar Seward, North Manchester, Ind.  
B.A. (Knox College)  
*Field of Specialization:* Optometry (Physiological Optics)
- Ying Shen, Taipei, Taiwan  
B.S. (National Tsing-Hua University)  
M.A. (George Peabody College)  
*Field of Specialization:* Chemistry
- George William Sherer, Green Springs  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- <sup>2</sup>David Winfield Short, Fort Lauderdale, Fla.  
B.S. in Met.E. (University of Pennsylvania)  
*Field of Specialization:* Metallurgical Engineering
- Paul Thomas Shupert, Seaman  
B.S.Agr.E.  
*Field of Specialization:* Agricultural Engineering
- Charles Edward Shute, Jr., Columbus  
B.C.E.  
*Field of Specialization:* Civil Engineering
- Howard James Siegrist, Groveport  
B.S.Agr.  
*Field of Specialization:* Agricultural Education
- Jabar Singh, Rajasthan, India  
B.Sc. (University of Allahabad)  
*Field of Specialization:* Agricultural Engineering
- Janet Sue Skinner, Carlstadt, N. J.  
B.S. (Elizabethtown College)  
*Field of Specialization:* Botany
- Susan Baranovic Slesnick, Garfield Heights  
B.S. (Denison University)  
*Field of Specialization:* Mathematics
- Ronald Blaine Smart, Youngstown  
B.S. (Mount Union College)  
*Field of Specialization:* Civil Engineering

<sup>1</sup> Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

<sup>2</sup> Also Bachelor of Electrical Engineering, College of Engineering

<sup>3</sup> Also Bachelor of Civil Engineering, College of Engineering

<sup>4</sup> Also Doctor of Optometry, College of Optometry

<sup>5</sup> Also Doctor of Philosophy, Graduate School

Leonard Barry Smith,  
Calgary, Alta., Canada  
D.D.S. (University of Alberta)  
*Field of Specialization: Dentistry*

Ruth Marie Smith, Sherrordsville  
B.S. (Wittenberg University)  
*Field of Specialization: Horticulture*

Theodore MacDonald Smith, Columbus  
B.S. (Rose Polytechnic Institute)  
*Field of Specialization: Mathematics*

Yoon Soo Song, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization: Chemical  
Engineering*

Pedro Alfredo Sors-Schwieger,  
Caracas, Venezuela  
B.S. (Miami University)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Richard Arthur Springman, Marietta  
B.M.E.  
*Field of Specialization: Mechanical  
Engineering*

Melville Corneille Stewart, II,  
Columbus  
B.S.E. (E.E.), B.S.E. (M.E.)  
(University of Michigan)  
*Field of Specialization: Electrical  
Engineering*

James Ivan Stitzlein, Columbus  
B.S.Agr.  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

William Thomas Stockhausen,  
Green Springs, Fla.  
B.Eng. (Johns Hopkins University);  
B.S.Civ.Eng. (University of  
Missouri)  
*Field of Specialization: Geodetic  
Science*

John Edward Swenson, Akron  
B.M.E.  
*Field of Specialization: Mechanical  
Engineering*

David Samuel Takach, North Lima  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization: Electrical  
Engineering*

Daniel Robert Thielen, Racine, Wis.  
B.S. (Dominican College, Wisconsin)  
*Field of Specialization: Chemistry*

Robert Reedy Thornsberry,  
Lexington, Ky.  
B.S. (Morehead State College)  
*Field of Specialization: Allied  
Medicine*

\*Michael James Tomsic, Lockbourne  
*Field of Specialization: Welding  
Engineering*

John Frank Toth, Warren  
B.E.E. (Cleveland State University)  
*Field of Specialization: Electrical  
Engineering*

James Dale Turinetti, III, Chicago, Ill.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization: Geodetic  
Science*

Marie Anne Uremovic, Joliet, Ill.  
B.S. (College of Saint Francis)  
*Field of Specialization: Microbiology*

Dimitris Valaris, Athens, Greece  
Dipl. (University of Athens)  
*Field of Specialization: Dairy  
Technology*

Miranda Elefteriady Valaris,  
Athens, Greece  
Dipl. (National University of Athens)  
*Field of Specialization: Dairy  
Technology*

Robert Gary Van Horn, Dayton  
B.S.  
*Field of Specialization: Geology*

Harold Lloyd Varner, Waco, Tex.  
B.S. (University of Texas)  
*Field of Specialization: Pharmacy*

Jesus Eduardo Voloria, Columbus  
Medico Cirujano (University of the  
Andes)  
*Field of Specialization: Pathology*

Robert Walcott, Jr., Solon  
B.A. (College of Wooster);  
B.D. (Church Divinity School of the  
Pacific)  
*Field of Specialization: Allied  
Medicine*

Virginia Ruth Walter, Columbus  
B.S.  
*Field of Specialization: Horticulture*

Paul Tiing Renn Wang,  
Tainan, Taiwan  
B.S. (Chen Kung University)  
*Field of Specialization: Computer and  
Information Science*

Josephine Ellen Wargo, Caldwell  
B.S.  
*Field of Specialization: Natural  
Resources*

Steven Edward Weisbrode,  
Philadelphia, Pa.  
V.M.D. (University of Pennsylvania)  
*Field of Specialization: Veterinary  
Pathology*

William Philip Whalen, Lima  
B.A.  
*Field of Specialization: Mathematics*

Sara Jane White, Roseburg, Ore.  
B.S. (Oregon State University)  
*Field of Specialization: Pharmacy*

Beulah Newman Wingett, Moxahala  
B.S.H.E.  
*Field of Specialization: Home  
Economics*

John Edward Wolf, Reynoldsburg  
D.D.S.  
*Field of Specialization: Dentistry*

Sungkuk Won, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization: Metallurgical  
Engineering*

An-chi Wu, Taipei, Taiwan  
B.M. (National Taiwan University)  
*Field of Specialization: Physiology*

Edgar Paul Yoder, Millersburg  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

\*Wallace Howard Young, Fairfield  
B.A. (Miami University)  
*Field of Specialization: Optometry  
(Physiological Optics)*

Dennis Song Yun, Columbus  
B.S.  
*Field of Specialization: Computer and  
Information Science*

Logan Rahn Zintsmaster, Akron  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Corinne Degan Zitsman, Springfield  
B.A. (Wright State University)  
*Field of Specialization: Allied  
Medicine*

\* Also Bachelor of Welding Engineering,  
College of Engineering  
\*\* Also Doctor of Optometry, College of  
Optometry

**Master of Social Work**

Sixty-two candidates

Rosilyn Latham Appleman,  
Pickerington  
B.S.Ed.  
*Field of Specialization: Social Work*

Lowrie Druccella Barnes, Cincinnati  
B.S.Ed. (University of Cincinnati)  
*Field of Specialization: Social Work*

Alice Louise Bauer, Toledo  
A.B. (Ohio University)  
*Field of Specialization: Social Work*

Linda Rhoads Beal, Mansfield  
B.A. (Ashland College)  
*Field of Specialization: Social Work*

Marcelee June Berger, Amana, Ia.  
B.A. (State University of Iowa)  
*Field of Specialization: Social Work*

Joseph Bartholomew Borgo, Columbus  
B.A.  
*Field of Specialization: Social Work*

Linda Louise Horton Boyd, Cincinnati  
B.A. (Baldwin-Wallace College)  
*Field of Specialization: Social Work*

Jacqueline Roberta Smith Bray,  
Columbus  
B.A. (Wilberforce University)  
*Field of Specialization: Social Work*

Susan Marie Brown, Dayton  
B.A. (Edgely College)  
*Field of Specialization: Social Work*

Beverly Gordon Buckland, Xenia  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Marilyn Cantisano, Rochester, N.Y.  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

James Byron Carruth, Holland  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Mary Margaret Claunch,  
Denver, Colo.  
B.A. (Wake Forest College); M.Div.  
(Southeastern Baptist Theological  
Seminary)  
*Field of Specialization: Social Work*

Michael Vernon Fair, Delaware  
B.S.  
*Field of Specialization: Social Work*

Joan Kathryn Frantz, Columbus  
A.B. (Ohio University)  
*Field of Specialization: Social Work*

Daniel Joseph Fuline, Lowellville  
A.B. (Youngstown State University)  
*Field of Specialization: Social Work*

James Wilfred Gaidry, Youngstown  
A.B. (Youngstown University)  
*Field of Specialization: Social Work*

Ruth Einhorn Goodstein, Cincinnati  
A.B. (Hunter College)  
*Field of Specialization: Social Work*

Nancy Joan Higgins, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization: Social Work*

Yin-Shu Sung Ho,  
Kowloon, Hong Kong  
B.A. (Roosevelt University)  
*Field of Specialization: Social Work*

Sally Jane Howley, Pittsburgh  
B.A. (Pennsylvania State University)  
*Field of Specialization: Social Work*

Robert Edward Hurley,  
Rhinebeck, N. Y.  
B.A. (Saint Bonaventure University)  
*Field of Specialization: Social Work*

Ellen Hawkins Kellom, Cincinnati  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Elizabeth Katharine Ketz,  
Lincoln Park, N. J.  
B.A. (Millikin University)  
*Field of Specialization: Social Work*

David Drew Kittredge, New Canaan  
B.A. (Hanover College)  
*Field of Specialization: Social Work*

Erica Karp Klein, Evanston, Ill.  
A.B. (University of Illinois)  
*Field of Specialization: Social Work*

Margaret Ann Klein, Bethayres, Pa.  
A.B. (Wilkes College)  
*Field of Specialization: Social Work*

Carolyn Kolbe Ladd, Atlanta, Ga.  
A.B. (West Virginia University)  
*Field of Specialization: Social Work*

Roberta Schultz Lane, Columbus  
B.A. (Capital University)  
*Field of Specialization: Social Work*

Jerrold Lee Lazerwitz, Hillside, N. J.  
B.A. (Bloomfield College)  
*Field of Specialization: Social Work*

Cynthia Larkby LeGalley, Cleveland  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Cecile Hirsch Levenson Cincinnati  
A.B. (University of Michigan)  
*Field of Specialization: Social Work*

Linda Jo Loomis, Glenview, Ill.  
B.A. (Purdue University)  
*Field of Specialization: Social Work*

Claudia Coulton Lorish, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Social Work*

Dorothy Henzy Madden, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Linda Pernack Maslowski, Cincinnati  
B.A. (Miami University)  
*Field of Specialization: Social Work*

Annie Grace McBride,  
Charleston, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization: Social Work*

Patricia Ann Morgan, Mullins, S. C.  
B.A. (North Carolina College at  
Durham)  
*Field of Specialization: Social Work*

Rebecca McNeese Osborn, Scranton, Pa.  
A.B. (Smith College)  
*Field of Specialization: Social Work*

Paul Edward Patton, Jr.,  
Clarksburg, W. Va.  
B.A. (Marshall University)  
*Field of Specialization: Social Work*

Joseph John Piaseczny, Newark  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Barbara Jean Price, Damascus, Va.  
B.S. (East Tennessee State  
University)  
*Field of Specialization: Social Work*

Celia Maria Reid, Tiffin  
A.B. (Heidelberg College)  
*Field of Specialization: Social Work*

Norman Paul Richey, Malone, N. Y.  
B.A. (LeMoyne College)  
*Field of Specialization: Social Work*

Gloria Ann Rosenberg, Lexington, Ky.  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Roberta Marilyn Sackman,  
Brooklyn, N. Y.  
B.A. (Hunter College, New York)  
*Field of Specialization: Social Work*

Diana Gayle Schaeffer, Salem  
B.A. (Ohio Northern University)  
*Field of Specialization: Social Work*

Richard Evans Schira, Solon  
B.A. (Mount Union College)  
*Field of Specialization: Social Work*

Judith Stock Shapiro, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization: Social Work*

Carol Godofsky Singer, Columbus  
B.A. (Indiana University)  
*Field of Specialization: Social Work*

Roberta Hobson Sloman, Grove City  
A.B. (Bradley University)  
*Field of Specialization: Social Work*

Louise Smith, Hamilton  
B.S. (Miami University) ; B.Mus.  
(Conservatory of Music of  
Cincinnati)  
*Field of Specialization: Social Work*

Carol Marie Speck, Sebring  
B.A. (Walsh College)  
*Field of Specialization: Social Work*

Alexandra Cycyn Terry,  
East Liverpool  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

William Joseph Timmons,  
Wheeling, W. Va.  
A.B. (West Liberty State College)  
*Field of Specialization: Social Work*

Larry Douglas Tingley, Rockford  
B.S.Agr.  
*Field of Specialization: Social Work*

Phillis Kay Walls, Austin, Tex.  
B.A. (Huston-Tillotson College)  
*Field of Specialization: Social Work*

Elissa Shames Westman, Cincinnati  
B.A. (University of Illinois)  
*Field of Specialization: Social Work*

Elizabeth Torbert White,  
Seattle, Wash.  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Andrea Yvonne Matthews Whitehead,  
Cincinnati  
B.A. (Kentucky State College)  
*Field of Specialization: Social Work*

Barbara Jean Wood, Barberton  
B.A.  
*Field of Specialization: Social Work*

Nancy Ellen Youkilis, Cincinnati  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Richard P. Goldthwait

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Nineteen candidates

Constance Elaine Albrink, Columbus  
Jacqueline Anne Aikire, Columbus  
Elizabeth Ann Arnold,  
New Philadelphia  
Michael Timothy Detwiler, Columbus  
Virginia Ann Garwood, Columbus  
Lynn Cynthia Ginsburg, Skokie, Ill.  
Susan Kay Gottlieb, Zanesville  
Judith Elaine Green, Columbus  
Martin Earl Kaler, St. Paris  
Dale Warren Kistemaker, Columbus  
Karen Marie Lally, Columbus  
Barbara Ann Levine, Columbus  
Janet Elizabeth Macklin, Columbus  
Bette Sue McKown, Columbus  
Ruth Anna Otto, Ottawa  
David Edward Patrick, Columbus  
Katherine Marie Rotlie, Akron  
Jack Lawrence Skurvid, Medina  
Karol Ann Swanson, Dayton

### Bachelor of Fine Arts

Twenty-four candidates

<sup>1</sup> Dannie Pembroke Adkins,  
Kettlersville

Margie Anita Albert, West Liberty  
Curtis Munhall Benzle, Rocky River  
Paul Douglas Brehm, Columbus  
Ellen Carol Brown, Chevy Chase, Md.  
Sandra Jean Burt, Columbus  
William Ralph Bush, Jr., Columbus  
Wilma Ann Carroll, Plain City  
Deborah Ann Chilinski, Toledo  
Thomas Vincent Creelan,  
Cuyahoga Falls  
Carol Ann Crosby, Bellaire  
Patricia Annette Dugger, Beebe, Ark.  
Brenda Joyce Durrah, Cleveland  
Dennis Ray Farneth, Columbus  
James John Fiala, Cleveland  
Marilyn Mary Foote, Cleveland  
Lee Porter Garrett, Columbus  
Terry Ellen Gonzalez, Cincinnati  
Margaret Michele Good, Columbus  
Timothy William Gorman, Vermillion  
Abbe Fisher Goslee, North Royalton  
Helara Viveta Gulbis, Columbus  
Cynthia Lynne Hackman,  
Pittsburgh, Pa.  
Stephen Dallam Harness, Columbus  
Grace Ann Hatton, Novelty  
Robert Scott Hazlett, Columbus  
Ruth Elizabeth Holdstein,  
Shaker Heights  
Babette Lynn Jones, Marion  
Arlene Lee Kaplan,  
Fresh Meadows, N. Y.  
Mary Anne Knueven, Columbus  
Michael Maxwell Leavens, Columbus  
Mary Jane Makley, Columbus  
Gail Lynn Meese, Columbus  
Gail Ellen Meyer, Holliswood, N. Y.  
Robert John Neumann, Columbus  
Gerald Newhouse, Worthington  
Jean Caputo Peterson, Columbus  
Gregory Michael Pfarr, Loveland  
James Russell Pilbeam, Archbold  
B.A.R.T. Ed.  
Michael Morrison Rainwater, Medina  
Janice Elswick Rhue, Columbus  
Harvey Allen Rickert, Jr.,  
Youngstown  
Susan Carol Riley, Berea  
Janice Marie Rogers, Columbus  
Marilyn June Sadler, Coshocton  
Dianne Elaine Scholl, Greenville  
Beth Ann Setter, Orrville  
Edward Francis Shalala, Rocky River  
William Edward Shannon, Jr.,  
Youngstown  
Jennifer Jo Stoner, Greenville  
June Marie Wayton, Toledo  
Susan Chojnicki Weiss, Columbus

Barbara Lynn Wertheimer,  
Birmingham, Ala.  
Carrington A. Williams,  
Opa Locka, Fla.  
Jean Wisenbaugh, Berea

### Bachelor of Music

Fourteen candidates

Tana Faye Alexander, Canton  
Jeffrey Lynn Allen, Marion  
Donald Richard Becker, Columbus  
Thomas Clifford Behrens, Columbus  
Robert John Chappell, Jr.,  
North Olmsted  
Gail Davis, Cincinnati  
<sup>2</sup> John Jay Evans, Elida  
Lorna Poling Frank, Columbus  
Eileen Marie Gress, Trotwood  
Paula Elisabeth Kifner, Mansfield  
Ralph David Wagnitz, Hudson  
Timothy Eric Wickerham, Sylvania  
Henry Seeley Willard, Wellston  
Mary Harper Wooster, 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 pages  
**55 and 56**

### Bachelor of Science in Industrial Design

Fifteen candidates

David Franklin Ackerman, Columbus  
Michael Lewis Beam, Elida  
John David Bishop, Columbus  
Wendy Susan Clark, Columbus  
Michael Lee Goudy, Columbus  
Calvin Francis Hamrick, III,  
Columbus  
Ronald William Hanninen, Columbus  
Bruce Wayne Hyder, Spindale, N. C.

<sup>1</sup> Also Bachelor of Art Education,  
College of Education  
<sup>2</sup> Also Bachelor of Music Education,  
College of Education

Edward Ray Moore, Columbus  
Roger Frederick Myers, Columbus  
Roger Steve Pietrzyk, Chagrin Falls  
Phillip Gregg Reed, Caldwell  
Lora McWethy Stitzlein, Columbus  
Charles Dechant Trexler, Columbus  
Lonnie Arthur Whittington,  
North Olmsted

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Thirteen candidates

Donald George Bronn, Columbus  
William Steven Butterfield, Ada  
George Franklin Calloway, Jr.,  
Cincinnati  
Edward Stephen Chapman, Columbus  
Paul Alan Counts, Chillicothe  
Rebecca Jean Ferguson, Eaton  
Lynne Adair Hopkins, Columbus  
Richard Patrick Kerivan, Delta  
Robert Joseph Lawrence,  
Mamaroneck, N. Y.  
William Arthur McKibben,  
Youngstown  
James Michael Radecki, Toledo  
John Martin Vinings, Chillicothe  
Craig Ernest Young, Columbus

### Bachelor of Science

Two hundred and twenty-nine candidates

Thomas David Abernethy, Painesville  
Diane Marie Adams, Xenia  
Bruce Vickers Alden, Centerville  
David Ralph Alexander, Warren  
Thomas Craig Allmon, Carrollton  
Patricia Anne Althouse, Dayton  
Deanna Daniels Andras, Columbus  
Lawrence Eugene Arrington,  
Columbus  
Roger Gerald Aumann, Columbus  
Stephen Austin Barr, Columbus  
Arnold Harry Berger,  
Hicksville, N. Y.  
Ira David Berger, Brooklyn, N. Y.  
Carl Gary Berkowitz, Pittsburgh, Pa.  
George Julius Bielert, Chagrin Falls  
Robert Clayton Blake, II, Caldwell  
Elena Mihaela Boeriu, Columbus

Edward Tharp Bope, Somerset  
Richard John Brant, Parma  
Michael Gerard Brown, Dayton  
Michael Steven Brown, Columbus  
Marie Lynelle Burleson, Canton  
John Edward Buzzelli, Cleveland  
Angel Ramon Cadiz, Orient  
Raymond Lester Candage, Columbus  
Karen Irene Casenhiser, Akron  
Katherine Lynne Cech, Worthington  
James Edward Chalfin, Columbus  
John Arthur Cheek, Columbus  
Catherine Marie Chimo, Port Clinton  
Lynn C. Chrimer, Jr., Ashville  
John Brian Chubb, Columbus  
John Orazio Clemente, Troy, N. Y.  
William Edward Clutter, Mason  
James Paul Conde, Reedsville  
Michael Scott Connor, Columbus  
Timothy Daniel Conwell,  
Loveland, Colo.  
Enzo Cosentino, Canton  
William Douglas Crabb,  
Louisville, Ky.  
David Paul Craig, Cincinnati  
Joy Suzanne Craig, Canton  
Rebecca Agnes Creer, Salem  
John Mark Davenport, Port Clinton  
Stuart James Decker, Columbus  
Regina Margaret Derita,  
Greensburg, Pa.  
Mark Eli Deutchman, Akron  
Leibert E. Devine, Barnesville  
Barbara Jean Dixon, Englewood  
Bonnie Muzenic Dixon, Columbus  
Charles Randall Doan, Barnesville  
Dennis Richard Dotson, Cincinnati  
Frank Herbert Douce, Columbus  
Richard Walton Douce, Springfield  
Mary Ann Drum, Bryan  
Robert Lyn Duecaster, Poland  
James H. Dumas, Jr., Bedford  
Michael Herbert Erlich,  
Fairlawn, N. J.  
Robert Alan Esarey, Seven Hills  
James Edward Estepp, Columbus  
Stephen Bir Evans, Columbus  
William Eugene Evans, Jr.,  
Huntington, W. Va.  
Floyd Joseph Fantelli, Columbus  
John Baptist Ferlito, III, Euclid  
Jerauld Damian Ferritto, Grove City  
José Onelio Fleites, Ironton  
Jeffrey Wayne Foltz, Columbus  
Yvonne Kay Gardner, Fostoria  
William Arthur Garringer,  
South Vienna  
Joseph Anthony Geer, III, Columbus

Kenneth Mitchel George, Oregon  
Rita Renee Gerber, Westerville  
Linda Lee Gibson, Greenville  
Janet Faye Gick, West Chester  
Mark Scott Gilbert, Columbus  
Harriet Leola Glaser,  
Great Neck, N. Y.  
Gerald Neal Glickman, Youngstown  
Dean David Goldberg, Columbus  
Robert Donald Gottschalk, Hudson  
Leonard Greenwald, Bayside, N. Y.  
Kurt Douglas Gridley, Columbus  
Danny Claude Griffith, Columbus  
Paul Thomas Grimstad, Columbus  
Gregory Alan Haban, Columbus  
Richard Martin Haemmerle,  
Middletown  
Nagako Hanashiro,  
Ginowan City, Okinawa  
Gregory Allen Handwork, Mansfield  
Craig Kurt Harris, Bryan  
Ronald Anthony Havlice, Parma  
Paul Edward Heisel, Columbus  
Richard Lee Henning, Brilliant  
Leslie Ann Herman, Brecksville  
Paul Warren Hern, Columbus  
Kenneth Steven Hirsch,  
Cleveland Heights  
James Huet Hitchcock,  
Columbia Station  
Barbara Lynn Holderbaum,  
Cincinnati  
Robert Walter Holmes,  
Columbus Grove  
Jeffrey Lee House, Columbus  
Allen Louis Huneke, Eaton  
William Raymond Hunsaker,  
Kettering  
William Stuart Isenstein, Toledo  
Charles Virgil Jackson, Jr., Enon  
Jeff Louis Jay, Canton  
John Frank Jones, Dayton  
Christine Ann Jordan, Columbus  
Michael Joseph Joyce, Columbus  
Sandy Allen Kahn, Cleveland  
Robert Franklin Kepley, Columbus  
William John Kibbey, Columbus  
Donn William Kirschenbaum,  
Shaker Heights  
Robert Scott Knorr, Barrington, N. J.  
Robert Allen Korby, Burton  
Lawrence Paul Korecko, **Beachwood**  
Gary Donald Krueger, Rocky River  
Thomas Howard Kuhn, **Sandusky**  
Mary Catherine Kuhns, Hubbard  
Michael Alexander Laluk, Parma  
Gregory Bruce Lawther,  
North Ridgeville  
Judith Meador Lebio, Columbus

Harry Michael Lewis, Portsmouth  
 Barry Martin Liff, Bayside, N. Y.  
 Dana Ernest Limes, Columbus  
 David Eugene Lindsey, Kenton  
 Edward Erol Loftspring, Cincinnati  
 Marc Nelson Loundy, Warren  
 Dale Anderson Lundblad, Mentor  
 John Robert Lutz, St. Louis, Mo.  
 Ellen McDowell Lynch, Columbus  
 Gerald Francis Maginnity,  
 Westerville  
 David Lee Marhover, Louisville  
 Susan Deardorf Markey, Columbus  
 Glenn David Martino, Greenville  
 Kathryn Lamb Marvin, Columbus  
 Janet Lynn Maryanski,  
 Cuyahoga Falls  
 Joseph Martin Masternick, Girard  
 John Lewis Mauler, Jr., Bucyrus  
 Paul Wilson Maxim, Enon  
 John Albert McGuire, Columbus  
 LuAnn McKinney, Milford, N. J.  
 Christopher Allan Meacham,  
 Pleasant City  
 Joseph Arden Meacham, Pleasant City  
 Larry Bruce Mellick, Wellington  
 Bruce Lee Miller, Sugarcreek  
 Larry Steven Miller, Clyde  
 Linda Kathryn Miller, St. Paris  
 Eric David Moen, Columbus  
 Gary Thomas Moffet, Akron  
 Thomas Michael Moffitt, Dayton  
 Michael Anthony Mohr, Cleveland  
 Victor Stephen Moore, Findlay  
 Janet Kay Moser, Dover  
 Wendy Lee Murchison, Bronx, N. Y.  
 Robert Joseph Murphy, Auburn, N. Y.  
 David Lee Nelson, Columbus  
 Darrow Edward Neves, Columbus  
 Thomas Michael Neville, Springboro  
 Ernest Fred Obrock, East Cleveland  
 Marcia Ann Ornsby, Parma Heights  
 William Randolph Penland, Columbus  
 David Alfons Perdzock, Dayton  
 Robert Allen Peterson, Jr., Toledo  
 John David Petraitis, Akron  
 John Petty, Jr., Columbus  
 James Duncan Pirie, Columbus  
 Joseph Lewis Popp, Willowick  
 Thomas Jon Poulton, Columbus  
 Susan Lynn Powers, Brecksville  
 John Anthony Ragazzo, Niles  
 Michael Julius Resnick, Cleveland  
 Leonard Steven Rich,  
 New Philadelphia  
 Michael Anthony Richardson,  
 Strasburg  
 Victor John Ricker, Fort Jennings  
 Jerold James Rogat, Akron

Ronald Craig Ross, Columbus Grove  
 Eric Baird Roth, Aurora  
 Daniel Sanders, Lyndhurst  
 Kenneth John Sandvoss, Lima  
 Betty Jo Schiller, Petersburg, Va.  
 Denley Jay Schlegel, Columbus  
 James Lee Schram, Ottawa  
 Michael Alan Schuler, Columbus  
 Eric Robert Schulz, Columbus  
 Bruce Roger Searles, Delaware  
 Ira Lee Shapira, Columbus  
 Timothy John Sharp, Parma  
 Richard Eugene Simon, Parma  
 Lawrence Peter Sirinek,  
 Pittsburgh, Pa.  
 David Jon Sirkoski, Columbus  
 Craig William Sloboda,  
 Cedar Grove, N. J.  
 Veronica Martita Slominski,  
 Willoughby  
 Dale Bryan Smith, Findlay  
 Steven Jeffrey Smith, Akron  
 Vincent Robert Smith,  
 Columbia Station  
 Vernon Douglas Sommer, Minster  
 Diana Joyce Spencer, Newark  
 Barbara Ann Kish Stager, Columbus  
 Terry Eugene Stocker, Columbus  
 Allen Michael Stojkovic, Venice, Calif.  
 Steven Alan Strauss, Oceanside, N. Y.  
 Robert Daniel Strung, Westlake  
 Eric Robert Taylor, Cincinnati  
 Floyd Trillis, Jr., Pittsburgh, Pa.  
 Diane Trubov, Columbus  
 Lawrence Lee Uzzel, West Jefferson  
 Margaret Sue VanWinkle,  
 Martinsburg  
 Paul Theodore Verona,  
 North Bergen, N. J.  
 Dennis Alan Vidmar,  
 Cleveland Heights  
 Douglas Gregory Wade,  
 Little Silver, N. J.  
 Janice Marlene Waggoner,  
 Wintersville  
 Shirley Jean Wagner, Navarre  
 Jeffrey Lee Walker, Sandusky  
 Robert Allen Walker, East Liverpool  
 Robert John Walter, Parma  
 Marvin Lee Wanner, Wauseon  
 Ronald Escome Ward, Circleville  
 William Albert Wasko, Youngstown  
 Edwin Clark Weatherington, Columbus  
 David Herman Weed, Columbus  
 Carl Sylvester Wehri, Cloverdale  
 James Thomas Welding, Hudson  
 Robert Edmund Wenzke, Dayton  
 Michael T. Westendorf, Dayton  
 Charles Edgar Wheeler, Caldwell

Herman Edward White, Columbus  
 George Patrick Whitmer, Columbus  
 Kathleen Ruth Wilson, Columbus  
 Richard Jules Wittebort, Kettering  
 Murray Mike Wolfe, Akron  
 David Wynsen, Columbus  
 George Edward Zito, Wadsworth  
 Alan William Zulich, Euclid

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

One hundred and ninety-nine candidates

Vicki Anne Adams, Columbus  
 Linda Ellen Adler, Snyder, N. Y.  
 Robert James Alberini, Columbus  
 Thomas Christopher Amorose, Dublin  
 Donald Gordon Ardrey, Columbus  
 Aaron Richard Assael, Syosset, N. Y.  
 Barbara Frances Axelrod,  
 White Plains, N. Y.  
 Robert Edward Baird,  
 Broadview Heights  
 Michael Joel Ballen, Columbus  
 Kathleen Mary Bannon,  
 Peekskill, N. Y.  
 Susan Leslie Barney, Rocky River  
 Jonathan Arthur Basten,  
 LaGrange, Ill.  
 Charlotte Ann Beck, North Olmsted  
 Robert Edward Becker, Dayton  
 Daniel Lawrence Beierle, Cincinnati  
 Gertrud Bietz, Tiffin  
 Julie Ann Yvonne Bingham, Columbus  
 Harold Harvey Blair, Cuyahoga Falls  
 Bruce Edward Booher, Columbus  
 Timothy Todd Brechbill, Canton  
 Roger William Burrows, Columbus  
 Neil Thomas Butcher, Cincinnati  
 Mark William Catalano, Norwalk  
 Jeffrey Scott Christopher, Columbus  
 Christopher Thomas Cline, Grove City  
 Cameron Coe, Columbus  
 Ernest Wayne Cohen, Cleveland  
 Sandra Baldwin Couason,  
 Columbus  
 Joseph Arthur Coyne,  
 West Nyack, N. Y.

\* Also Bachelor of Science in Education,  
 College of Education

Ruth Knight Dalezman, Columbus  
 Frank Buckingham Dean, Columbus  
 Michael Anthony DiMaio,  
 Richmond Heights  
 Ann Louise Dracup, Columbus  
 Dennis Allen Drazin, Rumson, N. J.  
 Victor Dubina, Elyria  
 Leigh Nicholson Duche, Columbus  
 Christine Evelyn Dufala, Columbus  
 Alexander George Duncan, III,  
 Columbus  
 Kathryn Elizabeth Eckhart,  
 Cincinnati  
 Charles Marc Edelsberg,  
 Shaker Heights  
 Roger Lloyd Esterwood,  
 Chippewa Lake  
 Elizabeth Bryan Farquhar, Bexley  
 Mark Robert Farrell, Columbus  
 David Jonathan Feinstein, Columbus  
 Gail Ellen Fisher, New Vienna  
 Kevin Lawrence Flannery, Euclid  
 Deborah Diane Fleming, Columbus  
 Diane Marian Foran, Newark  
 Gregory Allen Francis, Hamilton  
 Pamela Lynn Freese,  
 Parkersburg, W. Va.  
 Bradley Nathaniel Frick, Columbus  
 Robert Joseph Gale, Columbus  
 Kathleen Regina Giannini,  
 Monessen, Pa.  
 Jeffrey Allan Gifford, Columbus  
 Sara Maria Goldstaub, Lakewood  
 Spiros Emanuel Gonakis, Euclid  
 Mark Ellis Goodman, Cleveland  
 Parry Frederick Goodman,  
 Winnetka, Ill.  
 Carey Nathaniel Gordon, Cleveland  
 Melvin Douglas Gossman, Hilliard  
 Gretchen Green, Columbus  
 Richard Allen Green, Columbus  
 Joel Alan Greenberg, Margate, N. J.  
 Henry Alan Gutter, Columbus  
 Thomas Gregory Haas, Canton  
 Christine Bair Hainline, Covina, Calif.  
 Richard Mark Handler, Columbus  
 Barbara Ann Harper, Cincinnati  
 Judith Miriam Harris, Cincinnati  
 David Malcolm Hassler, Portsmouth  
 Diane Cary Haver, Plymouth  
 Mary Jane Bobbitt Heros,  
 Lockbourne A.F.B.  
 Philip Simon Hiser, Reynoldsburg  
 Richard Faull Hope, Oberlin  
 Stephen Randall Hopkins, Hubbard  
 Jacqueline Lee Howlett, Berea  
 Susan Stephens Hsu, Columbus  
 Ralph Bradley Hudepohl, Cincinnati  
 Hugh Hilary Hughes, Lima  
 Michael J. Hutchinson, Columbus  
 John Richard Ingrisano,  
 Massapequa, N. Y.  
 Jacque Denise Jenkins, Columbus  
 Maurya Walsh Johnson, Columbus  
 Thomas Francis Johnson,  
 Worthington  
 Larry Ward Johnston, Coshocton  
 Bruce Lonnard Jones,  
 Prairie View, Tex.  
 Laura Ann Jones, Chardon  
 Ronald Lee Jones, Columbus  
 Terence Gray Jones, Maumee  
 Daniel Joseph Julius,  
 Great Neck, N. Y.  
 Gabriel Nicholas Katona, Hicksville  
 Donna Elaine Keller, Tiffin  
 Deborah Ann Kemper, Cincinnati  
 John Leonard Kijinski, Columbus  
 Russell Byron Kinner, Madeira  
 Keith Eugene Klaus, Venedocia  
 Philip Michael Klein, Yonkers, N. Y.  
 Archie Robert Lauer, Columbus  
 Garry Robert Leed, Columbus  
 Dan Howard Lewellen, Columbus  
 David Irving Morris Linick, Columbus  
 Paul Kieran Loftus, Pittsburgh, Pa.  
 Neil Walter Lorensen,  
 Watertown, Conn.  
 Kathleen Ann Loucks, Grove City  
 William Herbert Loudon, Columbus  
 Rena Lundstrom, Columbus  
 Robert Thomas Lutz, Columbus  
 Steven Randall Lytle, Columbus  
 Lawrence Mark Malman, Cincinnati  
 Charles F. Manning, Jr., Columbus  
 Pamela Bernice Marshall, Dayton  
 George John Matthey, Steubenville  
 Heather Lynn McConnell, Troy  
 Deborah Lee McDowell, Pickerington  
 Donald Ledford McElwee, Dayton  
 Myricks Edward McGee, Toledo  
 Nancy Spittler McKay, Marysville  
 Mary Evelyn McKee, Springboro  
 Mary Garrett Meechenbier, Columbus  
 Nancy Ann Medhurst, Worthington  
 David Edward Migliore, Worthington  
 Richard Michael Millard, Whitehall  
 Keith Patrick Mitchell, Dayton  
 James Douglass Moore, Columbus  
 Antonia Maureen Moras, Columbus  
 George Richard Morris, Jr., Columbus  
 Alice Neiswander, Ada  
 James Alan Norris, Columbus  
 Loren Robert Olds, Lima  
 Gretchen Louise Ortman, Cleveland  
 Susan Marie Palma, Clark, N. J.  
 Ronald Robert Paoletti, Toledo  
 Jan Marie Paquette, Toledo  
 William Douglas Patton, Xenia  
 Thomas Malcolm Pendergast,  
 Gahanna  
 Harold Alvin Peterman, Wooster  
 Marilyn Jean Peyton, Middletown  
 Raleigh Alexander Phillips, Lakewood  
 Mark Owen Poling, Lancaster  
 Stephen Lee Prout, Columbus  
 John Patrick Quinn, Jr., Akron  
 Daniel William Rapp, Ironton  
 Harry Louis Rees, Woodsfield  
 Gail Michele Rendar, Columbus  
 Lauren Stefanie Rich, Brooklyn, N. Y.  
 Jay Robert Roseman, Shaker Heights  
 Marc Jeffrey Rosen, Cincinnati  
 Jerome Howard Rosenberg,  
 Cleveland  
 Peter John Rosich, Berea  
 Yvonne Wilhelmine Rosmarin,  
 Columbus  
 Richard Edward Sabatine,  
 Youngstown  
 Dennis Paul Salerno, Niles  
 Christine Neubauer Sampsell,  
 Westlake  
 Janet Wagner Sandor, Mansfield  
 Patricia Anne Sarb, Barberton  
 Colette Pratt Schaepfer, Columbus  
 Carol Emmert Schorpp, Columbus  
 Rochelle Rae Schwartzberg,  
 Creve Coeur, Mo.  
 William Curtis Severns, Cambridge  
 William Allen Shaffer, Euclid  
 Robert William Sheraw, Jr., Lima  
 Ann Wilda Showman, Columbus  
 Robert Douglas Shumaker, Newark  
 Susan Shuttleworth Shumaker,  
 Pittsburgh, Pa.  
 Robert Morris Singleton, Columbus  
 Michael Skolnick, Cincinnati  
 Dennis Lee Slabaugh,  
 New Philadelphia  
 Claire Paulette Smith, Columbus  
 Spiros George Spantithos, Columbus  
 Kathryn Ryan Stafford, Akron  
 Philip Constantine Stanger,  
 Worthington  
 Mark Alan Stiffler, Parma  
 Keith Alan Stober, Columbus  
 Petar Stojsavljevic, Parma  
 Patrick Douglas Swann, Gates Mills  
 John Stanley Swanson, Columbus  
 Ina Rowena Swisher, Newark  
 Mark Alan Swisher, Bucyrus  
 Jacquelyn Pally Tait, Youngstown  
 Randy Edward Tekely, Ravenna

\* Also Bachelor of Science in Education,  
 College of Education

Linda Jean Thomas, Westbury, N. Y.  
 Vivian Wray Thornton, Columbus  
 Annette Tokles, Sylvania  
 Joseph Thomas Tolliver, Akron  
 Christina Toscani, Dayton  
 Michael David Trudeau, Columbus  
 William Peery Turner, Thompson  
 Renate Langwald Voris, Columbus  
 Robert Harvey Vorlicky, Bedford  
 Marilyn Lisle Welker, Columbus  
 Lester Eugene Wells, Jr., Columbus  
 John Graham White, Marion  
 John Thomas White, Columbus  
 David Gerald Winston, Oak Park, Ill.  
 Elinor Mary Wiseman, Columbus  
 Jun Teong Woo, Columbus  
 Merle Eugene Yeager, Alliance  
 Sharon Eileen Youtz, Urbana  
 Judith Ann Zimmer, Zanesville

## College of Mathematics and Physical Sciences

Acting Dean: Richard P. Goldthwaite

### Bachelor of Arts

Ten candidates

Joan Lee Beggs, Lima  
 Charles Robert Biro, Columbus  
 Joseph Anthony Damico, Chillicothe  
 \*Fred Michael Discenzo, Cleveland  
 Theresa Maria Frank, Defiance  
 Steven Simms Holsclaw, Mansfield  
 Nicholas Ray McCoy, Columbus  
 Laverne L. Miller, Hicksville  
 Steven E. Zartman, Springfield  
 William George Zinn, Columbus

### Bachelor of Science

Ninety-six candidates

Glen Allen Archinal, Mineral City  
 Lawrence Anthony Bacchi,  
 Massapequa, N. Y.  
 Stanley John Basules, Jr.,  
 Commack, N. Y.  
 Deborah Dunphy Bayer, Westerville  
 Thomas Irvn Blackburn, Columbus  
 Alexander Louis Bloom, Toledo  
 Robert Allen Boone, Columbus  
 Edward Ellis Booth, Columbus  
 James Gilbert Bush, Gallipolis  
 Camille Maurer Chalfin, Columbus

Youwoo Chan, Columbus  
 Dorothy Ann Cichra, Cleveland  
 Jeffrey Warren Clouse, Columbus  
 Paul Thomas Corrigan, Jr.,  
 New York, N. Y.  
 William Russell Cowin, Warren  
 Janet Elizabeth Davis, North Canton  
 Edward George Drahos, Avon  
 Frank Nicholas Drobot, Columbus  
 Kitty Lee Durant, Reynoldsburg  
 Sanford Barry Fain, Lorain  
 Dennis James Farr, Mentor  
 Theodore Walter Ford,  
 Fairview Park  
 Craig Allan Friedli, Mt. Vernon  
 Stephen Foster Garner, Germantown  
 John Richard Girman, Hinckley  
 Ronald Porter Good, Marietta  
 William John Greenlee, Columbus  
 Dale Robert Greer, Columbus  
 Thomas Lee Grieshop, Columbus  
 William Howard Grossman, Columbus  
 Richard Irwin Haller, Columbus  
 Gary Ray Harmon, Rootstown  
 Lonny Weslee Harrison, Columbus  
 Larry Ross Hayes, Columbus  
 Keith Lewis Hegedus, Bethlehem, Pa.  
 Robert Michael Helmer, Columbus  
 James Michael Hermann, Toledo  
 Linda Seghers Hoffman, Columbus  
 Robert Quentin Johnson,  
 Oceanside, N. Y.  
 Stuart Harold Kerzner,  
 Jersey City, N. J.  
 Robert Lee Kinghorn, Rocky River  
 Dale James Kruse, Parma  
 Michael Gilbert Lattavo, Cincinnati  
 Michael Jeffrey Linden, Beachwood  
 James Peter Long, Columbus  
 Laura Lynn Luedemann, Worthington  
 Gary Alan Lund, Takoma Park, Md.  
 Gregory Allen Mack, Defiance  
 Kathleen Maginnity, Columbus  
 Allan Israel Marcus, Shaker Heights  
 Lawrence Alan McFadden, Columbus  
 Jon Sherrod McInnis, Columbus  
 Susan Kathleen McLaurine,  
 Reynoldsburg  
 Thomas Paul Messmore, Columbus  
 Dennis Alton Moritz, Walbridge  
 Armand Vanuxem Morris,  
 Naturita, Colo.  
 Allan Joseph Myers, Marion  
 Amy Elizabeth O'Neal, Franklin  
 Gary Lee Orr, Columbus  
 Carl Michael Philabaum,  
 West Lafayette  
 Richard Alan Pitzer, Springfield  
 Alex Pokas, Bellaire

Catherine Randall, St. Albans, W. Va.  
 James Peter Ricciardi, Hillsdale, N. J.  
 Robert Emmett Riordan, Columbus  
 Gail McCure Rusch, Columbus  
 Annamaria Saggio, North Olmsted  
 Edward Charles Salo, Ashtabula  
 Jeffrey Brian Sampsell, Westlake  
 Stephen Douglas Sato, Columbus  
 Mary Louise Schmidt, Columbus  
 Paulette Patricia Schmidt,  
 Mt. Horeb, Wis.

Terry Rue Schultz, Falconer, N. Y.  
 Uwe Karl-Heinz Seeler, Columbus  
 Nelson Ross Shaffer, Columbus  
 Robert Eugene Shroy, Findlay  
 Ruth Elaine Smilan, Lima  
 Barbara Jo Smith, Springfield  
 Donald Leon Stuber, Amherst  
 John Stanley Supance, Willowick  
 Henry Albert Termeer, III, Dublin  
 David Allen Thompson, Reynoldsburg  
 William Robert Toft, Cincinnati  
 Jack Newton Tuller, Columbus  
 Robert Curtis Turner, Maumee  
 Dale Jay Van Harlingen, Kettering  
 Randall John Varga,  
 East Paterson, N. J.  
 Robert Thomas Vargo, Toledo  
 Daniel George Velt, Bellaire  
 Doyle Robin Watts, Brookville  
 Byron Lee Weigler, Lexington  
 Arnold Burt Weinrib, Columbus  
 Henry Mark Weiss,  
 Poughkeepsie, N. Y.  
 John Timothy Wilson, Beverly  
 Jeffrey Earl Young, Columbus  
 Richard Allen Yuresko, Barberton

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

Three hundred and seventy-two candidates

Joel Steven Abrams, Beachwood  
 Janet Beer Adams, Columbus  
 Michael Marc Agin, Cleveland  
 Thomas Michael Aldrich, Trotwood  
 Bradley Drake Allen, Waterville  
 Robert Steven Allen, Portsmouth  
 Yaser Ahmad Altabbaa,  
 Beirut, Lebanon

\* Also Bachelor of Science in Education,  
 College of Education

McDonald E. Anderson,  
 Monrovia, Liberia  
 Raymond Edward Armbruster,  
 Columbus  
 Lee Badger, Columbus  
 Harry Stuart Ball, Columbus  
 John Thomas Barga, Troy  
 John Douglas Barkeloo, Columbus  
 Alison Holbrook Barnes,  
 Westfield, N. J.  
 Bruce Edward Bayman, Tipp City  
 Daniel Michael Beal, Brecksville  
 Lawrence Edgar Bechler,  
 Glendale, Wis.  
 Marshall Alfred Bell, Columbus  
 B.S.  
 Edmond Robert Benedict, Cleveland  
 Barry Irvin Benjamin, Cincinnati  
 Jeffrey Lewis Benson, Painesville  
 Susan Ray Benson, Miami, Fla.  
 Richard Dennis Benvenuto,  
 Franklin, Pa.  
 Brent Lambert Beveridge, Columbus  
 Ellen Marie Bigler, Columbia Station  
 Judith T. Bigley, Cincinnati  
 Susan Robin Birnbaum,  
 New York, N. Y.  
 Gary Floyd Blemaster, Bedford  
 Karen Diane Boltz, Newark  
 Christina Margit Amanda Borchers,  
 Columbus  
 Erik Robert Borchers, Columbus  
 Thomas Joseph Borgering, Columbus  
 Jacques Lowell Bossert, II,  
 Worthington  
 Philip William Boyko, Cleveland  
 Sara Marie Briscoe, Columbus  
 Howard Lawrence Brondfield,  
 Mayfield Heights  
 Jeffrey Stuart Brown, Dayton  
 John Earl Brown, Gallipolis  
 Michael Lee Brucato, Ashland  
 Patricia Baade Bryant, Columbus  
 John Mormon Burden, Lima  
 Jack Edward Byers, Seven Hills  
 Pamela Orr Cade, Columbus  
 †Suzanne Hayden Cameron, Columbus  
 Patricia Anne Carpenter, Columbus  
 Camille Irene Carroll, Chillicothe  
 Linda Lee Carroll, Columbus  
 Dennis Dominic Cech, Cleveland  
 Troy Douglas Christopher, Columbus  
 Joellen Heatherton Chuha, Columbus  
 David Timothy Clark, Cincinnati  
 Karen Grace Close, Toledo  
 Mary Catherine Clucus, Columbus  
 Ronald Paul Coakley, Columbus  
 Robin Elizabeth Cobbey,  
 Timonium, Md.  
 Frank B. Coffman, Columbus  
 Robert James Colburn, Clyde, N. Y.  
 Steven Roger Cole, Cincinnati  
 Brooks Davis Conn, Shaker Heights  
 Thomas James Conrad, Worthington  
 Terrence Charles Corkerton,  
 Columbus  
 David Ross Cornish, Xenia  
 Vivian Lea Coulter, Hamilton  
 James Timothy Coyle, North Canton  
 B.S.  
 Roger Dwayne Crabbe, Springfield  
 Darryl Arthur Daniels, Reynoldsburg  
 Charles Henry Dankworth, Bellaire  
 Kathleen Ford Dean,  
 Canal Winchester  
 Florence Gordon DeFrancesco,  
 Columbus  
 Robert Charles Deis, Dayton  
 Richard Lloyd Deitz, Monroeville  
 Margaret Jean Denious, Clinton  
 Carmen Anthony DePaulo, Northfield  
 John Robert DeSimone,  
 West Newton, Mass.  
 Glenn Alexander Dickey, Columbus  
 Stefany Ava Dobken,  
 Ridgefield Park, N. J.  
 Bernard Donanberg, Columbus  
 William Armstead Douglass, Jr.,  
 Columbus  
 Rufus Shirley Dowe, Roanoke, Va.  
 Daniel Joseph Drake, Columbus  
 Duane Alton Dukes, Findlay  
 Darrel Howard Dupuis, Wilmington  
 Daniel Carl Dussel, Maumee  
 Russell Rowe Dynes, Columbus  
 Douglas Edward Ebert, Cardington  
 Jessie Mae Laverne Edwards, Oberlin  
 Ronald Valor Engle, Columbus  
 James Alexander Esson, Canfield  
 David James Fallang, Dayton  
 Steve Farkas, South Euclid  
 Gary Thomas Fazio, Rome, N. Y.  
 Harin Ocas Feibish, Woodmere, N. Y.  
 Joel Robert Ferris,  
 New Rochelle, N. Y.  
 Kyle LaVern Feusner, Columbus  
 Terrance Anderson Filter,  
 Brooklyn, Mich.  
 William Dudley Finley, Cambridge  
 Mark Cameron Finnell,  
 Trenton, Mich.  
 Linda Taylor Fleischhauer, Columbus  
 †Barbara Ayers Ford, Mt. Vernon  
 James Edward Fox, Jr., Columbus  
 Gerald Henry Franks,  
 Clark's Summit, Pa.  
 Deborah Lou Fredericks, Grove City  
 Janice Marie Frey, Buffalo, N. Y.  
 Jan Leslie Friedman,  
 Valley Stream, N. Y.  
 Gregory Allen Fuhrer, Columbus  
 Steven Richard Galassini, Cincinnati  
 Ray Armand Gallucci, Jr., Cleveland  
 William Louis Gardner, Columbus  
 John Jay Garrison, Mansfield  
 Francine Ruth Geisler, Toledo  
 Kathryn Ann George, Cleveland  
 Alan Bruce Gest, Bronxville, N. Y.  
 Daniel Stephen Gibbons, Clark, N. J.  
 Danny Duane Givens, Louisville  
 Steven Douglas Gladman, St. Paris  
 Mark Paul Glassman, South Euclid  
 Gary Stuart Glazer,  
 University Heights  
 Sandra Jo Gohmann, Columbus  
 Kenneth Allen Goldstein,  
 Shaker Heights  
 Robert Dean Gomer, Wauseon  
 Sondra K. Gorby, Columbus  
 Daniel Louis Green, Youngstown  
 Deborah Lynn Green,  
 South Charlestown, W. Va.  
 †Elizabeth Marie Grigonis, Euclid  
 Irene Groom Groff, Columbus  
 John Thurman Gruenbaum,  
 Marysville  
 William Arthur Grundemann,  
 Cincinnati  
 Kathryn Ann Guley, Harrison  
 Marilyn Wilson Gump, Columbus  
 Ronald Anthony Guzzo, Columbus  
 Ronald Lee Hadley, Columbus  
 †Lubomira Hadzima, Euclid  
 Sherry Halpern, Paterson, N. J.  
 David Wayne Hardin, Mason  
 Edward Luther Harp, Columbus  
 George Henry Harper, Columbus  
 Richard Howe Hart, Jr., Akron  
 Larry Lee Hartwig, Columbus  
 Charles Joseph Henry, Galion  
 Ellen Hepner, Haddonfield, N. J.  
 Alison Bedford Herman, Columbus  
 Glen Alan Herman, Lima  
 Charles Maurice Hillier, Chicago, Ill.  
 David Charles Hipp, Columbus  
 Suzanne Marie Hochstraser,  
 Washington, D. C.  
 William Clay Hofstetter, Chardon  
 Neil Allen Honsberger, Olmsted Falls  
 Zsuzsanna Farkas Hooker, Columbus  
 Carolyn Elizabeth Hoppes, Parma  
 Charlene Ann Hosenfeld,  
 Martin's Ferry  
 † Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry

Thomas Leland Hummer, Batavia  
 Kathryn Ayres Hynes,  
 Moorestown, N. J.  
 Philip John Incarnato, Columbus  
 Ronald Eugene Jones, Columbus  
 Ronald M. Jupiter, Maplewood, N. J.  
 Marc Stanley Kadetz, Cincinnati  
 Roger Price Kadis, Columbus  
 Verna Anne Kalinski, Columbus  
 \*Karen Susan Kallman, Columbus  
 James Richard Kanak, Dayton  
 Stuart Harvey Kaplow,  
 University Heights  
 George Oliver Karasievich,  
 Cincinnati  
 Robert Allan Katz,  
 North White Plains, N. Y.  
 Stephen Ira Katz, Cleveland Heights  
 Gartrell Ray Kelley, Cincinnati  
 Victoria Ann Kelly, Cincinnati  
 Jane Susan Kelsey, Trenton, N. J.  
 William Albert Kersmarki, Columbus  
 Diane Joyce Kessler, Columbus  
 Mauria Carlyle Kirkpatrick,  
 Columbus  
 Gail Ann Kirschenbaum,  
 Shaker Heights  
 Lisa Hope Kleckner,  
 Highland Park, Ill.  
 Michael Stuart Kling, Dayton  
 Ann Neuser Kozlowski, Columbus  
 Rieky Blair Kramer, Toronto  
 Jane Krickenbarger, Arcanum  
 Douglas Richard Kutner,  
 Merrick, N. Y.  
 Emil John Kunzi, Columbus  
 Jeanne Lai, Bayside, N. Y.  
 Donald Eugene Lane, Enon  
 Gene David Lasky, Kenosha, Wis.  
 Thomas Patrick Lavelle, Columbus  
 Neil Ross Lebovitz,  
 University Heights  
 Charles Russel Lee, West Chester  
 Marilyn Elizabeth Lee, Cleveland  
 Robert Field Leggett, Portsmouth  
 Craig Leon Lemley, South Point  
 Usher Lloyd Levering, Fredericktown  
 Sherrill R. Levy, Lyndhurst  
 †Betty Lee Lewis, Cincinnati  
 Melba Louise Leyshon, Columbus  
 Stephen Scott Lindsay, Columbus  
 Salvatore William Liotta,  
 Brentwood, N. Y.  
 Thomas Michael Lisak, Mt. Vernon  
 †Catherine Ambrozic Llewellyn,  
 Lorain  
 Richard Vincent Lobalzo, Akron  
 Norman Lobell, Jr., Columbus

Dianne A. Long, North Olmsted  
 Trudy Lynn Lossman, Fairview  
 Gregory George Love, Cleveland  
 John Robert Lowther, Ashtabula  
 Susan Louise Lubman, Beachwood  
 Julianne Luntz, Youngstown  
 Robert Benton MacDonald, Jr.,  
 Russells Point  
 Janis Lynn Maechler, Warren  
 Carol Mahaffey, Columbus  
 Howard Malovany, Columbus  
 Nicholas Anthony Mamais, Parma  
 Edward Ira Mandel, Warren  
 †Susan Louise Mandel,  
 Cleveland Heights  
 Mark Gayland Mangie, Youngstown  
 John Arthur Marggraf, Bucyrus  
 Nancy Ann Maronna, Merrick, N. Y.  
 Barbara Lou Marple, Cincinnati  
 †Maureen Marquard, Cleveland  
 †Jean Elizabeth Marshall, Kettering  
 Jennifer Lee Martin, Columbus  
 Richard Thomas Martin, Cumberland  
 William Bruce Martin, Danville  
 Alison Mascalco, Southington, Conn.  
 James Everett Mathias, Columbus  
 Susan Lee McBride, Findlay  
 David Charles McCarthy, Hudson  
 Barbara Louise McCaw, Columbus  
 Steven Arthur McClaren, Columbus  
 Paul Scott McElroy, Cloumbus  
 Herbert George McGrath, Burghill  
 James Julian McKay,  
 Needham, Mass.  
 James Scott McKeever, Jr., Columbus  
 Roy Richard McKenna,  
 Ann Arbor, Mich.  
 Ronald Kent McLearn, Columbus  
 Robert Bruce McLoughlin, Columbus  
 William Raymond McLoughlin,  
 Columbus  
 Mary Louise Mellett, Columbus  
 Robert Arthur Menell,  
 New Rochelle, N. Y.  
 Susan Lynn Metzmaier, Columbus  
 Carl John Meyer, Leipsic  
 Anne Lynn Meyers, Utica, N. Y.  
 Gail Hamilton Middy, Columbus  
 Jeffrey Owen Miller, Columbus  
 Jennifer Stealey Miller, Columbus  
 Philip Irwin Miller, South Euclid  
 Erica Teri Moltz, Chicago, Ill.  
 Robert Jon Momberger, Columbus  
 Bruce Edward Moon, Columbus  
 Robert Edward Moore, Columbus  
 Henry Thomas Morris, Columbus  
 Earl Elkins Murton, Columbus  
 Raymond John Mussio, Columbus

Marsha Thomas Nargiso,  
 Danbury, Conn.  
 Dennis Eugene Nead, Cincinnati  
 Howard Bruce Neu, Bronx, N. Y.  
 †David Max Neubauer, Columbus  
 Harry Eugene Nixon, Columbus  
 Michael Quinn Noble, Columbus  
 John Eric Nolt, Massillon  
 Robert Alan Nygren, Columbus  
 Susan Mary Nyman, Shaker Heights  
 Gary William Osborne, Columbus  
 Carolyn Louise Partridge, Columbus  
 Dennis James Patthoff, Delphos  
 Meleesa Anne Pernaveau, Columbus  
 Douglas Lynn Perras, Oregon  
 Eric Clifford Peterson, Wadsworth  
 David Paul Phillips, Columbus  
 Betsy Plotle, Morgantown, W. Va.  
 Sharon Lynn Pocock, Cleveland  
 Randy Cecil Poling, Amanda  
 Michael C. Porterfield, Columbus  
 David Lee Pota, Lakewood  
 John Edward Potter, Columbus  
 James Rival Pugh, III,  
 Providence, R. I.  
 Christina Suzanne Pursch,  
 Hershey, Pa.  
 Clement Wayne Pyles, Eyesville  
 D. Darwin Ralston, Columbus  
 Mark Stanley Rea, Avon Lake  
 Edmund Charles Reiling, Kettering  
 Richard Alan Reiner, Butler, N. J.  
 George Kirby Richards, Columbus  
 Pamela Vale Roberts, Carroll  
 Patrick Allen Roberts, Mt. Vernon  
 John Michael Rockwell, Columbus  
 Donald Theodore Rogers, Columbus  
 Joseph Robert Roscoe, Niles  
 Harry Jay Rosenbaum, Wooster  
 Keith Herbert Rosenstock,  
 Pittsburgh, Pa.  
 Rochelle Leslie Rosenthal, Beachwood  
 Brian Steven Rudolph,  
 Philadelphia, Pa.  
 Donald James Ryan, Martinsburg  
 Harvey Peter Sackett,  
 Sunnyside, N. Y.  
 James Stephen Sales, Cincinnati  
 Larry Grant Samson, Columbus  
 Robert James Sapanaro,  
 Mayfield Heights  
 Michael Nicholas Sarle, Lindsey  
 Rebecca Lee Saunders, Gallipolis  
 Richard Alan Scarci, Cleveland  
 Richard Paul Schachtel, Wilmette, Ill.

\* Also Bachelor of Science in Education,  
 College of Education  
 † Also Certificate of Graduate Dental Hygienist  
 College of Dentistry

Robert Eugene Schaub, Mansfield  
 Thomas Wilbert Schmid, Westlake  
 Jody Lee Schreiber,  
   Williamsville, N. Y.  
 Beth Melinda Schumaker, Canton  
 Jeanne Ann Schuman, Colonia, N. J.  
 John Albert Schuppenhauer,  
   Shortsville, N. Y.  
 Larry Warren Schuster,  
   North Royalton  
 Phyllis Rae Schwartz, Warren  
 Karl Mason Schwenkel, Lakewood  
 Daniel Carl Scott, Columbus  
 Willis Otto Serr, II, Columbus  
 Horace Michael Sewell, Columbus  
 Daniel J. Shapiro, Brooklyn  
 James Michael Sheehan, Columbus  
 James Scott Sheehan, Columbus  
 William James Shire, Cuyahoga Falls  
 William Edgar Shropshire, Jr.,  
   Columbus  
 Diane Mary Siekierski, Maple Heights  
 Steven Edward Sigalow, Akron  
 Susan Helene Silverman, Akron  
 Richard Paul Skinner, Columbus  
 Ben Irving Sloan, Cleveland  
 Bradley Clark Smith, Columbus  
 Brian David Smith, Ironton  
 Mark Steven Smith, Cincinnati  
 †Pamela Jean Smith, Monroeville  
 Paul William Smith, Columbus  
 Robert Michael Smith, Lynchburg  
 Ronald Allen Smith, Columbus  
 Harlan Joel Smolin, Skokie, Ill.  
 Stephen Leslie Soble, Columbus  
 Pamela Kay Spaulding,  
   North Vernon, Ind.  
 Catherine Lynn Spencer, Columbus  
 Mason Lewis Srole, Silver Spring, Md.  
 Laura Sybilla Stanhope, Chillicothe  
 Richard Nicholas Steinmetz,  
   Columbus  
 James Frederick Stevenson,  
   Lewistown  
 Gary Richard Stobel, Columbus  
 Pamela Claire Stoll, Sandusky  
 John Donald Stone, Jr., Columbus  
 Nancy Ellen Stone, Shaker Heights  
 Terrence Lee Storrle, Canton  
 Dennis Michael Sweet, Dayton  
 Timothy James Taber, Columbus  
 Gary Raymond Taylor, Euclid  
 Ken Herbert Tecklenburg, Cincinnati  
 Frank Anthony Tedesco, Lakewood  
 Lawrence Edward Thurman, Alliance  
 Ralph Sheldon Tyler, Cleveland  
 Ronald Dale Upham, Dayton  
 Paul Frederick Valles, Columbus  
 Justin Vana, Cleveland Heights

Roger Ace VanCamp, Columbus  
 Garwin Paul Velie, Cleveland Heights  
 Timothy Lee Vogel, Columbus  
 Adam Warren, Jr., Warrensville  
 John Jay Watson, Uniontown  
 Timothy Allen Weaver, Columbus  
 Dennis Leslie Weinberger,  
   University Heights  
 Stuart Howard Weiner, Cleveland  
 Phillip Noel Wells, Kettering  
 John Richard Whitney, Columbus  
 Mary Karen Wilson, Blanchester  
 William Joseph Wingert, Canton  
 Marilyn DeLores Woehrel,  
   Downers Grove, Ill.  
 Linda Ann Wood, Warren  
 David Bruce Woodland, Springfield  
 Monda Mae Wukela, Mansfield  
 Glenn Melvin Young, Columbus  
 James Edson Young, Worthington  
 Richard Lee Young, Columbus  
 Gary Yovan, Elyria  
 James Thaddeus Zachery, Dayton  
 Michael Joseph Zajdowicz, Shadyside  
 Dennis Michael Zywoitek, Lorain

#### Bachelor of Science

Seventy-two candidates

William Harry Arnold, Worthington  
 Ronald Alan Ash, Springfield  
 Jon Wayne Atkinson, Columbus  
 Barbara Jean Balog,  
   Broadview Heights  
 Mark Richard Berenberg, Cleveland  
 Gary Lynn Blocker, Mansfield  
 Sarah Jean Bowman,  
   Schenectady, N. Y.  
 Tyler Burgess Brahm, Peekskill, N. Y.  
 Michael Lee Brown, Chillicothe  
 Virginia Ann Bydash, Cleveland  
 Stanley Dee Crapo, Columbus  
 Robert Henry Cullins, Jr., Columbus  
 Laura Daniele, Cleveland  
 Linda Sue Ellis, Lancaster  
 Jacqueline K. Ernst, Liberty Center  
 Joan Adele Ference, Cleveland  
 Clyde Edgar Gleim, Jr., Akron  
 Helen Claire Godhy, Morristown, N. J.  
 Gayle Lynn Grega,  
   Middleburg Heights  
 James Forest Grimshaw, Columbus  
 Cleophas David Grogg, Bucyrus  
 Steve David Halper, Cincinnati  
 Linda Macey Hamble, Columbus  
 Melodie N. Hershberger, Grove City  
 Beverly Kay Hill, Columbus

Marilyn Miller Honabarger,  
   Coshocton  
 Michael Phillip Japack, Cleveland,  
   B.A.  
 Nancy Gaietto Johnson, Tiffin  
 James Daniel King, Bucyrus  
 Steven Welsh King, Sylvania  
 Rita May Klaus, Delphos  
 Ted Kelton Konnerth, Columbus  
 Clifford Terry Krolick,  
   New City, N. Y.  
 Paul Langman, University Heights  
   B.A.  
 Roland Norman Lee, Newark  
 Mary Margaret Sheipline Link,  
   Bellefontaine  
 Douglas Owen Lipp, Columbus  
 Nicholas Eugene Longauer,  
   North Olmsted  
 Catherine Rose Marshall, Amlin  
 Larry Duane Matthews, Hebron  
 Sandy Cook Maxwell, Columbus  
 Lenore Melmeyer, Coraopolis, Pa.  
 Lon Mendelsohn, Columbus  
 Edward Francis Mitzel, Youngstown  
 William Lee Nagel, Columbus  
 David Joseph Navratil, Lakewood  
 Larry Curtis Nickel, Columbus  
 Walter Brian O'Malley,  
   Greenville, S. C.  
 Ronnie Patrick, Fairborn  
 Raymond Todd Petit,  
   North Ridgeville  
 Leroy Peyton, Columbus  
 Gary Jay Pollick, Jericho, N. Y.  
 Ronald Clark Portnoy,  
   East Meadow, N. Y.  
 Patrick Vincent Reilly, Parma  
 Joseph Anthony Ricci, Columbus  
 Roger Phillip Rittenhouse, Hamilton  
 Stephen Paul Roach, Columbus  
 Les Steven Rosenberg, South Euclid  
 Robert Frederick Scheldt, Columbus  
 Keith Lewis Schneider, McLean, Va.  
 Sharon Ann Sciofi, Buffalo, N. Y.  
 Wiley Rea Secrest, Columbus  
 Dennis James Springer, Columbus  
 Carl John Stanek, Maple Heights  
 Dale Chris Stiffler, Cleveland Heights  
 George K. Stravelakis, Columbus  
 Rebecca Dale Wagner, Zanesville  
 David Alce Waldron, Cuyahoga Falls  
 Philip Sydney Waterworth, Dayton  
 Gregg Stephen Weiner, Toledo  
 Marc Elliot Wiener,  
   East Meadow, N. Y.  
 Gregory Dennis Yarman, Columbus

† Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry

## College of Administrative Science

Dean: James R. McCoy

### School of Journalism

#### Bachelor of Arts in Journalism

Fifty-nine candidates

David Allen Agee, Dayton  
Margaret Winifred Allison, Columbus  
Alan Bruce Appel,  
North Bay Village, Fla.  
Linda Louise Ashbaugh, Westlake  
Steven George Birkhold, Columbus  
Paula Cecilia Blanchet, Coshocton  
Thomas Hugh Brennan, Shelby  
Stephen Craig Brice, Hudson  
Ann Hindman Brown, Columbus  
Rodger Lorne Brubacher, Columbus  
Gary Martin Bruell,  
Bradley Beach, N. J.  
Timothy John Bryan, Massillon  
Samuel Clark Byers, Columbus  
Daniel Jay Craig, Springfield  
Karen Ann Donofrio, Toronto  
Dale Charles Feneli, South Euclid  
Gene Berschel Fox, New Bremen  
Van Michael Geondoff, Springfield  
Richard Edward Gill, Hilliard  
Lora Jane Glickman,  
Cleveland Heights  
Barbara Jo Gloeckner, Cincinnati  
Gregory Ray Griffith, Circleville  
Anne Morrow Gudenkauf, Columbus  
Karen Lyn Hamrick, Columbus  
Lorie Jeanne Handler, Youngstown  
Stephen Mark Handler, Columbus  
Louis Marc Heldman, Columbus  
Vicki Schmitz Heldman, Columbus  
Anne Veronica Hennessy,  
River Forest, Ill.  
Robert Earl Holbein, Jr., Norfolk, Va.  
Deborah Lynn Homzak, Cleveland  
Mary Julia Huntzinger, Columbus  
Lee Roland Jenkins, Youngstown  
Adele Maryl Jones, Cincinnati  
Jeffrey Martin Kamin, Atlanta, Ga.  
Alan Duane Kovski, Huntington, N. Y.  
Cynthia Ruth Kriston, Akron  
Susan Cranston Kuntz, Columbus  
Wanda Jane Lynam, Bethel  
Donald Lee Mader, Springfield  
Pete Marinello, Jr., Columbus  
Richard Allen Markel, Lorain  
Roger John Mezger, Cincinnati  
Patricia Boyer Miller, Columbus  
Valerie Anne Mourad, Columbus  
Ronald Stanley Obsner, Columbus  
Brenda Shelley Okrent, Cincinnati  
Brooks Richard Pifer, Wauseon  
Gary Charles Pratt, Euclid

Gary Michael Quigg,  
Woodhaven, N. Y.  
Anthony Peter Rini, Cleveland  
Riley George Rowe, Lakewood  
Ann Elaine Sheldon, Bay Village  
John Matthew Steward, Napoleon  
Gloria Crotty Swanson, Columbus  
John Ray Venters, Columbus  
Joanne Mary Vivian, Kettering  
Elisabeth Shields Vuchnich, Toledo  
Ingerid Elizabeth White, Tampa, Fla.

#### Bachelor of Science in Business Administration

Three hundred and nine candidates

David Lee Abshier, Bellefontaine  
Michael Allison, Cincinnati  
Marcia Ann Amlil, Kettering  
Robert Paul Anderson, Greenville  
Mark Warren Andrews, Ashtabula  
Robert Jonas Applebaum,  
South Euclid  
Mark Peter Arnold, Heath  
Norman Scott Arnold, Germantown  
Joel David Axelrod, Cleveland  
Gary H. Badgley, Galion  
James Cotter Bain, Painesville  
Jerry Lewis Bail, London  
James Randall Banev, Westerville  
Michael Clair Bardo, Springfield  
James Lewis Barnes, Westerville  
Vallie Russell Bauer, Columbus  
John Lee Baughman, Dayton  
Joseph Paul Bellino, Youngstown  
Charles Herman Bendig, Warren  
Mark Owen Beyland, Centerville  
Harry George Beyoglides, Jr., Dayton  
Richard James Bialy, Akron  
Donald Eldon Bickley, II, Westerville  
Charles George Bigrigg,  
Martins Ferry  
Victor Raymond Blankenship,  
Hamilton  
Herbert Alan Block, Columbus  
Michael Louis Blower, Grove City  
Thomas Edward Boder, Newark  
James Lee Boggs, Elyria  
Ronald Kent Bowers, Greenville  
David Alan Brantley, Chillicothe  
John Paul Breech, Columbus  
Leo William Brennan, Claymont, Del.  
Randall Ernest Brooks, Chagrin Falls  
Robert Alan Brown, Elyria  
Thomas Jay Brown, Jr., Lima  
Frank Buckalew, III, Waverly  
Stephen Douglas Burrell, Jewett  
William Scott Cain, Belpre  
Jerry Thomas Caldwell, Columbus  
David Mark Callif, Columbus  
Dennis James Carol, Detroit, Mich.  
Michael Wesley Carroll, Cincinnati  
Marcia Judin Carron,  
Huntington, N. Y.  
Terry Lee Casey, Coshocton  
Timothy Robert Caskey, Hamilton  
Michael James Clancy, Amherst  
William James Clark, Columbus  
Thomas Ray Coppinger, Girard  
Edward Charles Corbett, Cleveland  
Edward Ernest Corbett, Columbus

Phillip Hamlin Corse, Waynesburg  
Timothy Allen Cosgrove, Marion  
Terry Linn Coss, Cambridge  
Richard William Cowles, Morral  
James Michael Cribbs, Canton  
Timothy Ryan Criehtfield, Troy  
Robert James Croker,

Haddon Heights, N. J.  
David Charles Cronin, Hudson  
Myron A. Crowell, Marion  
David Bruce Cumming, Dayton  
John Thomas Danicki, Lorain  
Richard John Danyi, Niles  
John Allen Daum, West Milton  
Peter Gordon Davidson,  
Williamsville, N. Y.

Robert Mac Davis, Columbus Grove  
Stephen Joseph Davis, Columbus  
Kenneth Michael Dean, Lithopolis  
Richard Charles De Bartolo,  
Milltown, N. J.

John Francis DeGuiseppe, Easton, Pa.  
Peter Andrew Deibig, Galion  
Donald Joseph Derewecki, Shadyside  
William Dean Deutchman, Cleveland  
Elaine Adrienne Dick, Cleveland  
Dale Dee Dixon, Cardington  
Michael Peter Donofrio, Bedford  
Robert Eugene Downes, Jr.,  
Brecksville

Richard Joseph Drainville,  
Middleburg Heights  
Bruce McAllister Draudt, Columbus  
Douglas Leon Dunlap, Fort Seneca  
Daniel Durica, Berea  
Lawrence Edward Dusenbery,  
Columbus

Dale Francis Duspiva, Chagrin Falls  
† Denis Blaine Eastman, Columbus  
David George Edgerton, Lishon  
William Richard Engelland, Flyria  
Gary Lee Enz, Piqua  
Rodney Keith Evans, Pomeroy  
Patrick Charles Fagan, Westerville  
Kenneth William Feldmann,  
Cincinnati

Richard Alan Fitz, Philo  
William Benjamin Ford,  
Pittsburgh, Pa.  
Kenneth Raymond Frayer, Berea  
Richard Stewart Friedland,  
Plainview, N. Y.

Alan Stanley Garber, Hamden, Conn.  
Margaret Lee Gasper, Berlin Center  
David Leonard Geib, Columbus  
William Barry Gilbert,  
Springfield, N. J.,  
B.A. (C. W. Post College)  
Donald Lewis Golden, Elmont, N. Y.

James Cameron Gowe, Medina  
Edward Thomas Gozowski,  
Willoughby Hills

Charles David Guy, Columbus  
David Alan Halsey, Newark  
Marina Isabel Hartings, Columbus  
Gary Lance Hartzell, Columbus  
Dennis Blake Hauenstein, Massillon  
Thomas Dean Hazelbaker,  
West Union

James Arthur Hellyer, North Canton  
Thomas Blake Henderson, Newark  
Stanley Michael Herr, Fairhorn  
Thomas William Herrmann,  
Cincinnati

Richard Albert Herron, Salem  
Richard Orrin Hilliker, Bellefontaine  
Rick Lynn Himrich, Selby, S.D.  
Gary Allen Hinaman, Claridon  
John Herbert Hinterschied, Columbus  
Dennis Lynn Hitchings, Canfield  
Harold Roy Hodges, Heath  
Dennis Arthur Hogan, Chardon  
William H. Hogue, Newcomerstown  
Albert Cornelius Hohenbrink, Ottawa  
Norman Scott Hollander,  
Westbury, N. Y.

Mark Edward Homrighouse, Cortland  
Dennis Scott Hoobler, Dellroy  
John Wilbur Hood, Detour, Md.  
Lawrence Paul Hoyt, Brecksville  
Dale Omer Huher, Columbus  
Jimmie Lee Huitt, Jr.,  
London, England

Steven Carl Husemann, Cincinnati  
John Wayne James, Cleveland  
James Jude Jermann, Parma  
John Fredrick Kalb, Bay Village  
John Charles Kalmhaugh, Cincinnati  
Rodney Michael Kaplan, Cincinnati  
Gary Wayne Keller, Jackson  
Jerome Cronin Kienle, Grove City  
Robert Harold Kier, Wilmette, Ill.  
Dale Vincent Kindl, Independence  
Reed Jan Klein, Lyndhurst  
Steven Douglas Klepachak,  
North Royalton

Harry Conrad Knapp, Ashtabula  
Charles Walter Kohler, Toledo  
Jeffrey Ira Konner, Great Neck, N. Y.  
George Albert Krebs, III, Coshocton  
Raymond Edward Kreutzfeld,  
Columbus

Richard Carl Kriger, Columbus  
B.A. (Pomona College)  
James Kroviak, Parma  
Robert Alan Kutler, Hewlett, N. Y.  
Donald Lamka, Cleveland  
Richard Allen Langley, Dayton

Thomas Phillip Lapish  
Middleburg Heights  
James Nelson Lawburn, Canton  
Steven Dale Lawrence, McConnellsville  
Donald Richard Lawson, Galena  
Robert Michael Leggett, Columbus  
Leonard Paul Lemire, Richmond  
Nancy Marie Lenart, Rock Creek  
William John Leonard, North Olmsted  
Kenneth William Lerg, Detroit, Mich.  
Kathy Harriet Levine, Cleveland  
Mark Fredrick Levine, Trenton, N. J.  
Edward Dewey Lewis, Newark  
Eric Steven Lockshin, Akron  
Randall Carl Looker, Columbus  
Linda Louise Loose, Grove City  
Louis Wesley Lowien, Columbus  
Dennis Michael Lozinak,  
Garfield Heights  
Paul Jonathan Lastig,  
Searsdale, N. Y.

Gregory Paul Mack, Wilmette, Ill.  
Jeffrey Randall Macklin, Columbus  
Dale Howard Markowitz,

South Euclid  
Shawn Alan Martin, Stow  
Jeffrey Michael McCleave, Parma  
John Michael McKibben, Caldwell  
Timothy Dale McNamara, Delaware  
William Michael Mealer, Columbus  
Larry Stephen Messner, Bellefontaine  
James Edward Metzger, Dayton  
James Dean Milby, Steubenville  
Douglas Wade Miller,  
Cleveland Heights

John David Miller, Marietta  
Robert Byron Miller, Columbus  
Richard Paul Molengraft, Cincinnati  
John Lawrence Molnar, Brunswick  
Thomas Ross Moninger,  
Stamford, Conn.  
Robert David Morrison, Norwalk  
Jeanne Patrice Motley, Chicago, Ill.  
Richard Howard Muskat,  
New York, N. Y.

Harvey Harold Musser, Lima  
Jeffrey Neil Nachman,  
Long Beach, N. Y.  
Mark Robert Neaman, Worthington  
Dennis Eugene Nielsen,  
North Fairfield  
Rodney Lawrence Niner,  
Wheelersburg  
James Richard Norris, Stow  
Nancy Elizabeth Offutt, Hamilton  
John Willard Parsons, Tiltonsville  
John Michael Pavlik, Seven Hills

\* Degree awarded posthumously.  
Died May 18, 1972

Francis Michael Payne, III, Cleveland  
 Jerald Alan Payner, South Euclid  
 William Edward Peelle, Martinsville  
 Gregory Robert Perrigo, Dayton  
 Donald Arthur Pesek, Independence  
 Rand Redd Pixa, Brunswick  
 Charles Henry Poll, Toledo  
 Gary Polster, Cleveland  
 Lawrence Armin Rackow,  
 Lynbrook, N. Y.  
 Vernon Ralls, Silverton  
 Thomas Rankin, Dillonvale  
 Brent Hastings Raub, Olmsted Falls  
 Earl Kelly Reed, Bay Village  
 Bates Carleton Richmond,  
 Silver Lake Village  
 Carl David Riddle, Caldwell  
 Richard Arthur Riegler, Columbus  
 Michael Grover Riley, Miamisburg  
 Kester Keane Rinehart, Columbus  
 Charles Robert Ritchey,  
 Fredericktown  
 James Norton Ritchie, Chesterland  
 Marc Wayne Robboy, Cleveland  
 Michael Brian Roberts, Worthington  
 Michael Douglas Rogers, Newark  
 Richard Bruce Rose, East Liverpool  
 Alexander Jay Rounds, Dayton  
 Steven Paul Rubin, South Euclid  
 Marvin Ray Sadowsky, Canton  
 David Kenneth Saffle, Columbus  
 Marvin Edward Sagar, Blacklick  
 Carl Richard Saliba, Caldwell  
 Robert Joseph Schmidt, Jr., Newark  
 Rick John Schwieterman, Columbus  
 Lynn Scoggin, Coshocton  
 Robert Joseph Seurlock, Dayton  
 James Howard Seeger, Chagrin Falls  
 William Russell Shaw, Columbus  
 David Paul Sheets, Miamisburg  
 Rickert Michael Shewring, Lorain  
 Jeffrey Lee Shively, Columbus  
 Michael Thomas Shuster, Columbus  
 Robert Regis Sieling, Portsmouth  
 Francis Joseph Sikon, Cleveland  
 Stuart Kalman Silver, Cleveland  
 Richard Milton Silverblatt, Toledo  
 Susan Victoria Simens, Mentor  
 Richard Anthony Simonski, Columbus  
 William Frank Simpson,  
 Allendale, N. J.  
 David Michael Sivinski, Columbus  
 Steven Andrew Skilken, Columbus  
 Robert Anderson Smallwood,  
 Montgomery, Ala.  
 Donald Ray Smith, Kenton  
 John Mark Smith, Euclid  
 Larry Lee Smith, Bellefontaine  
 Richard Reynolds Smith, Wadsworth

Eugene Raymond Snow, Newark  
 Michael Edward Solt, Arlington  
 Raymond William Sovik, Boardman  
 Kris Andrew Sowolla, Maple Heights  
 Donald Douglas Sparrow, Columbus  
 Steven James Springer, Cambridge  
 Allen Louis Stas, Cleveland  
 John Richard Stemple, Columbus  
 Michael Lee Sternad, Columbus  
 Kenneth Robert Stone, Jr.,  
 East Canton  
 Richard Stanley Straight, Canton  
 Martin Strauss, Hickory, N. C.  
 Roger Louis Sturbaum, Sandusky  
 Gregory Warren Sullivan, Maumee  
 William Linn Suver, Columbus  
 Frank Victor Swinehart, Columbus  
 Michael Lewis Swords, Minford  
 Frank Joseph Tate, Columbus  
 Henry Lee Taylor, Amsterdam, N. Y.  
 John Charles Thomas, Cleveland  
 Jeffrey Jay Thornburgh, Toledo  
 Charles Beckham Tichenor,  
 Barrington, Ill.  
 Loren Edward Tischer, Mt. Gilead  
 Randall Scott Tuck, Bloomville  
 Stephen Eugene Tumblyn, Columbus  
 Christopher Case Tuttle, Sycamore  
 Eugene Philip Van Voorhis,  
 Port Clinton  
 John Lawrence Varble, Circleville  
 Theodore Vukelich, Lorain  
 John Lewis Wachter, Union  
 Barry Lee Waggoner, Hudson, N. Y.  
 Philip Michael Wagner, South Euclid  
 Stephen Wagner, Ashland  
 Robert Allen Walker, Ontario  
 Diane Kay Wallace, Mansfield  
 Charles Andrew Walter, Litchfield  
 Charles Roy Walz, Columbus  
 John Harrison Wambold, Hathboro, Pa.  
 Clifford Allen Weiss,  
 Forest Hills, N. Y.  
 Howard Marc Weiss, Pittsburgh, Pa.  
 Bradford Lee Weissfeld,  
 Shaker Heights  
 Ronald Doyle Wiles, Columbus  
 Kenneth Jan Wilschek,  
 New York, N. Y.  
 Jon Christopher Wilson, Columbus  
 John Stephen Wiseman, Columbus  
 John Thomas Woischke, Denver, Colo.  
 Charles Ray Wolffrum, Georgetown  
 Paul Alan Workmaster, Worthington  
 Frank Edward Wright,  
 Framingham, Mass.  
 Tracy Erin Wrightsman, Shelby  
 Stephen James Yaussy, Bucyrus

Daniel Jerome Yeckley, Wickliffe  
 Beverly Jane Zahn, Lorain  
 Dennis Walter Zaiko, South Euclid  
 Mauro Zenarolla, New Albany  
 James Dennis Zielinski, Chicago, Ill.  
 James Robert Zilch, Worthington  
 Cheryl Eileen Zimmerman, Akron

## School of Social Work

### Bachelor of Science in Social Welfare Sixty-one candidates

Deena Marcia Adlerstein, Columbus  
 Karen Suree Austin, Mansfield  
 Rebecca Meyers Bezruetzko, Lorain  
 Peter Aaron Bidney, Columbus  
 Susan Kay Bockrath, Dayton  
 Ronald Bostic, Columbus  
 Vicki Ann Conavay, Dayton  
 Vicki Lynn Cooley, Fremont  
 Linda Jean Covell, Dayton  
 Harold Dale Crosby, Mansfield  
 Helen Jean Dailey, Wintersville  
 Roger Stewart Dixon, Cleveland  
 Susan Mary Dragos, Niles  
 Karen Ann Druhot, Napoleon  
 Maryann Dupps, Germantown  
 Robert John Ferris, Cleveland  
 Mary B. Fisher, Shaker Heights  
 Cheryl Sue Fishman,  
 University Heights  
 Connie Sue Freshman, Columbus  
 Sharon Timken Gow, Pittsburgh, Pa.  
 Mary Michele Gray, Honolulu, Hawaii  
 Alan David Gutentag,  
 Stoneham, Mass.  
 Imogene Wyatt Hamon, Columbus  
 Rebecca Rose Heil, Tiffin  
 Kathleen Dale Hepler, Sylvania  
 Martha Marie Holloway, Logan  
 Anita Howard, Cincinnati  
 Kathryn Ellen Jackson, Dayton  
 Gwennyth Anne Jones, Canfield  
 Sharlene Ann Kahn, South Euclid  
 Marilyn Janet Kellner,  
 University Heights  
 Nina Carole Kirschen,  
 Hicksville, N. Y.  
 Carol Jean Knoblauch,  
 Front Royal, Va.  
 Elaine Alice Knoblauch, Elmore  
 Elaine Lynn Kurzweil, Surfside, Fla.  
 Harold Andrew Lauer, Lima

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Linda Beth Longert, Cleveland  
Sharon Ann Lutes, Minerva  
John G. Mathew, Hallsville  
Catherine Desiree Milgrim, Cleveland  
Kathryn Miller, Columbus  
Laurie Gilbert Oser, Columbus  
Reed Linville Powell, Columbus  
Luanne Holzworth Pullen, Columbus  
Lynda Marie Reiser, Columbus  
Jean Ann Roseberry, Marion  
Nadine Marie Rotunda, Elyria  
Terry Leroy Russell, Westerville  
Nanette Schulman, Omaha, Neb.  
Mary Huston Schunke, Erie, Pa.  
Phillip Terry Shelley, Lima  
Sara Sue Sibley, Urbana  
Barbara Sue Siegelman,  
Shaker Heights  
Sandra Susan Silver,  
Windsor, Ont., Canada  
David Kenneth Slyh, Plain City  
Debra Aileen Smith, Columbus  
Beth Ann Tretthewey, Newark  
Beverly Ann Ward, Batavia  
Joan Taylor Welker, East Liverpool  
Penny Diane Winkle, Sagamore Hills  
Janice Elaine Zolman, Fredericktown

### Bachelor of Science in Agriculture

Two hundred and sixty-two candidates

David Lynn Adams, Waverly  
Craig Edward Allen, Bellaire  
George Howard Allendorf, Huron  
James Russell Archer, Guysville  
Thomas Alan Archer, Circleville  
John Gerald Augustine, Euclid  
Daniel Gaillard Bach, Elmore  
Bruce Edward Bagley, Jefferson  
Jerry Francis Bailey, Cincinnati  
Richard Roy Baker, Jr., Dover  
Janet V. Baldi, Flushing, N. Y.  
Robert Edmund Ball, Caldwell  
Timothy Ackley Barnes, Radnor  
David Anderson Basquin, Shreve  
James Alan Baumgardner, Cincinnati  
Stephen Lee Bechtel, Fredericktown  
Timothy Joseph Beckman, Minster  
Howard Wesley Beery, Bluffton  
Robert Earl Beery, Logan  
C. Thomas Bell, Delaware  
Donald Wayne Berger, Hamilton  
James Michael Berry, Dayton  
Frank William Bischak, Cincinnati  
Kenneth Lewis Black, New Waterford  
Terry Alan Blake, Columbus  
Kenneth Lynn Blanchard, Danville  
Thomas Duane Blodgett,  
Sturgis, Mich.  
Craig Edwin Boblenz,  
New Bloomington  
Charles Anthony Bogar, Jr., Salem  
Thomas Michael Bolles, Solon  
Marguerite Elaine Boros,  
Fort Myers, Fla.  
William David Bowers, Eaton  
Dale Arthur Bray, Chesterland  
Randy Doyle Brehm, Fayette  
Donald Ray Brinkman, Bucyrus  
Alan Robert Brown, Endicott, N. Y.  
\* Paul Emerson Browning, Columbus  
Donald E. Bucher, Pandora  
Thomas Anthony Buchholz, Wooster  
Robert Alan Burrows, Kettering  
Ray Leon Butt, Jr., Georgetown  
Michael Leroy Camechis, Thornville  
Terrance Roger Campbell, Bethel  
Richard Andrew Cappell, Dover  
Michael James Carey, Fairview Park  
Mary Alpharetta Cartwright,  
Columbus  
Susan Linda Cave, Fredonia, N. Y.  
Don Frederic Clark, Johnstown  
Harold Donald Clark, Wadsworth  
George August Clausen,  
Pleasant Plain

Gregory Eugene Cole, Shelby  
Stephen Davison Coles, Fairview Park  
Duane Edwin Counterman, Rockford  
John Prescott Cox, Adams Mills  
Robert Mearl Crowder,  
North Lewisburg  
Edward James Cuccio, Lodi, N. J.  
Martin Allen Cybulski, Belmont  
Larry Joe Daniels, Howard  
Stephen Joel Deering, Monroeville  
John Alexander Deisher,  
Bellefontaine  
Kenneth Joseph Diedrick, LaGrange  
Barry Allen Diehl, New Lebanon  
John Charles Diekmann, Steubenville  
John Alan Dilling, New Waterford  
Edward Eugene Donohue, Toronto  
Robert James Doremus,  
Upper Montclair, N. J.  
John T. Dunbar, Milford Center  
Shelley Dunham, Toledo  
David James Dysinger, Findlay  
Charles David Engster, Warren  
Douglas Errol Entler,  
South Charleston  
David Clinton Flannery, Grove City  
Michael Henry Follrod, Ansonia  
David Marshall Fornof, Columbus  
Daniel Robert Forster, Tiro  
John Christopher Foust, Fairfax, Va.  
William Ernest Franck, Port Clinton  
Robert Detrick Freeze, Dayton  
Robert Marion Freeze, Springfield  
Daniel Wilson Friedly, Convoy  
Mark Richard Fry, Shelby  
† Roger Frederick Genter, Napoleon  
Thomas John Gerschutz, Alvada  
Alan Gordon Gibson, Salem  
Larry Don Gorrell, Cecil  
Thomas Erwin Graham, Cleveland  
Thomas Edward Greene, Wellington  
Douglas Carl Groh, Fairfield  
Robert Clinton Guinther, Galion  
\* Charlotte Gyllenhaal, Bay Village  
Larry Joe Habrun, East Sparta  
John Richard Haines, Montpelier  
Kenneth Alan Halko, Lakewood  
Karol Patrice Hall, Newark, Del.  
Douglas Ray Halterman, Richwood  
Kent Douglas Hammond, Columbus  
Howard Charles Harper, Columbiana  
Ronald Max Heath, West Liberty  
Mark Lynn Hemmerich, Brookville  
James Marvin Herron, Jr., Columbus  
Stephan Robert Hess, Ashland  
Edward Darrel Hilt, Gibsonburg

\* Also Bachelor of Science in Education,  
College of Education  
† Also Master of Science, Graduate School

- Ralph Blaikie Hines, Darien, Conn.  
 Thomas James Hines, Barnesville  
 Randall Lee Hock, Chandlersville  
 Walter Woodrow Holbrook,  
 Chesapeake  
 Mary Hochstetler Hoovler, Danville  
 Michael Douglas Hulse,  
 Fredericktown  
 Jean Ellyn Hutchison, Columbus  
 Daniel Lee Jarboe, Montpelier  
 Larry Parks Jennings, New Concord  
 Jeffrey Stewart Johnson, Bellevue  
 Frank Richard Jokinen, Dorset  
 Harold Harry Jones, Jr., Ohio City  
 John Myron Jones, Newcomerstown  
 Edward James Kaiser, Minster  
 Richard Theodore Karlburg,  
 Sherrard, Ill.  
 Stephen Otto Kilmer, Huron  
 B.A. (DePauw University)  
 Wayne F. King, Mt. Sterling  
 \*Gary Martin Kinnison, Cedarville  
 Douglas Eugene Kirgis, Bloomville  
 June Elizabeth Kirvan,  
 North Chili, N. Y.  
 Paul Stephen Kormanik, Clinton  
 John Richard Kruckeberg, Palestine  
 Ronald Theodore Kus,  
 Garfield Heights  
 Marc Clifton Lacy, Conesville  
 Herbert Marion Lane, Springfield  
 William Michael Lardie, Ashtabula  
 Leonard Nathan Lashaway, Dublin  
 Michael James Layman, Kenton  
 Kenneth Richard Leonard, Berea  
 Rodney Allan Lewis, Thurman  
 David Keith Linkhart, Xenia  
 Herbert Ray Luttrell, Troy  
 Benjamin Gaylord Maiden, Columbus  
 Richard Allan Markley, Mansfield  
 B.S.  
 Ronald Lynn Maurice, Conover  
 Edwin Hector McConoughey, Solon  
 David Clark McCoy, Fredericktown  
 Jack Alan McCoy, Peables  
 Dorian David McKinney, Cincinnati  
 Brad Lee McKittrick, Marysville  
 John Vincent McMahan, Marion  
 Michael Leroy McMaken, Covington  
 Roland John McQuate, Athens  
 \*Lonnie Meeusen, Louisville  
 Elizabeth Ann Mergler, Dayton  
 Gregory Ray Miller, Washington C. H.  
 James Michael Miller, Columbus  
 John Leslie Miller, Elida  
 Kenneth LeMar Miller, Mantua  
 Jeffrey Glen Millns, Toledo
- Suzanne Avis Mills, New Paris  
 Steven Lee Minter, Richwood  
 Theodore Lee Mochel, Lemont, Ill.  
 Thomas Earle Monroe, Magnolia  
 Robert Keith Moser, Lima  
 John Curtis Mossbarger,  
 Bloomington  
 Robert Ray Motycka, Scott  
 David Emerson Moulton, Ravenna  
 Gregory Lee Mountz,  
 Hummelstown, Pa.  
 Thomas Eugene Moyer, Mt. Cory  
 Richard Thomas Nemecek, Cleveland  
 David Russell Notter, Scotttown  
 Dennis Anthony Nowicki, Toledo  
 Robert Kenneth Obrecht, Loudonville  
 Fred Joseph Pallotta, Parma Heights  
 Stephen Richard Parrish, Felicity  
 William Morgan Peake,  
 Pittsburgh, Pa.  
 Alfred Sethne Person, Sherman, N. Y.  
 Gene Michael Pesti, Novelty  
 † Ervin Roger Pickering,  
 Speedway, Ind.  
 George Harry Pieper, Dayton  
 David Charles Poling, Dunkirk  
 Diana Louise Powell, Burton  
 Clemens Charles Prenger, Minster  
 Larry James Rausch, Raymond  
 Donna Jean Redhead, Lakewood  
 Jay Eric Reveglia, Grafton  
 James Glenn Ritter, Fremont  
 Susan Giaquinto Ritter, Dover, N. J.  
 Russell Lowell Robertson, Jr., Utica  
 Robert Carl Robinson, Galion  
 Ruth Ann Robson, Columbus  
 Harry Dennis Rolfe, Mt. Sterling  
 Thomas Joseph Rosenbeck, St. Henry  
 John David Ross, Oregonia  
 Walter James Rotruck, Sandusky  
 John Oren Rowe, Marion  
 Scott Walter Rowe, Homerville  
 Ray Arthur Rummell, Carrollton  
 Boyd Allen Ruth, Athens  
 Robert Stephen Sallade, York, Pa.  
 Leslie Herbert Schaffner, Fayette  
 Kenneth John Schilling, Marietta  
 David Alfred Scoles, Bluffton  
 Richard Joseph Seekatz, Chillicothe  
 Arthur Eugene Segedy, Jr.,  
 Chagrin Falls  
 Martin Stephen Sherman,  
 Mayfield Heights  
 Tony Mark Sherry, Versailles  
 Terry William Shoенberger, Kinsman  
 Robert Wayne Shoffstail, Lakeview  
 William Walter Shultz, DeGraff  
 John Martin Siegel, Fort Loramie
- Lawrence Joseph Simonetti,  
 North Royalton  
 George Joe Sims, Howard  
 Robert Emerson Skidmore, Dayton  
 Myron Ira Smith, Canton  
 William Victor Smith, Tiffin  
 Glen David Smucker, Orrville  
 Myron Lamont Snow, Newark  
 Andrejs Spalvins, Cleveland  
 Stephen William Spitler, Springfield  
 Gary Eugene Stacy, Bellevue  
 Thomas Robert Staley, Columbus  
 Ray Edward Steele, New Carlisle  
 Juan Steer, LaPaz, Bolivia  
 Doyle Harold Stevens, Norwalk  
 Ronald Eugene Strasburg, St. Marys  
 John Arthur Syferd,  
 Washington C. H.  
 Richard Lowell Szwast, Akron  
 Paul Robert Szymanowski, Toledo  
 Larry Omer Tangeman, New Bremen  
 William Rowland Thomas, Jr.,  
 Granville  
 James Michael Tighe, Cleveland  
 Robin C. Timmons, Kirkersville  
 Michael Alan Titer, Springfield  
 Christopher Ray Toops, Springfield  
 Patrick Lyon Toops, Dayton  
 Gary Lee Topp, New Bremen  
 Richard Warren Ullman, Columbus  
 John Allen Ulmer, Bucyrus  
 Jane Ellen Vagasky, Euclid  
 Steven Lee VanEman, Venedocia  
 Thomas Dale VanNostran, Copley  
 John David Varner, Belle Center  
 Dennis Albert Verhoff, Continental  
 Steven Eugene Waddle, Springfield  
 Phillip John Wagner, Lancaster  
 Wayne Reed Wagner, Fremont  
 Marc Stephen Walters, Dover  
 David Allen Ward, Barnesville  
 Larry Edward Ward, Barnesville  
 John William Wargo, Caldwell  
 Raymond Joseph Wasniak,  
 South Euclid  
 Robert Lewis Weaver, York, Pa.  
 Jack Eugene Weisenstein, Columbus  
 David Alan Weston, Columbus  
 Sue Witten Whitacre, Lowell  
 Daniel Doran Widdler, Sugarcreek  
 Earl Craig Wiget, New Vienna  
 Kenneth Sylvan Wiles, Wooster,  
 Ronald Lynn Wolfarth, Louisville  
 Charles Richard Wood, Burton  
 Timothy Lowell Wood, Wellsville

\* Also Doctor of Veterinary Medicine,  
 College of Veterinary Medicine  
 † Also Master of Science, Graduate School

David Michael Work, Cuyahoga Falls  
Douglas Kevin Yates, Mentor  
Donald Wayne Young, Pemberville  
Donald James Zieber, Bellevue  
Carol Jean Zikursh, North Royalton  
William Paul Zmich, Cleveland  
Frank Andrew Zupcsan,  
North Madison

#### **Bachelor of Science in Dairy Technology**

Three candidates

David Huber Black, Mogadore  
Kenneth Joe DePaola, East Sparta  
Martha Jeanne Wiederhold,  
Blanchester

#### **Bachelor of Science in Food Technology**

Three candidates

Paul Eugene Ewing, Dayton  
Carl Edward Hawkins, Hamersville  
Roger Allan Wilson, Cincinnati

#### **Bachelor of Science in Nutrition**

Three candidates

James Stockley Diehl, Akron  
Wayne Henry Gunselman, Jr.,  
Portsmouth  
Karen Sue Kasting, Cincinnati

#### **School of Home Economics**

One hundred and forty-three candidates

#### **Bachelor of Science in Home Economics**

Deborah Ann Adams, Grove City  
Janice Eileen Aikins, Xenia  
Carolyn Beth Aker, Fairview Park  
Marie Sims Allison, Columbus  
Rosemarie Helen Amato, Cleveland  
Nancy Foster Antochow,  
Shaker Heights  
Judy Ann Arnold, Orrville  
Janet Ruth Bare, Canfield  
Sue Ellen Bayly, Columbus  
Janet Karen Berger, Pittsburgh, Pa.  
Denise Soukup Berilla, Springfield

Kathleen Karen Berlin, Columbus  
Teresa Kaye Berner, Dover  
Deborah Louise Bevington, Troy  
Joyce McLoney Billotte, Carrollton  
Barbara Jean Bilsing, Galion  
Mary Ellen Straub Binns,  
Cleveland  
Sandra Jean Blumenschein,  
Marysville  
Betty Jean Boney, Williamston, N. C.  
Patti Jayne Booze, Fredericktown  
Mary Kettunen Bowlin, Andover  
Cynthia Jo Bright, Lucas  
Susan Hanna Brock, Columbus  
Barbara Sue Brooks, Dayton  
Miriam Blema Brotman,  
University Heights  
Susan Alice Bruggeman, Marion  
Mary Ann Catherine Burden,  
Wapakoneta  
Carol Jo Carpenter, Columbus  
Jennifer Ruth Chamberlain,  
Reynoldsburg  
Kay Perry Chester, West Unity  
Shirley Ann Chisholm, Euclid  
Linda Sue Cochran, Mt. Vernon  
Miriam Cheryl Coleman, Salem  
Joyce Christine Cook, Bucyrus  
Lynda Ann Corum, Mansfield  
Tarie Marshall Curtiss, Columbus  
Susan Elaine Donley, Columbus  
Helga Meta Doppfle, Hamilton  
Barbara Breuning Dusenberry,  
Oberlin  
Marda Lou Edmundson, Madison  
Rebecca Jane Edwards, Oak Hill  
Dorothy Jane Eisel, Rockford, Ill.  
Mary Louise Faehle, Columbus  
Karen Bloom Faust, Peebles  
Ann Shaw Ferguson,  
Rowayton, Conn.  
Nanette Louise Fisher, Cleveland  
Wendy Rita Fisher,  
Miami Beach, Fla.  
Donna Jean Fosco, Sandusky  
Marilyn Lentz Franklin, Columbus  
Lynn Kay Fraunfelter, Circleville  
Dian Sue Fredericks, Grove City  
Claudia Wood Freeman, Pataskala  
Beth Darlene Gamble, Tiffin  
Rita Clark Gasser, Smithville  
Katherine Kniskern Gecewich,  
Willoughby  
Mary Ann Clager Georgenson,  
Columbus  
Camille Claire Gladieux, Toledo  
Nancy Sue Glenn, Ashland  
Nancy Anne Grimmer, Norwalk  
Pamela Elizabeth Grove, Cortland

Janis Ellen Hall, Berea  
Georgia Elizabeth Hamrick, Circleville  
Patricia Ellen Hanley, Newark  
Nancy Lynn Henry, Cortland  
Deborah Sanford Hilscher,  
North Canton  
Margaret Ellen Iliff,  
Santa Maria, Calif.  
Eileen Marie Janssen, Worthington  
Patsy Pierson Jenkins, Mt. Vernon  
Jo Marlene Jones, Harrod  
Marsha Lynn Jones, Xenia  
Janet Hill Kearney, Columbus  
Judith Gale Krell, Pepper Pike  
Helissa Tina Krusch,  
Oceanside, N. Y.  
Susan Elizabeth Kuhner, Columbus  
Mary Louise Kurlich, Havertown, Pa.  
Carolyn Murphy Lee, Pleasant City  
Enid Diane Lefton, South Euclid  
Jane Elizabeth Logan, Mt. Gilead  
Linda Ann Londot, Mansfield  
Sandra Scarbrough Luster, Columbus  
Martha May Mason, Cambridge  
Rhodena Forman Masys,  
Morehead, Ky.  
Nancy May, Circleville  
Joan Frances McCaw, Cuyahoga Falls  
Elisabeth Emily Miller,  
St. Petersburg, Fla.  
Margo Hunter Miller, Columbus  
Marsha Sue Mills, Georgetown  
Leila Barkley Montgomery,  
New Lexington  
Rebecca Ann Mumaw, Mansfield  
Pamela Alexander Musgrave,  
Columbus  
Ceil Felice Neumann, Northbrook, Ill.  
Linda Irene Nierstheimer,  
Yellow Springs  
Randall Smith Nydegger,  
Rutherford, N. J.  
Cynthia Nan Oberlin, Bryan  
Maureen Elizabeth O'Brien, Columbus  
Joanne Evans Oliver, Columbus  
Susan Kay Oliver, Chillicothe  
Susan Mary Oliver, Toledo  
Mary Louise Patterson,  
Chesterland  
Susan Chalmers Patterson  
Cleveland Heights  
Isabel Young Poling, Amanda  
Marilyn Sue Postle, Hillsboro  
Patricia Lou Prather, Lancaster  
Nancy Bird Prox, Mt. Vernon  
Charlene Metzger Ransdell,  
Washington C. H.  
Charlotte Ann Rearick, Wilmette, Ill.  
Jo Ellen Ricks, Niles, Mich.

## College of Dentistry

Dean: John R. Wilson

Barbara Arlene Ridgway, Dover  
Mary Susanna Roberts, Radnor  
Karen Cordell Rush, Milford Center  
Sharon Lynne Sabato, Cincinnati  
June Eileen Sanders, Greenville  
Arline Mutti Sarley, Stone Creek  
Gail Leslie Schneider,  
Westfield, N. J.  
Barbara Sue Scott, Westerville  
Jeannette Sue Selby, Warren  
Kathy Sue Sheets, Genoa  
Deborah Kay Shipley, Columbus  
Susan Griffith Shough, Columbus  
Marcia Elaine Smith, Hopedale  
Carol Sue Smythe, Columbus  
Jane Stahler Stanfield,  
Michigan City, Ind.  
Donna L. Steiger, Solon  
Sandra Jean Stimmel, Kettering  
Cheryle Ann Stone, Cambridge  
Vicky Pedersen Tarris, Denver, Colo.  
Karen Pearson Tate, Columbus  
Marlene Mary Taucher, Cleveland  
Diane Marie Tully, Short Hills, N. J.  
Marlene Joan Volk, Crestline  
Jody LaDeane Wallace, Conover  
Kendra Lynn Wander, Worthington  
Susan Mary Wargowsky, Waldo  
Constance Lee Wickiser, Carey  
Pennie Ann Wilging, Mansfield  
Carol Ann Witmer, Louisville  
Jo Ann Wittenauer, Kent  
Cynthia Sue Wolff, Medina  
Christine T. Work, Columbus  
Janet Marie Yake, Cardington  
Nellda Louise Yost, Parkman  
Janet Louise Young, Cuyahoga Falls  
Donna Marie Zack, Richmond Heights

### Bachelor of Science in Nutrition

Two candidates

John Michael Krafcik, Parma Heights  
Linda Kay Van Demark, Worthington

### Bachelor of Science in Restaurant Management

One candidate

John James Marcinick,  
Cuyahoga Heights

### Doctor of Dental Surgery

One hundred and thirty-two candidates

Louis Albert Andrews, Jr., Cincinnati  
B.S. (Ohio University)  
Michael Edward Arlin, Lima  
Kevin John Armbrecht, Cleveland  
B.S. (Cleveland State University)  
William Sanderson Baird, Dayton  
David Jess Barabe, Dayton  
B.S.Bus.Adm.  
Frank Conrad Baumholtz, III,  
Cleveland  
B.S. (Ohio University)  
William Evan Beacham, Euclid  
B.A. (Miami University)  
Daniel Eric Becker, Spring Valley  
B.S. (Ohio University)  
Steven Robert Bohl, Urbana  
Robert Harold Buchholz, Cincinnati  
B.S. (University of Cincinnati)  
Kenneth Barry Bundy, Toronto  
B.A.  
Stephen Hoover Burke, Defiance  
Michael David Caporal, Dayton  
B.S.  
Clark Dowling Cellio, Columbus  
B.A.  
Bradley Philip Clark, Alliance  
Ronald Leslie Clowson, Columbus  
B.S.  
Anthony Codispoli, Canton  
John Andrew Corbett, Columbus  
B.A. (Denison University)  
Thomas Theodore Costello, Cincinnati  
B.S. (Xavier University)  
Robert Emerson Davis, Columbus  
Angelo James DeFalco, Wintersville  
Patrick Louis DelFlore, Youngstown  
John Michael DeMarco, Shadyside  
William Keith Duncan, Bay Village  
Edward Charles Eberlin, Cleveland  
B.S.  
David Mitchell Edwards, East Canton  
Dennis William Ellis, Columbus  
B.A., M.S.  
James Roger Fahrbach, Columbus

Steven Heibert Ferriot, Stow

David William Ferris, Oxford  
B.A. (Miami University)

Dale Frederick Finkbine, Hamilton  
B.S.

Robert John Frank, Youngstown  
B.S. (Youngstown State University)

Richard Lee Frankel  
B.A. (Miami University)

Bruce Albert Frazz, Mansfield  
B.S.

Brian Howard Freedman,  
Cleveland Heights

William Lloyd Fullerton,  
East Palestine

Ronald Blase Gade, Seven Hills

Richard William Gilmer, Jr.,  
Lewisburg

Geoffrey Lee Gold, Columbus

Thomas Francis Graham, Canton  
B.S. (University of Notre Dame)

Gary Arthur Greunke, Graytown

John Anthony Grinaldi, North Canton  
Mark Henry Grosshandler, Zanesville

David Lee Grubb, North Canton  
B.S.

Jeffery Paul Guest,  
Birmingham, Mich.  
B.S.

Michael Alan Hall, Vandalia

Paul William Harr, New Boston

Robert William Hepler, Akron

Thomas Mitchell Hewlett, Columbus  
B.S.

Jonathan Eric Hires, Toledo

Mark Steven Hodson, Lancaster

Jeffrey Terrell Hoffeld, Cincinnati  
B.S. (University of Cincinnati)

James Allan Hoke, North Canton

Stephen Rowles Holliday, Lancaster  
B.S. (Capital University)

Robert John Howard, Jr., Parma  
B.S.

Thomas Edwin Hull, Delaware  
B.S.

John Louis Izanec, Cleveland

Donald Carl Jeffers, Roanoke, Va.

Dennis Bruce Johnson, Columbus

Henry Alan Ker, Columbus  
B.S.

Ronald Klenotic, West Richfield

Richard Morris Klespies, Akron

John George Kostohryz, Brecksville  
B.S. (Ohio University)

Donald Ray Lee, Columbus  
B.S.

James Robert Leventry, Brecksville  
B.S. (Adrian College)

Lawrence Robert Liguore, Akron  
B.A.

John Edward Long, Hamilton  
B.A.

Robert Gregory Lowry, Warren

Rickey Edward Luzar, Crestline

James Lee Mast, Dover

Thomas Roush McDonald, Circleville  
B.S.

Dale Edgar McLean, Columbus

Joseph Michael Minotti, Youngstown  
B.A. (Miami University)

Joe Ike Mitchell, Jr., Canton

Joseph Anthony Mitchell, Girard

Gregory Dana Monroe, Lima

Herold Douglas Mougey, Rittman  
B.A., M.S. (Southern University of  
Illinois)

Richard Charles Nyzen, Jefferson  
B.S.

Konrad Omeltschenko, Apple Creek  
B.S.

Thomas Edwin Osterday, Cincinnati  
B.S. (Xavier University)

Thomas Philip Partridge, Hillsboro

William Fredrick Partridge,  
Columbus  
B.S.

Joe Allen Patton, Lima

Joseph Edward Pierce, Dayton  
B.A. (DePauw University)

Randall Martin Pohjola, Middletown

Timothy Lee Pohlman, Reading

Dan Melbourne Prucha, Bedford

Kenneth Charles Reed, Philo  
B.S. (Ohio University)

Robert Richard Reese, Bay Village

Jay C. Resnick, Cleveland

Jon Marc Rhoades, Cincinnati

David Alan Rhodes, Lowellville

Paul Anthony Ricchetti, Jr., Cleveland  
B.S. (Ohio University)

Gary Donald Robinett, Miamisburg

Ralph H. Rosenblum, Jr., Columbus  
B.A. (Miami University)

Thomas Peter Russin, Steubenville

Dean Carroll Rust, Eaton  
B.S. (Manchester College)

Paul Welstead Schanher, III,  
Springfield  
B.A. (Indiana University)

Rickne Craig Scheid, Sandusky  
B.A. (Ohio Wesleyan University)

Andrew Scislo, Cleveland

Mark Frank Sedlak, Mansfield

Irwin Bruce Shapiro, East Liverpool  
B.A. (Ohio Wesleyan University)

John Robert Sheets, Gallipolis  
B.S. (Ohio University)

Thomas Paul Shopper, Akron

Dale Roland Siemer, Cincinnati  
B.A. (University of Cincinnati)

James Lee Sims, Troy  
B.S.

David Michael Sinar, Akron  
B.S. (John Carroll University)

David Heber Slack, Zanesville  
B.S.

Mark Steven Smilack, Columbus

John Philip Smith, Jr., South Euclid  
B.S. (Ohio University)

William Paul Sockman, Columbus  
B.S.

David James Spangler, Oak Harbor

Robert George Statler, Akron  
B.A. (University of Akron)

Steven Lee Steakley, Ashtabula  
B.S.

Michael David Stern, Cleveland  
B.S.

Marc Barrett Sternberg, Akron

Donald Layne Stone, Columbus  
B.S. (Purdue University)

Thomas Alfred Tallbacka, Ashtabula

Thomas Charles Thuma, Jamestown  
B.A. (Denison University)

Nicholas Joseph Tomasi, Lima  
B.S.

John Richard Trippy, St. Joseph, Ill.

Thomas Edgar Tuckerman, Athens

Daniel Janse VanAntwerp, Solon  
B.A. (Denison University)

Joseph John VanBalen, Jr., Columbus

James Jerome Varley, Youngstown  
B.S. (University of Dayton)

Joel Milton Weaver, II, Akron  
B.S. in Pharm. (Ohio Northern  
University)

John William White, Upper Arlington

James Michael Whitley, New Boston  
B.S. (Ohio University)

Robert Hannan Williams, Jr.,  
Cincinnati  
B.A.

Michael Stewart Wooddell, Shelby  
B.A.

Jacob Yosafat, Cincinnati  
B.S. (University of Cincinnati)

James Gregory Zaletel,  
Broadview Heights  
B.S. (University of Dayton)

### Certificate of Graduate Dental Hygienist

Seventy-seven candidates

Janice Elizabeth Balk, Columbus  
Robin Lee Barnheiser, Dayton  
Vicki Ann Barnhouse, Columbus  
B.A.

Martha Post Baxter, Fremont  
Robbin Josephine Benik,  
North Canton

Wendy Grace Benner, Wadsworth  
Pamela Jane Beuter, Martins Ferry  
Brunhilde Bietz, Tiffin  
Judith Marie Blazer, Parma  
Kay Ellen Bremer, Toledo  
Janice Elaine Busch, Marion  
†Suzanne Hayden Cameron,  
Columbus  
Bonnie Susan Campbell, Brecksville

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

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

One thousand and seventy-six candidates

Jay Wayne Abels, Ashland  
Jo Anna Ackerman, Bellville  
Annette Davis Adams, Worthington  
Stephen Harris Adams, Columbus  
Arthur Anderson Adkins, Amherst  
Timothy Arthur Adkins, Elyria  
Benita Helaine Adler, Beachwood  
Patricia Marilyn Agler, Prospect  
Samuel Alexander, Columbus  
Donna Jo Allen, Akron  
Linda Fick Allenbach, Columbus  
Teresa Mae Allerding, Loudonville  
Nancy Allison, Washington, Pa.  
Ivy Lee Amos, Mansfield  
Dorothy Ziemak Anderson, Gahanna  
Kristin Lynne Anderson, Dayton  
Sandra Lee Anderson, Strongsville  
Deborah Susan Andrews, Hicksville  
Judith Marie Angelo, Columbus  
Daniel Edward Ansel, Grove City  
Laura Josephine Arbuckle, Lakewood  
†Donald Gordon Ardrey, Columbus  
Craig Stephen Armstrong, Columbus  
Michael Joseph Armstrong, Columbus  
Debra Ann Arnstine, Cleveland  
Marianne Artrup, Chillicothe  
Kathy Louise Ash, Pittsburgh, Pa.  
Natalie Ann August,  
Springfield, Ill.  
Jerry James Autenrieth, Grove City  
Victoria Annette Backes,  
Reynoldsburg  
Mary Carolyn Bagley, Chagrin Falls  
Deborah Ann Bailey, Cincinnati  
Steven Allen Bailey, Columbus  
Nancy Schreiber Bain,  
Rochester, N. Y.  
Geraldine Theresa Bajzer, Cleveland  
Bonnie Sue Ball, Worthington  
Erwin Jason Bandy, Pataskala  
Caroline King Barabani, Mansfield  
Norine Paula Baratt, Cleveland  
Dolores Irene Barber, Newark  
David Michael Barhorst, Sidney  
Matthias Abraham Barouh,  
Columbus  
Leslie Habel Barr, Kettering  
Sue Ann Barrett, Columbus  
Denis Eldon Barry, Wellsville  
Larry Mark Bartos, Campbell  
Ross Delno Bartsch, Jr., Columbus

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

‡ Also Bachelor of Science in Education,  
College of Education

Diana Jean Carlisle, South Euclid  
Becky Lynn Christy, Toledo  
Sue Ann Cochran, Columbus  
‡Naomilee Finley Davis, Xenia  
Barbara Colleen DeLuca,  
Washington, D. C.  
Denise Deborah Diedrich,  
Worthington  
Karen Ann Dietch, Columbus  
‡Debra Lynn Drube, Cincinnati  
Rae Ellen Dubach, Ashtabula  
Jennifer June Dunn, South Vienna  
Patti Sue Epstein, South Euclid  
Constance Lee Fisher, Columbus  
Shandolia Marie Flagel, Dayton  
†Barbara Ayers Ford, Mt. Vernon  
†Elizabeth Marie Grigonis, Euclid  
†Lubomira Hadzima, Euclid  
Marsha Lee Hall, Dayton  
Patricia McCarley Heaton, Hillsboro  
Brenda Sue Henehan, Dayton  
Mary Elizabeth Hoddy,  
Owosso, Mich.  
Vicki Lynn Jacobs, Mansfield  
Kathleen Loretta Kaye, Brecksville  
Sandra Sue Keyerleber, Mentor  
Claudia Lou Kiefer,  
Middleburg Heights  
Ann Loraine Kobilarcsik, Wooster  
†Betty Lee Lewis, Cincinnati  
†Catherine Ambrozic Llewellyn,  
Lorain  
†Susan Louise Mandel,  
Cleveland Heights  
†Maureen Marquard, Cleveland  
†Jean Elizabeth Marshall, Kettering  
Patricia Ann McCloy, Cincinnati  
Paula Jinnett McWherter, Lyndhurst  
Jeralyn Mies, Galion  
Cynthia Louise Molyet, Fremont  
Lenita Geiger Mullin, Columbus  
Pamela Ann Murphy, Springfield  
Joyce Renee Myers, Peninsula  
Diane Felice Navarre, Lima  
Terry Lee Osborne, Hamilton  
†Michele Marie Owens, Alliance  
Carolyn Cannon Randall,  
Logan, Utah  
Sharon Diane Ray, Lancaster  
Marlene Ann Reineke, Bellevue  
Ellen Joyce Ross, Toledo  
Karen Jean Ross, Lyndhurst  
Constance Sue Seckel, Mansfield  
Shirley Ann Shade, Versailles  
Jeanne Ryan Sines, Circleville  
Elaine Kay Sissca, North Canton  
†Pamela Jean Smith, Monroeville  
Victoria Margaret Smith, Englewood  
Marsha Lynn Sowash, Warren

Susan Diane Stegmiller, Columbus  
Fabienne Frey Stout, Fremont  
Brenda Joy Tayler, Galion  
‡Danah Lee Testerman, Lebanon  
Renee Trepanier,  
Middleburg Heights  
Barbara Waggoner Whitford,  
Kettering  
Robin Laurie Wilkes, Lyndhurst  
B.A. (Miami University)  
‡Mary Patrice Williams, Worthington  
Mary Kay Wulf, Alliance  
Deborah Deam Yore, Columbus  
‡Susan Ann Yung, Beachwood  
Jennifer Lynn Zelik, Dayton

Janet Lynn Bashor, Columbus  
 Thomas Joe Bassett, Venedocia  
 Frank Eugene Bateman, Columbus  
 Brenda Lou Bauer, Crestline  
 Sandra Sue Bauer, Crestline  
 Brenda Lynn Beach, Canfield  
 Brenda Sue Beach, Marion  
 Esther Beachy, Plain City  
 Carolyn Smith Beal, Mt. Gilead  
 Brenda Gail Beam, Winchester  
 Cheryl Sue Beary, Mansfield  
 Betsy Anne Beatty, Kettering  
 Beverly Gay Becher, Cuyahoga Falls  
 Gloria Waffan Bemer, Cleveland  
 Constance Jeanne Benedict, Columbus  
 Catherine Vaughan Benner, Marion  
 Judith Shaw Bennett, Columbus  
 Renda Haycook Bennett, Galena  
 Vickie Lynn Bennett, Columbus  
 Jeffrey Neal Berger,  
   University Heights  
 William Douglas Bergman, Columbus  
 Norman John Berls, Columbus  
   B.S.  
 Sharon Kay Berlye, Monticello, N. Y.  
 Nancy Jane Berry, Evanston, Ill.  
 Judith Layer Besenti, Mansfield  
 Walter Paul Betley, Columbus  
   B.S. (University of Maryland)  
 Teresa Forsythe Bettac, Westerville  
 Laurie Biederman, Beachwood  
 Phyllis Hickie Biery, Wintersville  
 Carmen Jenkins Bigus, Shelby  
 Anna Marie Binkley, Ada  
 Jeffrey James Blaga, Cincinnati  
 Doreen Kay Blaha, Chardon  
 Linda Jean Blaha, Cleveland  
 Jan Nichols Blankenburg,  
   Fairview Park  
 Mary Jane Blawut, Adena  
 Barbara Blum, Cleveland  
 James Eugene Blust, Ashland  
 Ronald Lowell Boatright, Wooster  
 Richard Steven Bock, Toledo  
 Cheryl Romigh Boehm, North Benton  
 Susan Lynn Bolton,  
   Fly Creek, N. Y.  
 Gail Smith Bond, Celina  
 Asuman Kurtis Booth, Columbus  
 David Perry Bope, Columbus  
 Marily Ann Borchers, Fort Loramie  
 Donald Borchert, Fairview Park  
 Philip Allison Boucher, Dayton  
 Peggy Ann Bowen, Shreve  
 Karen Marie Bower, Columbus  
 Marcia Metcalf Bowers, Columbus  
 William Albert Bowman, Columbus  
 Sally Watson Boyer, Millersport  
 Connie William Boykin, Columbus

Ruth Ellen Bradfield, East Liverpool  
 Janice Elaine Brammell, Marion  
 Wayne Alan Branfield, Van Wert  
 Cheryl Marlene Breen, Cleveland  
 Rodger Alan Breidenbach, Dayton  
 James Walter Brinkman, Lima  
 Sharon Natoli Brodt, Columbus  
 Wendolyn Lee Bromley, Dayton  
 Karen Jeanette Brooks, Cleveland  
 Linda Kay Brown, Waverly  
 Mary Kemper Brown, West Salem  
 Paul Douglas Brown, Columbus  
 \*Paul Emerson Browning, Columbus  
 Linda Nan Brucker,  
   Beverly Hills, Calif.  
 Susan Kathryn Bruns, Yorkshire  
 Carmen Poinier Buckalew, Columbus  
 Diana Freeland Buell, Columbus  
 Charles Anthony Buenning, Jr.,  
   Columbus  
 James Jay Burchfield, Columbus  
 Judy Kay Burgoon, Columbus  
 Joan Lynn Burke, Millersburg  
 Laurie Mandel Buxbaum,  
   University Heights  
 John Michael Byrne, Columbus  
 Mary Evelyn Cain, Patriot  
 Barbara Ann Caldwell, Columbus  
 Jacqueline Roberta Caldwell, Toledo  
 Molly Heilman Calhoun, Columbus  
 Michael Avery Campbell, Galion  
 Mary Elizabeth Canfield, Columbus  
 Constance Celeste Cangialosi,  
   Livingston, N. J.  
 Mary Coons Carey, Richwood  
 Deborah Lowry Caringola,  
   Monroe, N. Y.  
 Debra Kay Carlin, Bellville  
 Tod James Carmony, Wooster  
 Jane Ann Castle, Cincinnati  
 James Dave Cauley, Columbus  
 Barbara Lynn Chabek, Parma  
 Nancy Sue Charlton, Buckeye Lake  
 Kathleen Ann Cheek, Bowling Green  
 Nancy Beth Cherry, Columbus  
 Jean Friend Chiles, Wapakoneta  
 David Emery Chivington, St. Marys  
 Mary Ann Christopher, Houston, Tex.  
 Sophie Mae Belle Clausen,  
   Pleasant Plain  
 Jacquelyn Sue Clawson, Troy  
 Harvey Louis Clayman, Columbus  
 Janice Ann Cleary, Cincinnati  
 Connie Irene Clement, Cridersville  
 Gaynell Speck Cline, Lexington  
 Marilyn Jean Clotz, Amherst  
 Richard Craig Clouse, Gahanna  
 Jane Ellen Cochran, Sunbury

Linda Susan Coffey,  
   Washington C. H.  
 William Eugene Colburn, Columbus  
 Jerry Russell Cole, Swanton  
 David Maxwell Coleman, Louisville  
 Sue Allemang Coleman, Columbus  
 David James Collins, Westerville  
 Martha Anne Combs, Dayton  
 Sharon Joyce Comet, Beachwood  
 Stephen Armie Comunale, Akron  
 Kenneth Alan Conaway, Mansfield  
 Carol Blough Condry, Wooster  
 Cynthia Ann Conley, Euclid  
 William Nolde Conley, Columbus  
 Terrence Mark Converse, Millersport  
 Jahn Marie Cook, Napoleon  
 Kathleen Masck Cook, Cleveland  
 Susan M. Coons, Woodmere, N. Y.  
 Mary Ann Cooper, Maple Heights  
 Phyllis Dale Coenthal,  
   Scarsdale, N. Y.  
 Charlene Mae Craig, Diamond  
 Christina Diane Cramer, Perrysville  
 Sandra Jean Crane, Newark  
 Marilyn Easterling Crawford,  
   Mansfield  
 Richard Darl Crawford, Columbus  
 Dianne Wehinger Creamer, Mansfield  
 Ellen Louise Crocker, Wooster  
 Pamela Marie Crook, Granville  
 Nancy Todoran Cross,  
   Hollidaysburg, Pa.  
 Darleen Roach Crow, North Olmsted  
 Craig Ashba Curtis, Kenton  
 Daniel Lyn Cutcher, Vermillion  
 Leslie Sharon Dachs, New City, N. Y.  
 Christopher Nickolous Damopoulos,  
   Columbus  
 Valentinas Walter Danapolis,  
   Columbus  
 Patricia Louise Dasher, Riverton, Ill.  
 Clara Kay Daugherty, Coshocton  
 Cynthia Mae Davidson, Lima  
 Nancy Pamela Davies, Marion  
 Cathi Arlene Davis, South Euclid  
 Cinda Kay Davis, Lewistown  
 † Naomilee Finley Davis, Xenia  
 Sally Moore Davis, Columbus  
 Stanley Mark Davis, Columbus  
 Robert Madison Day, Columbus  
 George Edmund Dean, Columbus  
 Judith Lee Dean, Miamisburg  
 Patricia Bollack Dean, Mansfield  
 Karen Mertz Dearbaugh, Columbus

\* Also Bachelor of Science in Agriculture,  
 College of Agriculture and Home Economics  
 † Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry

Pamela Jean DeHays,  
Sulphur Springs  
Gwendolyn Beekman Delabar,  
Wheelersburg  
Susan Marie Demjen, Circleville  
Lawrence Franklin Dennis, Marion  
Joanne Carol De Perro, Girard  
Dianne Natalie Desich, Lorain  
Charlene Weekley Devaney, Hilliard  
Sharon Sue DeWees,  
Washington C. H.  
Pamela Beaver D'Huyvetter,  
Columbus  
Frederick Joseph Diamond,  
Syosset, N. Y., B.A.  
Shauna Lael Dickinson, Mt. Victory  
Carol Ann Diedrich, Uniontown  
\*Fred Michael Discenzo, Cleveland  
Margaret Ellen Dixon, Columbus  
Stanley Howard Dixon, Columbus  
Carlotte Joy Dobie, Wapakoneta  
Susan Lee Dodds, Bellefontaine  
Donna Marie Dolciato, Cleveland  
Deborah Kastin Dolgin, Cleveland  
Edward James Domsitz, Trotwood  
Anna Mary Albertson Donaker,  
Warsaw  
Anna Kalenak Doray, Worthington  
Cheryl Corrine Dorfmeier, Toledo  
Barbara Kraus Dorn, Wooster  
David Anthony Downing, Bucyrus  
Patricia Jane Doyle, Wadsworth  
Robert Harold Draeger, Lindsey  
Deborah Claire Dreizin,  
Palo Alto, Calif.  
Beverly Henwood Dremann,  
Fredericktown  
Richard Allen Drewes, Cincinnati  
Beverly Beall Drexel, Columbus  
\*Debra Lynn Drube, Fairfield  
Sharon Madalyn Drucker,  
Elmont, N. Y.  
Richard Loveridge Drusendahl,  
Rocky River  
Judith DeShetler Duckworth,  
Columbus  
Jack Gale Duncan, Bay Village  
Susan Meyers Duncan, Ashland  
Suzanne Given Duncan, Columbus  
Pamela Little Durrett, Columbus  
John David Dutcher, Columbus  
Bonnie Jane Dye, New Matamora  
Virginia Ann Earl, Marion  
Dana Lynn Eblin, Marion  
Nancy Anne Edie, Cincinnati  
Kay Fogt Egbert, Botkins  
Kathie Anne Ehrich, Columbus  
Sally Jean Eickholt, Sylvania  
Barbara Ellen Eier, Upper Sandusky  
Katherine Elizabeth Eisenbraun,  
Struthers  
Janet Pryse Elfers, Cincinnati  
Thomas Robert Elfers, Cincinnati  
Timothy David Ellerbrock, Leipsic  
Sandra Lee Elliott, Granville  
Ruth Gail Ellis, Cleveland  
Nancy Ann Ely, Columbus  
Kristine Dawn Emblen, Newark  
Richard John Emmett,  
Watertown, Conn.  
Teresa Lee Erwin, Columbus  
\*Roger Lloyd Esterwood,  
Chippewa Lake  
Don Edward Evans, Ravenna  
Donna Smith Evans, Pomeroy  
Elgarda Jane Evans, Venedocia  
Larry Ray Evans, Columbus  
Randall Dunbar Everett, Warren  
Victoria Ann Fahey, Evanston, Ill.  
Abbe Hinde Feder, Clifton, N. J.  
Linda Gail Feder, West Orange, N. J.  
Jeanne Ellen Fegley, Bucyrus  
Helena Barbara Feldman,  
South Euclid  
Kris M. Feniger, Toledo  
Connie Fenton, Washington C. H.  
Barbara Shnider Feuer, Trotwood  
Christine Louise Figuli, Cleveland  
Sharon Louise Fillinger, Columbus  
Marian Michele Finney, Newark  
Lisa Levy Fischer, Cleveland  
James Frederick Fishinger, Columbus  
Kathleen Mary Fitzsimmons, Milford  
Margaret Mary Flanagan, Columbus  
Thomas Bernard Flanagan, Columbus  
Lynn Fleisher, Canton  
William Bowman Fleming, Columbus  
Barbara Ann Flinn, Kenton  
Patricia Sue Flora, Fort Mitchell, Ky.  
Linda Jo Flowers, Columbus  
Kathleen Ann Fodor, Chippewa Falls  
Yvonne Margaret Fowler, Columbus  
Edward Dean Francis, Columbus  
Jane Elaine Francis, Gahanna  
Deborah Anne Franck, Columbus  
Wendy Jane Frank, Bayside, N. Y.  
Nancy Ellen Fraser, Salineville  
Nanette Marie Frazier, Grove City  
Chester Larry Frear, Lancaster  
B.B.A. (Ohio University)  
Eric William Freece, Findlay  
Elise Leslie Freed, Philadelphia, Pa.  
Suzanne Roberta Freed,  
Pompton Lakes, N. J.  
Mary Elizabeth Freeman, Wintersville  
Donald Kenneth French-Stakland,  
Mt. Cory  
Paula Gifford Freshwater, Columbus  
Barbara Soulier Fricke, Mt. Gilead  
Marsha Frow, Teaneck, N. J.  
Elizabeth Ann Froning, Minster  
Kathleen Calinger Fry, Columbus  
Margaret Ann Fullerton, Huntsville  
Jane Ellen Funkhouser, Attica  
Barbara Trudy Furman, Columbus  
Ruth Ann Furnas, Dayton  
Elaine Lyn Gabin, Erie, Pa.  
Wanda Harris Gainer, Newark  
Elizabeth Ann Thomas Gaines,  
Columbus  
Kathleen Louise Gallagher,  
Cambridge  
Sharon Louise Gallagher,  
Schaumburg, Ill.  
Rosanne Hartzler Gallaer, Delaware  
Lynn Hall Gardner, Georgetown  
Diane Carol Garonzik,  
Harrisburg, Pa.  
Carol Frysinger Gaskalla, Columbus  
Marianne Vail Gates, Shelby  
Beverly Kay Gearig, Wauseon  
Mary Kettering Gebhart, Ashland  
Celeste Weber Geise, Delphos  
Arlene Hilda Gellis, Bridgeport, Conn.  
James Melvin George, Deshler  
Roger Dale George, Marion  
Elizabeth Ann Geraghty,  
Richmond Heights  
Pamela Sue Gerbeth, Akron  
Bernice Smith Gerdeman,  
Fort Jennings  
Nancy Elizabeth Ghenco, Mt. Gilead  
Carol Ann Gibas, Neffs  
Judith Ann Gibbons,  
University Heights  
Donna Lee Gibson, Mansfield  
Rita Jean Gifford, Columbus  
Pamela Shelly Gilbert,  
University Heights  
Janet Shrader Giovanni, Columbus  
Karen Jean Glaser, Parma  
Kathleen Ann Glaser, Parma  
Kristin Lee Glaser, Newark  
Gary Wayne Glass, Richwood  
Carol Lynn Glassman, Columbus  
Marcia Joy Goldfarb, Akron  
Mariilyn Irene Goldfine,  
Freehold, N. J.  
Veronica Barile Goldinger, Crestline  
Irene Carol Goldman, Bellmore, N. Y.  
Connie Lee Goodall, Columbus

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences  
† Also Certificate of Graduate Dental Hygienist,  
College of Dentistry

Gary Frank Goodman, Cincinnati  
 B.A. (University of Hawaii); M.S.  
 Daryl Gregory Gorzki, Detroit, Mich.  
 Sue Ellen Grandey, Fairfield  
 Diana Jean Grandstaff, Columbus  
 Andrea Rochelle Grant,  
 New Milford, N. J.  
 Jacqueline Denese Grazak,  
 Strongsville  
 Juandalyn Nancy Green,  
 San Diego, Calif.  
 Maureen Green, University Heights  
 Alana Susan Greenbaum,  
 Roslyn, N. Y.  
 Carolyn Burke Greene, Delaware  
 Richard Henry Greene, Cincinnati  
 Mollie Kris Greiner, Columbus  
 Beth Brewer Grieshop, Greenville  
 Sharon Gosney Griggs, Loveland  
 Ellen Reiheld Grimes, Orrville  
 Kathleen Marie Grimes, Worthington  
 Susan Elaine Grimsley, Leesburg  
 Kathy Griffiths Grissom, Columbus  
 Kathleen Jane Groff, Columbus  
 Jerianne Gross, South Euclid  
 Mitchell Alan Gross, Bronx, N. Y.  
 Rochelle Lea Gross,  
 University Heights  
 Nancy Lynn Group,  
 Woodmere, L.L., N. Y.  
 Patricia Lee Groves,  
 Washington, N. J.  
 Nancy Black Gruber, Ostrander  
 Jane Elizabeth Gular,  
 Brooklyn, N. Y.  
 Susan Kay Gussett, Canton  
 Hermine Gutowitz, Beachwood  
 Judith Jane Guy, Akron  
 Charlotte Gyllenhaal, Bay Village  
 Deborah Ann Haap, Cincinnati  
 Suzan Noreen Hadley, Harrod  
 Carolyn Marie Hagey, Columbus  
 Marietta Welch Hague, Heath  
 Jennie Norah Hakes, Fostoria  
 Janice Sue Hall, Galion  
 Jesse Nicholas Hall, Cleveland  
 Shirley Ann Hamilton, Columbus  
 John Scott Hammond, Granville  
 Gary Herman Hammons, Gahanna  
 Charles Robert Haner, Gallipolis  
 Lynne Duncan Haraway, Lancaster  
 Lawrence Gerald Harms,  
 Worthington  
 Donald Dean Harper, Philo  
 John Alan Harri, Fairport Harbor  
 B.S.  
 Elaine Hartman, University Heights  
 Linda Erwin Hartman, Grove City  
 Marianna Crips Hartmann, Mansfield

Gloria Jean Harvey, Marion  
 Ronda Rae Hathaway, Fredericktown  
 Carol Lee Hauelsen, Medina  
 Kathie Hauer, Dublin  
 Kenneth Harold Hausner, Greenhills  
 Deborah Jo Hawley, Columbus  
 Christina Lynne Hayes, Columbus  
 Sherry Sutherland Heacock, Kenton  
 Deborah Lee Heavilin, Cadiz  
 Cathlene Louise Heckart, Ada  
 Arnell Christina Hecker, Marion  
 Linda Sue Heffner, Cincinnati  
 Stephen James Heinmiller, Columbus  
 Marsha Mowery Helton, Delaware  
 Ann Ann Hemmelgarn, Worthington  
 Frederick Joseph Hemmert, III, Piqua  
 Sara Fraker Henderly, Lancaster  
 Charlotte Jean Blount Henneberger,  
 Lacona, N. Y.  
 Nancy Lea Henno, Pasadena, Calif.  
 Charles Arthur Hepner, Bucyrus  
 Deborah Ann Herdman, Findlay  
 Sharon Lynn Herman,  
 Shaker Heights  
 Gwendolyn Harris Herrell, Columbus  
 Ann Joan Hershkowitz, Bayside, N. Y.  
 Christine Marie Hesperen, Parma  
 Dale John Hess, Defiance  
 Floyd Michael Heys, Vermilion  
 Lester Andrew Heyward,  
 Newark, N. J.  
 Carol Yvonne Hicks, Worthington  
 Thomas John Higgins, Willowick  
 Edward Conrad Hilbert, Columbus  
 Julie Kathleen Hildebrand, Newark  
 Paul Stephen Hillenbrand,  
 Columbia Station  
 Leslie Darlene Hilliard, Lancaster  
 George Hillow, Lakewood  
 Jill Hirschberg, Cincinnati  
 Debra Lee Hobbs, Heath  
 Jean Suzanne Hodges,  
 Farmingdale, N. Y.  
 Rita Diane Hoffman, Fairborn  
 Charles Albert Hole, St. Marys  
 Kathryn Ann Holland, Columbus  
 Linda Nixon Holtrey, Mt. Gilead  
 Susan Jean Holzaepfel, Sandusky  
 Linda Elaine Hood, Warren  
 Sherril Lynn Hord, Kenton  
 Miriam Kramer Horton, Newark  
 Norman Howard, Jr., Cleveland  
 Patricia Ardovino Howard,  
 East Norwich, N. Y.  
 Erwin George Howell, Warren  
 Deborah Marie Huber, Wapakoneta  
 Barry Benson Huff, Columbus  
 Susan Elizabeth Huff, Dover  
 Hugh Hilary Hughes, Lima

Kaylaann Hughes, Newark  
 Linda Jean Hughes, Dayton  
 Christina Love Hummel, Columbus  
 James Lee Humphrey, Columbus  
 Donald Philip Huysman, Delphos  
 Carol Jean Hyman, Mansfield Heights  
 Carole Celia Hyman, Cleveland  
 Joseph Anthony Igel, Jr., Columbus  
 Janet Lee Innis, Columbus  
 Lynda Elare Irvin, Portsmouth  
 Theresa Rae Irvine, Reynoldsburg  
 Michael Edward Irwin, Columbus  
 Robert Anthony Jack, Wintersville  
 Donna Beatty Jackman, Cambridge  
 Karen Lee Jacob, Cleveland  
 Karin Hunt Jacobs, Mansfield  
 Mark Meeker Jacobs, Cincinnati  
 Randy Jay Jacobs, Waynesfield  
 Carol Cassandra James, Columbus  
 Karen George James, Mt. Vernon  
 Teresa Lynn James, Fostoria  
 Marlene Lynn Janssen, Wayne, Pa.  
 Shelley Renee Jefferson, Cincinnati  
 Sue Ann Jemison, Reynoldsburg  
 Barbara Ann Jenks, Columbus  
 Helen Ann Jessop, Cleveland  
 Jacqueline Rushing Johnson,  
 Worthington  
 Judith Gallo Johnson, South Euclid  
 Margaret Davis Johnson, Lima  
 Thomas Francis Johnson,  
 Worthington  
 Darrell Dean Jones, Columbus  
 Sharon Bookwalter Jones, Columbus  
 Sheryl Meeker Jones, Canfield  
 Timothy Mark Jones, Columbus  
 Kathryn Ann Jungeberg, Berea  
 Kristy Leigh Kable, Columbus  
 Thomas Eugene Kaelber, Ostrander  
 Karen Susan Kallman, Columbus  
 Melinda Jan Kaplan, Hillsdale, N. J.  
 Lorraine Bianca Kaschulla,  
 Cleveland  
 Nadia Beth Kate, Beachwood  
 Diane Nina Katz, Cleveland  
 Karen Keplinger Kaufman,  
 Jeromesville  
 Melanie Kay, Cleveland  
 Steven Kaye, Parma  
 Jane Elizabeth Keener, West Salem  
 Judith Simpson Keil, Mt. Gilead  
 Jane Cecelia Keller, Parma  
 Diane Corinne Kemmerling, Canton  
 Carole Henderson Kerns,  
 Bellefontaine

\* Also Bachelor of Science in Agriculture,  
 College of Agriculture and Home Economics  
 † Also Bachelor of Arts,  
 Colleges of the Arts and Sciences

Marie Louise Kevorkian,  
Wellesley, Mass.

Diana Kay Keysor, Lakeview  
Eric Donald Kibler,  
New Washington

Mary Ann Kienle, Grove City  
James Francis Kill, Spencerville  
Joseph Leroy Kilpatrick, Uhrichsville  
Rosemary Kay Kimosh, Euclid  
Frank Clarence Kinder, Columbus  
Sandra Ann Kiner, Mansfield  
Jane Meckstroth King, Bryan  
James Richard Kingery, Newark  
Tobelle Kirshenbaum, Youngstown  
Marcia Phyllis Kitain, Dayton  
Darlene Sue Klein, Columbus  
Robin Elise Kilman, Rochester, N. Y.  
Maxine Mary Klimasara, Bedford  
Timothy Grant Klingler, Somerset  
Emily Long Klipstine, Columbus  
Kathy Ann Klopfenstein,  
New Bremen

Linda Kremer Knapke, Columbus  
Josephine Iva Knecht, Columbus  
Carolyn Sue Kneisel, Columbus  
Karl Michael Kniffin, Troy  
Ruth Hedges Knisely, Coshocton  
Dorothy Jean Konrad, Kettering  
John Cary Koppert, Columbus  
Mary Korenberg, Columbus  
Janice Bowersock Kramer, Lima  
Robert Steven Krasilnick,  
Bayside, N. Y.

Cheryl Anne Kray, Indianapolis, Ind.  
Rhonda Joan Krenitz, Shaker Heights  
Francine Seymour Krieger,  
Ann Arbor, Mich.

Mark Pheris Krieger, Circleville  
Suzanne Mary Kriska, Parma Heights  
Kathryn McKenzie Krites,  
Wapakoneta

Susan Worth Kroviak, Cincinnati  
Virginia Tarantino Krull,  
Flemington, N. J.

Marilyn Sue Kuczma,  
Eastchester, N. Y.

Joseph Paul Kurelic, Columbus  
Mary Ella Kutscher,  
New Philadelphia

Jeffrey Henry Lacher, Belle Center  
Christine Ellen Lamantia, Lima  
Rita Irene Lame, Huntsville  
John Michael Larocca, Hubbard  
Patricia Ulrich Larrison, Columbus  
Susan Lattari, Denville, N. J.  
Beverly Craven Laucher, Mt. Gilead  
Barbara Crooks Lawrence, Columbus  
James Ray Lawrence, Portland  
Dennis Alan Laws, Sandusky

Sally Jo Febus Lee, Medina  
Vicki Gardner LeFevre, Columbus  
Judith E. Leffert,  
Rockville Centre, N. Y.

Michael Richard Leganik, Rossford  
Thomas Christopher Lenke, Sandusky  
Lana Jean Lerner, Amherst  
Linda Lou Leslein, Columbus  
Marilyn Evan Levich, South Euclid  
William Louis Levine, South Euclid  
Jan Ellen Levy, Akron  
Carol Giaque Lewis, Marion  
Joan Marie Lezan, Seven Hills  
Linda Ann Liao, Westerville  
Barbara Ann Lightman, Snyder, N. Y.  
Diane Himmel Linick, Shaker Heights  
Kathy Hawk Linkhart, Columbus  
Betty Boston Lishka, Columbus  
Cindy Lou Liston, Lakeview  
Karen Sue Loach, Findlay  
Jessica Maria Lombardi,  
Westfield, N. J.

Linda Jean Lombardino,  
Morristown, N. J.

Angelo Frank Lonardo, Cleveland  
Susan Elaine Long, Ludlow Falls  
Peggy Caryl Metzger Lord, Columbus  
Beverly Ann Lumpkin, Cleveland  
William Charles Lusher, Mansfield  
Alexander Nicholas Luttschyn,  
Detroit, Mich.

Diana Lewis Lybarger, Delphos  
Catherine Marie Lynch, New Carlisle  
Rebecca Ellen Lyons, Columbus  
Constance Naylor Mack, Dayton  
Patricia Duncan Maczka, Columbus  
John Walter Magers, Columbus  
Paula Marie Mahaley, Akron  
MaryEllen Mahan, Bloomville  
James William Mahoney, Woodsfield  
Catherine Swank Majors, Columbus  
Cynthia Milarcik Maleski,  
Tippecanoe

Sherry Lynn Maleski, Seven Hills  
Merrie Elizabeth Mall, Columbus  
Timothy Lee Mann, Delaware  
Nanette Cynthia Marein,  
University Heights

Laura Jean Margolis, Lorain  
Susan Lynn Marks, Akron  
Steven Allen Marquis, Marion  
Karen Elizabeth Marsfelder, Canton  
Dana Michael Marshall, Westerville  
Ronnie Dale Marshall, Columbus  
Cheryl Kay Martin, Columbus  
Barbara Kay Martz, Bluffton  
Marilyn Joyce Marx, Columbus  
Glen Mason, Rahway, N. J.  
Thomas Paul Matlock, Kettering

Donna Shigeo Matsumura, Lakewood  
Linda Marie Maty, Youngstown  
Bonnie Rader Maus, Harrod  
Ronald Paul Mautz, Zanesville  
Daniel Michael Mayton, II, Hudson  
Bonnie Lee McBrayer, Hilliard  
Paula Donnette McCarney,  
Brook Park

Patrick James McCarren, Columbus  
Yvonne Marie McCarthy, Canton  
Patti Mae McCleery, Richmond  
Karen Hundley McClincey, Eldorado  
Dawn Ann McComas, Sandusky  
Karen Louise McCoy, Wooster  
Peggy Kaye McCreary, Columbus  
Lucinda Marie McCune, Kenton  
Mary Helen Thornton McCurdy,  
Columbus

Elizabeth Louise McDonald, Columbus  
Linda Sue McElroy, Newark  
Benjamin Lee McGee, Youngstown  
Edgar Allen McGee, Columbus  
Beverly Jean McGlaun, Dillonvale  
Rebecca Wheeler McGown, Columbus  
Denise Lynn McGrath, Heath  
James Carlos McGuire, Marion  
\*Mary Evelyn McKee, Springboro  
Ronald Edward McKenzie, Newark  
William Ian McKenzie,  
Windsor, Ont., Canada

Carolyn Frances McNabb, Columbus  
Eddie Steven McNeely, Mansfield  
Debra Louise McSorley,  
Shaker Heights

Paula Elizabeth Mead, Youngstown  
Kathy Jo Meinke, Cincinnati  
Marilyn Deborah Mendel,  
Shaker Heights

Irene Baum Mesnick, Cleveland  
Rebecca Griffith Metzger, Shelby  
Virginia Lee Meyer, Columbus  
Cathleen Rose Miller,  
Farmingdale, N. Y.

Ellen Debra Miller, Canton  
Gwenyth Weller Miller, Richwood  
Josephine Kotch Miller, Scio  
Lynn Carol Miller, Plainfield, N. J.  
Rebecca Hover Miller, Columbus  
Mary Romstadt Mills, Sylvania  
Penney Anne Milner, Columbus  
Deborah Susan Minster, Akron  
Mark Alan Mintz, Beachwood  
Joan Renee Mishkind, Shaker Heights  
Nancy Louise Modic, Cleveland  
Deborah Ann Moles, West Islip, N. Y.  
Mary Ann Mollenkamp, Toledo  
Thomas Edward Moloney, Mansfield  
Margaret Ann Monchak, Brook Park

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences

Ann Louise Monn, Shelby  
Jeffrey Stephen Monroe, Oberlin  
Stephanie Ann Moore, Newark  
Lisa Anne Moranz, Youngstown  
Margaret Gertrude Morris,

West Jefferson

Elaine Furniss Morton, Waldo  
Brenda Jo Mott, Troy  
Janet Suzanne Motter, Rawson  
Linda Kay Mourer, Fairborn  
John Bruce Mower, II, Columbus  
B.A.

Sharon Schiefer Mueller, Bucyrus  
Raymond Wayne Mulrooney,  
Lancaster

Karl Losse Mulvaney,  
Indianapolis, Ind.

Kathleen Cassady Munday, Berea  
Calvin Everett Mundt, Heath  
Patricia Smith Murphy, Columbus  
Alan Paul Mustard, New Concord  
Kathleen Mustard,

Warrensville Heights

Kathy Jean Muzic, Seven Hills  
Christina Schaffer Myers, Columbus  
Patricia Ann Myers, Chicago, Ill.  
Margaret Ann Nakagawa, Columbus  
Joanne Joy Nardone, Columbus  
Robert Frederick Nash, Columbus  
Anne Victoria Neff, Cleveland  
Marlene Landau Neiman,  
Shaker Heights

Cary Dean Neptune, Wellington

\*David Max Neubauer, Columbus  
Robert Charles New, Marion  
Dorothy Stewart Newbill, Willard  
Lorraine Maureen Newell, Cleveland

Karen Gall Newland, Heath

Bonnie Kay Nicholls, Galion

Dorie Ellen Niewood, Plainview, N. Y.

Barbara Skaggs Nigh, Bucyrus

\*James Alan Norris, Columbus

Kathleen Sargeant Norris,  
Monroeville

John Charles Norton, Warren

Sherrie Suzanne Nusbaum,  
University Heights

Margaret Anne Nusbaum,  
New Philadelphia

Alexandria Wiadyka Nyzen, Jefferson

Kathleen Marie O'Brien, Columbus

Gwendolyn Lee O'Guin, Uhrichsville

Deborah Ann Olinger, Wilmington

Marilyn Clark O'Neal, Columbus

Vincent Edward Opelt, Columbus

Elyse Carol Oppenheim, Beachwood

Frauces Bidinger Orshorn, Mansfield

Jan Lee Osborn, Belmore

Wanda Jean Owen, Parma

†Michele Marie Owens, Alliance  
John Palmer, Philadelphia, Pa.  
Jean Shaw Panek, Amherst, N. Y.  
Dennis Drew Pappas,  
North Ridgeville

Ann Cecelia Parrish, Columbus

Susan Lynn Patterson, Zanesville

Robert Emory Pattison, IV, Columbus

Nancy Buck Paul, Columbus

Barbara Ann Peiffer, Piqua

Jilda Anne Pennington, Lima

Hazel Emma Pepke, North Royalton

Charles Frederick Pepple, Sr.,  
Wapakoneta

Marlene Ellen Perlman, Canton

Ruth Miley Peters, Marion

Karen Elizabeth Pettus, Marysville

Pamela Lambecke Petty, Wilmington

Ruby Lee Petty, Mansfield

Judith Ann Pfeffer, Newark

Audrey Jean Pfeifer, Mansfield

Patricia Ustick Pfeiffer, Columbus

Pamela Jeanne Phalen, Glouster

John Thomas Phelps, II, Zanesville

Kathryn Ann Phillips, Lima

Linda Lou Phillips, Rocky River

Susan Elizabeth Phillips, Columbus

Patricia Ann Piacentino, Marion

Molly Kathleen Pickard,  
North Canton

Dan Reed Pickens, Columbus

Thomas Wayne Pieratt, Lewisburg

Melissa Geil Pintar, Miami, Fla.

Constance Brink Pivetta, Columbus

Thomas Carroll Place, Lima

Barry Allen Pluta,  
North Ridgeville

Stephen David Plymale, Hilliard

Michelle Marie Pocs, Fredericktown

John Thomas Poling, Marysville

Suzanne Jo Polisner, Cleveland

Pamela Dee Polk, Pittsburgh, Pa.

Carol Jean Poppe, New Bremen

Sheryl Ann Porterfield, Independence

Melinda Sue Potts, Lancaster

Dorothea Poulos, New Bedford, Mass.

Karen Tinker Poulton, Jackson

Melanie Diane Pratt, Columbus

Philip Melvin Prentice,  
North Lawrence

Linda Rae Probasco, Zanesville

Rhoda Staples Prout, Canton

Daria Smith Pruitt, Columbus

Shirley Reiser Puianno, Mansfield

Helen Sinclair Quinn, Cleveland

Joselle Rado, Cleveland

Raymond Carl Raduege, Jr.,  
Columbus

Jack Lynn Raidiger, Columbus  
Sheila Sue Rakusin,  
Cleveland Heights

Ofelia Domingo Ramirez, Bucyrus

Kathleen Ann Ramsey, Ashland

Donald Lee Randall, Mansfield

Nicki Lee Randolph, Salineville

Sammy Leo Raptis, Cambridge

Laura Nadine Rayburn, Lima

Laurie Ellen Razen,  
East Paterson, N. J.

Mary Loretta Recker, Ottawa

Craig Schrock Redett, Columbus

William John Reed, Detroit, Mich.

Linda Leffingwell Rehnert,  
Grove City

Beatrice Ann Reichardt,  
Liverpool, N. Y.

Stephen Charles Reichley, Thornville

Terri Reisman, Bayside, N. Y.

Barbara Sue Reynolds, Fairborn

Martha Fran Reznick, Beachwood

Carmenceta Elaine Richardson, Anna

Sheila Gene Richison, Columbus

Michele Ann Richter, Thornville

Sandra Lucille Ridenour, Dayton

Deborah Kay Riedmiller, Columbus

Richard Charles Rippel, Dover

Gretchen Schneider Risch, Columbus

B.S. (Capital University); M.S.

Jodie Mizisin Risolvato, Parma

Regina Ann Ritz, Cleveland

Connie Kohler Roberts, Columbus

Paula Sue Roberts, Columbus

Karen Kanter Robins, Columbus

Cynthia Lea Robinson, Newton Falls

Joseph Michael Roche,  
Barrington, R. I.

Sharon Sue Roche, Columbus

Louetta Jean Inscore Rock, Mansfield

Leonard Warren Rockey, Columbus

Rebecca Winner Roetgerman, Osgood

Jean Roettger, St. Marys

Dow Albert Rogers, Jr., Columbus

Lois Marie Rohrer, Orrville

Virginia Pauline Rosvick,  
Plainfield, N. J.

Helene Marilyn Rollins,  
University Heights

Barbara Alice Romoser, Euclid

Phyllis Bernstein Rosen, Columbus

Sharon Rosen, Aliquippa, Pa.

\*Jerome Howard Rosenberg,  
Cleveland

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences

† Also Certificate of Graduate Dental Hygienist,  
College of Dentistry

Marsha Blum Rosenberg,  
 University Heights  
 Ira Jay Rosenstein, New York, N. Y.  
 Christine Caldwell Rosier, Columbus  
 Janet Monnett Roth, Columbus  
 Neil Howard Rothschild,  
 Shaker Heights  
 Jane Milburn Roush, Etna  
 Susan Barbara Rubin,  
 Williamsville, N. Y.  
 William Rubinstein, Miami, Fla.  
 Richard Lee Ruch, Sylvania  
 Mary Luemer Rumfield, Mt. Vernon  
 Carol Jean Russell, Parma  
 Charlotte Russell, Columbus  
 Mary Jane Russell, Gallipolis  
 Steven Neal Russell,  
 Bedford Heights  
 Mary Waggener Sabatino, Columbus  
 Amy Louise Sabroske, Findlay  
 Richard Allen Sachs, Queens, N. Y.  
 Karen Jones Saffle, Columbus  
 Carol Ann Salisbury, New Vienna  
 Linda Lou Salvati, Crestline  
 Elena Rose Sanchirico, Stow  
 Jeffrey Kimmell Sanders, Rocky River  
 \*Janet Wagner Sandor, Mansfield  
 Marjorie Lucille Sanger, Orwell  
 Peggy Avery Sattelmeyer, Dayton  
 Clare Webb Schaefer, Columbus  
 Francine Michele Schatzberg,  
 Lyndbrook, N. Y.  
 Mary Ann Schaufert, Lancaster, Pa.  
 Sonia Schechtman, Hamilton  
 Ronald Eugene Schilb, Dayton  
 Janet Louise Schild, Akron  
 Diane Marie Schlatter, Youngstown  
 Joanne Arline Schlessman, Milan  
 Virginia Cleveland Schmelzter,  
 Twinsburg  
 Dale Allen Schmidt, St. Marys  
 Emily Rose Schmieder, Columbus  
 Kendra Jean Schnelle, Minster  
 Jo Ann Schrader, Lebanon  
 Michael Lee Schrock, Smithville  
 Georgiana Keller Schroer, St. Marys  
 LaDonna Marlene Schultz, Delaware  
 Larry Eugene Schultz, Archbold  
 Sharon Heidlebaugh Schwarzwalder,  
 Shreve  
 Joseph Benedict Sciuilli, Lorain  
 Jack Eugene Scott, Mt. Vernon  
 Judith Lynn Scott, Columbus  
 Mildred Degley Seigfreid, Greenwich  
 Thomas Edmond Seipel, Columbus  
 Cheryl Glenn Seitz, Green Camp  
 Stephen Arthur Self,  
 Washington C. H.

Sherry Rebecca Selzer, Passaic, N. J.  
 Mary Margaret Setcavage,  
 West Jefferson  
 Jane Christine Settles,  
 Middletown, N. J.  
 Ida Harper Sewell, Columbus  
 Judith Ann Shade, Garfield Heights  
 Kathy Jo Shahan, Greenville  
 Phyllis Smith Shaner, Columbus  
 Nancy Carol Shaw, Marysville  
 Paula Jean Sheidier, Green Springs  
 Susan Kay Shepherd, Rockford, Ill.  
 Allen Lawrence Sherer,  
 North Robinson  
 Jean Phillips Sherer, Tiro  
 Justine Sherwood, Wooster  
 Cynthia Jane Shilt, Dayton  
 Patricia Jean Shipp, Mansfield  
 Linda Bayly Shively, Columbus Grove  
 Susan Joanne Shively, Louisville, Ky.  
 Gary Dee Shoemaker, London  
 Jeffrey Charles Shough, Columbus  
 Sandra Lynn Shoup, Lima  
 Martha Jane Sido, Toledo  
 Sandra Leslie Siegall, Miami, Fla.  
 Evelyn Siegel, Red Bank, N. J.  
 Jerome Les Siegel, Cleveland Heights  
 Penny Lee Siegel, Glencoe, Ill.  
 Teresa Anne Sieren, Toledo  
 Carol Sue Silbert, Massapequa, N. Y.  
 Audrey Lynne Silverman,  
 South Euclid  
 Barbara Ann Silverman,  
 Lincolnwood, Ill.  
 Janis Lynne Simon, Southfield, Mich.  
 Ronald Grayson Skelton, Canton  
 Gregory Lynn Skidmore, Belle Center  
 Barbara Helene Skolnick,  
 Westbury, N. Y.  
 Cindy Lane Skufca, Chesterland  
 Laurie Beth Slavin, Oceanside, N. Y.  
 Diane White Slawson, Van Wert  
 Sheryl Lynn Smilan, Lima  
 Alice Osun Smith, Kenton  
 Ann Hinterschied Smith, Columbus  
 Bruce Edward Smith, Columbus  
 Dennis Arland Smith, Asheville  
 Glenn Kirk Smith, Jr., Powell  
 B.S.  
 Janette Ellen Smith,  
 Colorado Springs, Colo.  
 Linda Smock Smith, New Lexington  
 Margaret Ellen Smith, Columbus  
 Margaret Lynn Smith, Kenton  
 Sharon Frances Smith, Westville  
 Jo Ann Hedding Snedegar, Columbus  
 Marla Vogelaeer Snider,  
 Fairview Park

Jan Hume Snyder, London  
 Corey Michael Soldano,  
 North Olmsted  
 Roger Ralph Solt, Columbus  
 Bernadine Ann Soltis, Toledo  
 Judith Ann Sonntag, Columbus  
 Tonia Alexander Souder, Columbus  
 John William Sowry, Dorset  
 \*Spiros George Spantithos, Columbus  
 Paula Ann Spar, Ada  
 Stephen Alan Speece, Berlin Center  
 Nancy Spletzer, Bryan  
 Phyllis Wentz Spohn, Glenford  
 Mary Jane Spooner, Cincinnati  
 Brenda Joyce Springer, Plymouth  
 Frances Ann Sprouse, Gahanna  
 Linda Feasel Spurgeon, New Albany  
 Nancy Heck Staley, Columbus  
 Kathy Joy Stamer, Cleveland  
 Wanda Kay Stamps, Columbus  
 Julio Ann Stark, Crestline  
 Alan Gary Starkoff, Pepper Pike  
 Teri Danaceau Starkoff,  
 Shaker Heights  
 Carolyn Lavell Starnes, Mansfield  
 Diane Susan Stein, West Orange, N. J.  
 Karen Sue Steinbrook, Columbus  
 Traci Katherine Steinebrey, Mansfield  
 Deborah Jean Steinecker, St. Marys  
 Robert Walter Stephens, Cleveland  
 Sheryl Lynn Stephens, Dayton  
 Lee Marr Sternberg, Akron  
 Geneva Brewer Stewart, Columbus  
 Janet Anne Stires, Maumee  
 Susan Anne Stires, Canton  
 Marcelyn Irene Stobbs, Dillonvale  
 Wendy Lee Stoltz, University Heights  
 Deborah Lee Stone, South Euclid  
 Robert Warren Stone, Beachwood  
 Shirley Ross Stormann, Lima  
 Connie Lee Strawser, Columbus  
 Phillip Samuel Strickland, Cincinnati  
 Lewis Strobel, Jr., Worthington  
 B.S.Agr.  
 Katherine Wenger Stutz, Columbus  
 Joyce Alayne Sullivan,  
 South Charleston  
 Michele Lee Sullivan, Maumee  
 Edrea Holly Summers, South Euclid  
 Mary Lois Swoboda, Columbus  
 Wendy Lynn Syrkin,  
 Woodbridge, Conn.  
 Daniel Mark Szente, North Ridgeville  
 Linda Susan Tamburrelli,  
 Huntington, N. Y.

\* Also Bachelor of Arts,  
 Colleges of the Arts and Sciences

Katherine Pfeiffer Tatman, Columbus  
 Robert Taylor, Parma  
 Carl Edward Teagardner, Jr.,  
 Columbus  
 Sandra Lee Teeter, Rome, Ga.  
 Linda Sue Teeter, Marion  
 James Albert Tesno, Dayton  
 William Anthony Testa, Kent  
 †Danah Lee Testerman, Lebanon  
 Andrew Steven Thalf, Columbus  
 Michael Edward Thaman, Lima  
 Antoinette Mary Thomas, Lorain  
 Kathryn Pauline Thomas, Columbus  
 Thomas Michael Thomas, Clayton  
 Barbara Jo Thompson, Parma  
 Gail Lynn Thompson, Columbus  
 Pamela Cutter Thompson, Columbus  
 Margaret Ann Thoms, Vermilion  
 Iona Ann Timko, Hubbard  
 Lee Timmerman, Maumee  
 Sharon Moyer Tipton, Mt. Vernon  
 David Lee Todd, Columbus  
 Terry Edward Todd, Cincinnati  
 Sandra Lee Tosca, Ashville  
 Leslie Friend Treleaven, Amherst  
 Thomas Lloyd Treleaven, Medina  
 Mary Elizabeth Trovato, Columbus  
 Terri Ann Trowbridge, Columbus  
 Gregory Steve Trutza, Seven Hills  
 Linda Kay Tucker, Belpre  
 Nancy Carol Tullis, South Vienna  
 Pauline Ann Tully, Cuyahoga Falls  
 Laurence Arnold Turbow,  
 University Heights  
 James William Turner, Columbus  
 Tanya McCormish Turner, Columbus  
 Pamela Sue Turney, Nevada  
 Judith Rosebrook Tuttle, Lakeview  
 Judy Tedrick Tweedy, Columbus  
 Thomas Gerard Tyrowicz, Columbus  
 Sue Uhrig, Springfield  
 Roberta Uscher, Westbury, N. Y.  
 Milan Vecanski, Harrisburg, Pa.  
 Sharon Isabel Vermillion, Newark  
 Dorothy Muskoff Villard, Columbus  
 Nancy Cooke Vincent, Columbus  
 Linda Sue Vinocur, Beachwood  
 Norma Feathers Violet, Delphos  
 Kenneth Edward Vlasak, Seven Hills  
 Nancy Jeanne Vogler, South Euclid  
 Dorothy Edna Vonder Embse, Kalida  
 Susan Woodie VonGruenigen,  
 Columbus  
 Patricia Louise Waddell, Cleveland  
 Lynne Shover Wake, Columbus  
 Stephen Edward Walker,  
 West Chester  
 Ann Elizabeth Wallace, Norwalk  
 Debra Sue Wallick, Columbus

Mary Ann Walter, Westerville  
 Joseph Lee Walters, Felicity  
 Vickie Rackliff Walters, Felicity  
 Holly Anne Wambach, Cincinnati  
 Melvin LeRoy Ward, Mansfield  
 Jane Ann Warner, Akron  
 Noreen Lynn Warnock, Lima  
 Barbara Jean Waters, St. Clairsville  
 David Rush Watkins, Rushsylvania  
 Dianne Boehm Weaver, Columbus  
 William Clifford Weeks, III, Columbus  
 Shirley Margaret Weinberg,  
 Martins Ferry  
 Anne Florence Weinheimer, Columbus  
 Wendy Jane Weinstein,  
 Great Neck, N. Y.  
 Mary Ellen Weiss, Hamilton  
 Melissa Lauri Weiss, Wooster  
 Martha Lewis Welch, Berwyn, Pa.  
 Beth Ann Wells, Utica  
 Katharine Marie Wells, Kenton  
 Howard Emmett Welt, Jr.,  
 Ogdensburg, N. Y.  
 B.A.  
 Karen Jane Werner, Cincinnati  
 Norma Gunning West, Lima  
 Douglas Alan Wetzel, Greenville  
 Kathryn Arlene Wharton, Blacklick  
 Lowell Dean Whitaker, Coshocton  
 Mary Frances Whitaker, London  
 Evelyn Elinor White, Columbus  
 Patricia Ann White, Columbus  
 Francine Beth Whitman, Beachwood  
 Dorothy Shambarger Widman,  
 Columbus  
 Vicki Lynn Wieder, Cleveland  
 Susie Ungerer Wiegand, Mansfield  
 George Douglas Wilcox, Willard  
 Karen Blair Wiles, Columbus  
 Joyce Renee Wilkin, Bellville  
 Cassandra Edna Williams, Dennison  
 Cynthia Jean Williams, Mansfield  
 Joann Ruth Lanker Williams,  
 Lexington  
 Lora Lee Williams, Toledo  
 Margaret Jane Williams, Wilmington  
 †Mary Patrice Williams, Worthington  
 Regina Ann Willis, Cleveland  
 Diane Sue Wilson, Findlay  
 Holland Scott Wilson, Lima  
 Joyce Kanable Wilson, Bucyrus  
 Stephen Mark Wilson, Dayton  
 Kaleen Pisel Wineinger, Lima  
 Diana Lynn Wintrow, Casstown  
 Frances Woideck, Brockstown  
 Sherrice Joyce Wolf, Cleveland Heights

Alfonzo Allen Newton Woodford,  
 Columbus  
 Sandra Kay Woodruff, Albany  
 Martha Kaschube Woods, New Albany  
 Sharon Vance Woodward, Columbus  
 George Worthley, III, Columbus  
 John Richard Wulphorst, Delphos  
 Elizabeth Link Wurm, Westerville  
 Thomas Eugene Wylie, Columbus  
 Nan McCombs Yeoman, Columbus  
 Yvonne Rae Yerak, Willoughby  
 Wallace Wendell Yost, Mt. Pleasant  
 Patricia Ann Young, Ashland  
 Patricia Little Young, Columbus  
 Vivian Stark Young,  
 East Lansing, Mich.  
 Joan Benham Yount, Pleasant Hill  
 Holly Yulish, Cleveland  
 †Susan Ann Yung, Beachwood  
 Maxine Lee Zackheim, Buffalo, N. Y.  
 Stephen Edward Zarlengo, Wooster  
 Patricia Zartman, Columbus  
 Connie Marie Zehner, Loudonville  
 Larry Douglas Zimmerman,  
 Christiansburg  
 Rosemarie Zouhary, Toledo  
 Linda Susan Zurakowski, Apple Creek  
 David Joseph Zwiebel, Wapakoneta

**Bachelor of Art Education  
 Offered jointly by the  
 College of The Arts and the  
 College of Education**

Twenty-seven candidates

©Dannie Pembroke Adkins,  
 Kettlersville  
 Mariann Darling Ballenger,  
 Westerville  
 Drema Ann Campbell, Cleveland  
 Douglas Richard Carpenter, Novelty  
 B.F.A.  
 Carolyn Joy Cohen, New York, N. Y.  
 Renee Lynn Crystal, South Euclid  
 Gail Beth Dym, Sands Point, N. Y.  
 Catherine Jane Ford, Worthington  
 Elaine House Gilbert, Dayton  
 Laura Ann Hirsch, Cincinnati  
 Joel Robert Hurst, Columbus  
 B.F.A. (Miami University)  
 Susan Barbra Katz, Fremont  
 Karen Ann Killian,  
 Arlington Heights, Ill.

† Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry  
 \* Also Bachelor of Fine Arts,  
 Colleges of the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

Bonnie Anne Kubasta, Cleveland  
Michael Lawrence Levin, Dayton  
Lynn Dee Lybeck, Bellville  
Louis Joseph Mavrich, Euclid  
Judy Harvey Pearson, Rushsylvania  
Cynthia Rose Raffo, Cincinnati  
Rita Davis Rosenbaum, Columbus  
Nancy Dianne Sheldon,  
Orchard Lake, Mich.  
Susan Olt Shumaker, Columbus  
Stanley Phillip Snouffer,  
Worthington, B.F.A.

Okey Jennings Tolley, Jr., Columbus  
Margo Kay Vajen, Napoleon  
Mary Elizabeth Weiler, Polk  
Thomas Allen Wyroba, Miami, Fla.

### **Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education**

Thirty candidates

Thomas Arthur Allen, Cambridge  
Roger Glenn Bemis, Lorain  
Cynthia Lee Blouch, Rocky River  
Linda Dianne Bowman, Columbus  
Robert Alan Cochran, Van Wert  
Thomas Harold Cook, Lima  
David William Curtiss, Columbus  
\*John Jay Evans, Elida  
Beverly Alice Flagg, North Olmsted  
Ellen Louise Ford, Washington C.H.  
James Allen Frazier, Columbus  
Floyd Ray Hendricks, Winterville  
Catherine Louise Henson, Columbus  
Dennis Richard Herner, Bellevue  
Sarah Elizabeth Hockman,  
Canal Winchester  
David Eugene Howard,  
North Olmsted  
Patricia Carol Iagulli, Youngstown  
Jeffrey Charles Keller, Prospect  
Vickie Lynn Nau, Columbus  
Josephine Ann Popolillo, Ward, Pa.  
Susan Yvonne Prince, Columbus  
Thomas Dwight Richards, Springfield  
Leslie Ann Sandrew, Lorain  
Brian Keith Saunders, Parma  
Sallie Loretta Teacher, Cleveland  
Maureen Kennedy Terry, Columbus  
Rebecca Ann Tryon,  
North Lawrence  
Carol Ann Williams, Holden, W. Va.  
Marian Melissa Williams, Waverly  
David Eugene Wolford, Clayton

### **Bachelor of Aeronautical and Astronautical Engineering**

Two candidates

John Everett Barrett, Columbus  
Randall Peck Stotts, Waynesfield

### **Bachelor of Science in Aeronautical and Astronautical Engineering**

Thirty-two candidates

Paul Woodland Alexander, Columbus  
Neil William Anderson,  
Midland, Mich.  
Robert Edward Anderson, Chillicothe  
Steven Craig Boehmer, Columbus  
Raymond Walter Brow, Jr., Euclid  
Creighton Thomas Bulea, Amherst  
William Loren Cantor, Columbus  
\*\*Randy Wayne Dipner, Worthington  
William Roger Donberg, Avon  
Richard Lynn Edinger, Bluffton  
Steven Lee Ellis, Willowick  
David Paul Endres, Columbus  
Peggy Lou Evanich, Minerva  
Royce Shed Few, Dayton  
Jeffrey S. Finton, Findlay  
Edward Lynn Grau, Sunbury  
Randall John Harabin, Independence  
John Frederick Hermack, Emerson  
Felix Manuel Huertas, Columbus  
Charles Theodore Kitzmiller,  
Columbus  
Timothy K. Layman,  
Altamonte Springs, Fla.  
Randolph Eric Maier, Columbus  
Thomas William Marquart, Sandusky  
Richard Thomas Morrison, Columbus  
Steven Michael Page, Columbus  
Larry James Reed, Barnesville  
John Hamilton Richardson, Lisbon  
Dale Michael Swiatek,  
Garfield Heights  
George Edward Theobald, Cincinnati  
Joseph John Wagner, Columbus  
Henry Wolowicz, Perth Amboy, N. J.  
Robert Alan Woodward, Howard

### **Bachelor of Science in Agricultural Engineering**

Two candidates

Donald Wayne Demorest, Waldo  
James Perry Surber, Hillsboro

### **Bachelor of Ceramic Engineering**

Three candidates

Steven Dean Clapham, Worthington  
Adam Gray Holterhoff, Jr.,  
Cincinnati  
James Virgil Shivers, Columbus

### **Bachelor of Science in Ceramic Engineering**

Five candidates

Ren Lewis Babcock, Columbus  
Joseph Michael Baranski,  
Cedar Knolls, N. J.  
Charles Gerald Bigler, Columbus  
Robert Alan Jaynes, Dundee, Ill.  
Rodney Lee Ward, Columbus

### **Bachelor of Chemical Engineering**

Nine candidates

Jerome Frederic Beekman, Columbus  
Thomas P. Cribbs, III, Apollo, Pa.  
Aaron Leroy Goodman, Wapakoneta  
Gary Ernest Hoam, Mt. Gilead  
Gary Lee Lukat, Euclid  
John Robert Raabe, Delphos  
Thomas Joseph Rusnak, Parma  
Dennis Dunbar Terry, Nashua, N. H.  
John Adam Thomas, Diamond

### **Bachelor of Science in Chemical Engineering**

Twenty candidates

Mark Edward Buffington, Findlay  
Lawrence Gerard Carns, Strongsville  
Harold Nicholas Conkle, Columbus  
Gustavo Adolfo Correa,  
Medellin, Colombia  
Richard Andrew Cree, Rocky River  
Charles Bernard Ernst, Fort Loramie  
James David Fleshman,  
Salisbury, Rhodesia  
Donald Jay Goldhardt, Grove City  
Philip Thomas Hines, Jr.,  
Broadview Heights  
Howard James Johnson, Shadyside  
William Eric Johnson, Dayton

\* Also Bachelor of Music,  
Colleges of the Arts and Sciences

\*\* Also Bachelor of Science in Computer and  
Information Science, College of Engineering

Edwin Pope Kawasaki, II,  
Broadview Heights  
Edward Keith King, Columbus  
William Charles Leopold,  
Franklin Lakes, N. J.  
Hubert Merle Litt, Mt. Vernon  
David Glenn McCluskey, Scio  
Michael Allen Neibler, Columbus  
Linda Marie Orth, North Canton  
James Paul Russell, Columbus  
Joe Dale Wornstaff, Columbus

**Bachelor of Civil Engineering**

Three candidates

Bruce Alan Claugus, Barnesville  
Roger Wayne Ketcham, Lima  
\*Richard Steven Sacks, Columbus

**Bachelor of Science in Civil Engineering**

Thirty-six candidates

Tomas Arturo Aguilera, Dayton  
Joel Wonderley Allen, Columbus  
Ronald Lee Ames, Sycamore  
Mitchell Wade Becker,  
Rutherford, N. J.  
Richard Clark Bryant, Columbus  
Gary Duane Daugherty, Wooster  
Mark Ledden Eisenman, Dennison  
James Lewis Henry, Columbus  
Charles Theodore Koerner, Columbus  
Marc Robert Kritzer,  
University Heights  
Edward Earl Litt, Fredericktown  
Michael Stephen Luther, Columbus  
Thomas Alan Lyon, Ravenna  
Michael Peter Makuley, Columbus  
Mark Jay Maxwell, Brunswick  
James Edward McQuirt,  
Mechanicsburg  
Kenneth John Meyer, Fort Jennings  
James Richard Murphy, II, Wooster  
Gary Joseph Nettler, Columbus  
Edward Charles Perara,  
Livingston, N. J.  
Farhad Pezeshkan, Columbus  
David Charles Phillips, Greenfield  
Lee Allen Pierce, Columbus  
Richard Alan Renneker, Hamilton  
Dennis Eugene Royer, Massillon  
Ronald Dean Ryan, Martinsburg  
David Dean Schuetz, Parma

Stephen Jeffrey Semple, Columbus  
David Lee Stevenson, Mansfield  
John Andrew Strok, Bedford  
Jeffrey Paul Toussant, Alliance  
Richard Douglas Weikel,  
North Canton  
Stephen Jeffrey Welk,  
Grand Island, Neb.  
James Charles Widman, Norwalk  
Frederick Gilbert Wiegand,  
Mansfield  
Robert Calvert Yoxthimer, Columbus

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

Nineteen candidates

Dennis Patrick Bergfeld, Lima  
Bernard Sheldon Charnas,  
Mayfield Heights  
Eddie Kai Fuen Chin, Columbus  
B.S. (University of Illinois)  
\*\*Randy Wayne Dipner, Worthington  
Ray Thomas Dove, Akron  
Danny Joseph Gibbs, Circleville  
Samuel Dee Hunsaker, Lima  
\*\*\*Forest Robert Jacobs,  
Louisville, Ky.  
Robert Alan Jacobs, Shaker Heights  
Chi Fung Lam, Hong Kong  
John Bobb McDowell, Akron  
Fred Steven Muskat, Columbus  
Susan Lee Pansing, Kettering  
James Eric Petticrew, New Carlisle  
Joseph Howard Shearer, Tipp City  
William Clyde Stockum, Coshocton  
Charles Dewey Tabor, III, Jackson  
John Lawrence Thomas, Columbus  
Anton William Uselis,  
Mayfield Heights

**Bachelor of Electrical Engineering**

Thirteen candidates

\*Charles David Becher,  
Louisville, Ky.  
\*Benjamin Wilson Berry,  
Millville, N. J.  
Amin Farid Bishara, Columbus  
Richard Gale Herd, Plain City  
\*Roger Ellis Kusoski, Columbus  
Sam Shu Fu Law, Toledo  
\*Doane Wing Lee, Columbus

David Edward Orin, McDermott  
\*Mark Alan Robb, Hinckley  
\*David Leslie Sampson, Columbus  
James Stanley Sneary, Columbus  
Homer Stephen Taylor, Columbus  
Scott Alan Wilkins, Sandusky

**Bachelor of Science in Electrical Engineering**

Tewnty-eight candidates

Robert Thomas Abt, Doylestown  
Stephen Dennis Arling, Bellbrook  
James Howard Batey, Westerville  
Mark William Bendig, Shaker Heights  
Dale Hilliard Brown, Columbus  
Bruce Frederick Carlton,  
North Olmsted  
Robert Michael Cram, Cuyahoga Falls  
Gregory John Cyran, Lorain  
William Lee DeMars, Toledo  
Robert Raabe Diekson, Columbus  
Richard August Eskuchen,  
Maple Shade, N. J.  
Ronald A. Gasser, Rittman  
William Henry Hitchcock,  
Columbia Station  
John Joseph Houston, Columbus  
Kenneth Alan Javor, Lorain  
Randall Eugene Karl, Crestline  
Alden Bayard Oakes, II, Columbus  
Donald E. Ortman, Thornville  
Thomas Johnson Page, Jr., Groveport  
Eugene Reeves Salby, II, Columbus  
James Lawrence Sanford, Cincinnati  
David Carl Shulteis, Columbus  
Gregory Stepp, Twinsburg  
Douglas Fox Tomlinson, Columbus  
William Raymond Twardy, Columbus  
Vandai Vo, Danang, South Viet Nam  
Charles Allen Waugh, Columbus  
Gary Lee Werner, Westerville

**Bachelor of Science in Engineering Physics**

Six candidates

John Michael Burke, Portsmouth  
Joyce Elizabeth Camping, Dayton  
James Russell Crabtree, Pataskala

\* Also Master of Science, Graduate School  
\*\* Also Bachelor of Science in Aeronautical and Astronautical Engineering, College of Engineering  
\*\*\* Also Bachelor of Science in Industrial Engineering, College of Engineering

David Joseph Malicki,  
McMechen, W. Va.  
James John Russell, Toledo  
Ihor George Zubal, Lorain

### **Bachelor of Science in Industrial Engineering**

Twenty candidates

Daniel Joseph Bagi, Trotwood  
Richard John Bevington, Sandusky  
Bruce Eldon Bogart, Westerville  
Larry Charles Butterbaugh, Fairborn  
Lewis Wyatt Franklin, Cincinnati  
John Timothy Goode, Mansfield  
David Louis Groeber, Mechanicsburg  
\*\*\*Forest Robert Jacobs,  
Louisville, Ky.

Sandor Kadish, Shaker Heights  
Mark Frederick Keller, Newark  
Victor Edwin Kratzer, Kettering  
James Mitchell Levine,  
University Heights  
Richard Donald Mager, Shadyside  
John Skelding McGara, Toledo  
Paul Brian McMahan, LaRue  
Randy Paul Oates, Columbus  
James Ronald Penrod, Columbus  
Jeffrey Curtis Pollard, Columbus  
Jeffrey Philip Powell, Portland, N. Y.  
Henry George Stein, Cleveland

### **Mechanical Engineer**

Two candidates

Ludwig Robert Glad, Reynoldsburg  
B.S.E.E. (University of Pittsburgh)  
Ralph Harold Hollenbacher, Sidney  
B.S.M.E.

### **Bachelor of Mechanical Engineering**

Four candidates

Thomas David Archer, Columbus  
George Lewis Diggles, Canfield  
Timothy Joseph Marker, Lima  
Thomas Nelson Treue, Dayton

### **Bachelor of Science in Mechanical Engineering**

Forty candidates

Roger Carl Ansted, Elmore  
Charles Michael Bayles, Galion  
Douglas Alan Bogart, Wapakoneta  
David Lawrence Boger, Akron  
Denny Lloyd Carroll, Elyria  
Terry Lee Cox, Kettering  
Kem Allen Deetz, Berea  
Darrell Anthony Emerick, Lorain  
James David Fisher, Columbus  
James Loren Fogg, Newark  
Richard Louis Hall, Springfield  
Mark Alling Hathaway,  
Sarasota, Fla.  
Robert Earl Hawley, Columbus  
Howard Hartley Horne, Cincinnati  
Mark Walter Hunter,  
Scottsdale, Ariz.  
Peter Marvin James, Warren  
Dan Russell Jarvis, Wellston  
David Leo King, Columbus  
Edward Eugene McCauley, Jr.,  
Columbus  
David Martin McKinnon, Bucyrus  
David Bruce Meredith,  
New Philadelphia  
Tommy Lee Miller, Cheshire  
Paul Ross Mingler, Columbus  
David Norris Mullenix, Grove City  
LeGrande David Myers, Zanesville  
Frank David Pallak, New City, N. Y.  
Joseph Albert Poeppelman, Yorkshire  
Phillip Wayne Rambo, New Lexington  
Rex Roberts, Mentor  
Vernon Joseph Sanborn, III, Mentor  
Lawrence Otto Schnipke, Delaware  
Robert Kurt Schwartz, Columbus  
Dale Leslie Smith, Latham  
Keith Layton Smith, Jr., Mentor  
Robert Dale Smith, Columbus  
Glen Edward Sweeney, Kettering  
James Jay Tangenberg,  
Cuyahoga Falls  
Gary Wayne Uhl, Columbus  
John David Waddell, Miamisburg  
Bernard Thomas Zuk, Columbus

### **Bachelor of Metallurgical Engineering**

Eight candidates

Nguyen Ngoc Bich,  
Saigon, South Viet Nam  
Richard Russell Daniel, Bradford

Le Khac Hien,  
Saigon, South Viet Nam  
Charles Michael Hofmann, Jr., Akron  
John Louis Michael, Columbus  
James Arthur Moore, Jr., Columbus  
Charles Raymond Morin, Jr.,  
Columbus  
Donald Ray Stickle, Columbus

### **Bachelor of Science in Metallurgical Engineering**

Eight candidates

Thomas Jeffrey Croyle, Amherst  
Thomas Riley Heflin, Bedford Heights  
Stephen Douglas Joosten, Dayton  
Eugene Leo Liening, Yorkshire  
Ralph Everett Showman,  
Liberty Center  
Richard William Treharne, Xenia  
Paul Joseph Walsh, Willowick  
Gerald Robert Watson, Miamisburg

### **Bachelor of Welding Engineering**

Four candidates

Philip Doyle Flenner, Columbus  
John McDanell Sanders, Cincinnati  
Kenneth Barry Thompson, Columbus  
\*Michael James Tomsic, Lockbourne

### **Bachelor of Science in Welding Engineering**

Two candidates

Michael Lee Killian, Hicksville  
Donald Lee Lynn, Columbus

### **School of Architecture**

### **Bachelor of Architecture**

Sixteen candidates

James Eric Calhoun, Columbus  
George Douglas Feltham, Columbus  
Melvin Dale Felty, Columbus  
Arden Errol Freeman, Newark

\* Also Master of Science, Graduate School  
\*\*\* Also Bachelor of Science in Computer and  
Information Science, College of Engineering

Don Edwin Gillmore, Columbus  
Claude Nelson Heacox, Newark  
John Franklyn Hedge, Jr.,  
Worthington  
Michael George Henning, Columbus  
Thomas Barry Jester, Columbus  
Michael Evan Jones, Columbus  
Charles Louis Krzysiak, Barberton  
Wesley Eugene Law, Delaware  
Larry Stanley Robinson, Columbus  
Bradley William Schiffer,  
Allentown, Pa.  
Bert Rene Urfer, Weehawken, N. J.  
John Clifton Urton, Harrisburg

#### **Bachelor of Science in Architecture**

Sixty candidates

Charles Banesi, Cleveland  
Joseph Arnold Barany, Jr.,  
Portsmouth  
Edward Bayer, Seven Hills  
Rodney Lewis Bechner, Mansfield  
Mary Catherine Betley, Columbus  
Richard John Bilesimo, Manor, Pa.  
Howard Gene Birnberg,  
Yonkers, N. Y.  
Kenneth Thorpe Bowen, Columbus  
Gregory Kenneth Brewer,  
Mountain Lake, N. J.  
William Michael Brown, Columbus  
Gordon Lynn Brubaker, Pitsburg  
Grace Taylor Crews, St. Louis, Mo.  
William Bruce Curtis, Xenia  
Robert Charles Cushman, Columbus  
Kevin Patrick Dougherty, Columbus  
James Preston Egnew, Columbus  
Kirk Henry Elder, Columbus  
John Craig Farber, Columbus  
Raymond Frederick Fenton,  
Columbus  
Claude Pierre Gentilhomme,  
Wellesley, Mass.  
Sheldon Robert Goldstine, Cleveland  
Thomas Willard Guinther, Bucyrus  
Lee Fairfax Harvey, Shaker Heights  
Thomas Raymond Hauck, Toledo  
John Fredrick Haupt, Aston, Pa.  
John Harold Heger, Toledo  
Steven Don Heintz, Sidney  
Gary Paul Hensler, Columbus  
Larry Allen Hill, Columbus  
James Eugene Hiss, Sandusky  
Stephen Harold Hucek, Columbus  
Gail Thomas Ignat, Perry  
Evalyn Jane Johnson, Greenville

Michael Charles Kerner,  
Westbury, N. Y.  
Steven Craig Kline, Merrick, N. Y.  
Stephen Lawrence Knowles,  
Columbus  
Harry Yair Koshet, Lorain  
Don Michael Krause, Columbus  
B.S. (Mount Union College)  
Julsing James Lamsam,  
Bangkok, Thailand  
Philemon Stout Lewis, Cleveland  
William Thomas Lewis,  
Garfield Heights  
A.B. (Columbia University)  
Gary Alan Loar, Columbus  
Michael Gary Lustig,  
Syracuse, N. Y.  
Judson Jay McIntire, Columbus  
Donald Carl Milechman,  
Pittsburgh, Pa.  
Theodore A. Mondzelewski,  
Folcroft, Pa.  
David Kay Monson, Radnor  
Donald Lee Ritenour, Jamestown  
Steven Paul Roberts, Columbus  
James Harry Schirtzinger, Columbus  
Donald Edward Schrade, Galloway  
Rick Alan Share, Columbus  
Joel Jay Snyder, Columbus  
Thomas John Spugnardi,  
Lewiston, Me.  
Eugene Mark Teringo, Warren  
John Anton Uhlir,  
Broadview Heights  
Frank James Verni,  
Springfield, N. Y.  
Edwin Darrell Wagers, Columbus  
Robert Paul Yasher, Columbus  
Jeffrey Louis Zucker, Snyder, N. Y.

#### **Bachelor of Landscape Architecture**

One candidate

Malcolm Douglas Cairns, Loveland

#### **Bachelor of Science in Landscape Architecture**

Nine candidates

David Edward Bassett, Lima  
William Lee Behnke, Willoughby  
Timothy Peter Brugeman, Columbus  
Craig Edward Cawrse, Solon  
Jeffrey Wayne Linkinhoker,  
Springfield

Albert Henry Parker, Chagrin Falls  
Frederick Edward Townsend,  
Columbus  
Richard Lee Wills, Orient  
Harold Richard Wovries, Tipp City  
B.S.Agr.

## College of Law

Dean: James C. Kirby, Jr.

### Juris Doctor

One hundred and fifty-three candidates

Allen Valloyd Adair, Mansfield  
A.B. (Brown University)

Jeffrey Ross Allen, Portsmouth  
B.A. (Ohio Wesleyan University)

Hugh Russell Anderson, Rocky River  
A.B. (Duke University)

Marcell Rose Anthony, Columbus  
A.B. (Ohio Dominican College)

Robert Paisley Armour, Toronto  
B.S.Agr.

Gregory Lawrence Ayers,  
St. Albans, W. Va.  
B.A. (Morris Harvey College)

John Richard Baird, Columbus  
B.A.

Charles Richard Barcus, Alliance  
B.S.Bus.Adm.

Suzan Barnes, Zanesville  
A.B. (Vassar College)

Charles Herbert Bean, Sardis  
A.B. (Ohio University)

John Parrish Beavers, Worthington  
B.A.

Linden Joe Beck, Vanlue  
B.A.

Michael Leo Bedell, Stow  
A.B. (John Carroll University)

John Jeffrey Bogniard, Ashland  
B.A. (Allegheny College)

Thomas Edward Boyle, Columbus  
B.S.Ed.

James Marion Broadstone, Dayton  
B.A.

Charles Leslie Burd, Chesapeake  
B.A.

Bruce Harper Cameron,  
Washington, D. C.  
B.A. (University of Maryland)

David Allen Cantlon, Columbus  
B.B.A. (University of Notre Dame)

Clair Myron Carlin, Youngstown  
B.S.Bus.Adm.

Larry Gray Cecil, Caldwell  
B.A.

Thomas Michael Christian, Lancaster  
A.B. (Ohio University)

David Michael Cohen, Canton  
B.S.Bus.Adm.

James Reynolds Cooper, Newark  
B.B.A. (University of Notre Dame)

John Frederick Copes, Springfield  
B.A. (Wittenberg University)

Gary James Crews, Pontiac, Mich.  
B.S. in Ed. (University of Michigan);  
M.B.A. (Xavier University)

Gary Lee Crosby, Van Wert  
B.M.E. (General Motors Institute)

John Bartlett Crosby, Cincinnati  
A.B. (Washington University)

King Kersten Culp, Galion  
B.A.

Alexander Brower Curchin, III,  
Mansfield  
B.A. (Denison University)

David Alan Dachner, Columbus  
B.A.

Bernard Robert Davis, Mansfield  
B.S. in Bus. (Miami University)

Craig Denmead, Columbus  
B.S.Bus.Adm.

John Philip Dewey, Clyde  
B.A. (Muskingum College)

Glenn George Duermann,  
Farmingdale, N. Y.  
B.A. (Wittenberg University)

Joseph Lawrence Emmrich, Cincinnati  
B.A. (University of Dayton)

Charlotte Coleman Eufinger,  
Milford Center  
B.A. (Miami University)

John Marshall Eufinger, Worthington  
B.A. (Ohio Wesleyan University)

Dafydd William Evans, Jr.,  
Cleveland Heights  
A.B. (Hillsdale College)

Richard Craig Farrin, Lakewood  
B.A. (Miami University)

Robert Michael Fertel,  
Shaker Heights  
B.A.

Lee Myron Finkel, Chicago, Ill.  
B.S. (University of Illinois)

Paul Andrew Folfas,  
Wheeling, W. Va.  
A.B. (West Virginia University)

Jeffrey Tice Folkert, Columbus  
B.A.

Michael Monroe Freda, Columbus  
B.S.Bus.Adm.

William Kagay Friend, Columbus  
B.B.A. (Ohio University)

Bernard Michael Frye, Hamilton  
B.S. in Aero Space E. (University of  
Cincinnati)

James Lawrence Fullin, Columbus  
B.A. (University of Notre Dame)

David Alan Gowdown, Brookville  
B.B.A. (Ohio University)

Thomas Henry Grace, Steubenville  
B.S. in Econ. (John Carroll  
University)

David Allen Gradwohl, Columbus  
B.A. (Muskingum College)

Michael Lewis Griffith, New Concord  
B.S.

Jeffrey Allan Halm, Sandusky  
B.A. (Denison University)

James Robert Hand, Newark  
B.A.

Michael Henry Haney, Xenia  
B.S.Pharm.

Lee Bolon Harris, Chicago, Ill.  
B.S. (University of Illinois)

Michael William Hartshorn,  
Lancaster  
B.S. (Xavier University)

David Everett Hathaway, Cincinnati  
B.S. in Bus. (Miami University)

Diane Duty Hathaway, Portsmouth  
B.S.Ed.

Margaret Sabina Henry, Columbus  
B.A.

James Michael Highsmith,  
Mt. Carmel, Ill.  
B.B.A. (Ohio University)

Raymond Edwin Hofmeister,  
Hicksville  
B.A. (Miami University)

James Edward Holland, Bay Village  
B.B.A. (Ohio University)

Robert Joseph Hopperton, Berea  
B.A. (Baldwin-Wallace College);  
M.B.A. (University of Toledo)

James Edward Hughes, Columbus  
A.B. (Harvard University)

William Edward Hunt, Cincinnati  
A.B. (Indiana University)

Jane Ellen Irving, Millersburg  
B.S. in Bus. Adm. (Bowling Green  
State University)

Douglas Steven Jauert, Wapakoneta  
B.A.

James Jay Johnson, Dearborn, Mich.  
B.A. (Michigan State University)

James Raymond Kapel, Akron  
B.A.

William Hill Keating, Columbus  
B.A.

Stephen Warren King, Piqua  
A.B. (University of Cincinnati)

William Lawrence Kovacs,  
Bethlehem, Pa.  
B.S. (University of Scranton)

Joseph Paul Kulik, Jr., Parma  
B.S. in Eng. (Purdue University)

Robert Alan Kumin, Shaker Heights  
B.S.Bus.Adm.

Thomas Harry Lagos, Springfield  
B.A. (Wittenberg University)

George David Laur, New Haven, Ind.  
B.A.

William Sheldon Lazarow, Akron  
B.A. (Northwestern University)

Scott Milburn Lewis, Delaware  
B.A. (University of Virginia)

Robert Lee Lilley, Euclid  
B.F.A. (Ohio University)

John Thomas Lloyd, Piqua  
B.S.Agr.

Lawrence Robert Loeb,  
Cleveland Heights  
A.B. (Western Reserve University)

David Ellison Long, Dayton  
B.A.

Walker Bruce Lowman, Columbus  
B.Arch.

John Jeffrey Luce, Ashtabula  
B.A. (Kent State University)

Michael Patrick Mahoney, Columbus  
B.S.Bus.Adm.

Kingston Edward Malley, Galion  
B.S. (Carnegie-Mellon University)

Angelo Marino, Paterson, N. J.  
B.S. (Bethany College)

Daniel Charles McCarthy, Lancaster  
B.B.A. (Ohio University)

James William McCarthy, Ironton  
B.S.Bus.Adm.

Roger John McClure, Columbus  
B.A.; M.A. (Northwestern  
University)

Leon Marshall McCorkle, Jr., Waldo  
A.B. (Harvard College)

Craig Alan McIntyre, Columbus  
B.S.Bus.Adm.

George August Meier, III,  
Wantagh, N. Y.  
A.B. (Colgate University)

Robert Edward Messham, Jr., Dayton  
B.A.

Brian Young Miller, Akron  
B.A. (College of Wooster)

James Stanley Miller, Ashland  
B.S. in Bus. Adm. (Wittenberg  
University)

John Robert Mohr, Hillsboro  
B.S.Bus.Adm.

Thomas Samuel Moore, Delaware  
B.A. (Miami University)

Edward William Morgan, Toledo  
B.A. (Denison University);  
M.B.A. (Indiana University)

William Andrew Morse,  
South Willoughby  
B.S. in Bus. Adm. (Miami University)

Steven Michael Nobil, Tiffin  
B.A. (Baldwin-Wallace College)

John Leslie Onesto, Canton  
B.S. in Bus. (Miami University)

Thomas Victor Orvis, Columbus  
B.A. (Wittenberg University)

William Michael Owens, Coshocton  
B.A.

Adrian Kenneth Panton,  
Jamaica, N. Y.  
B.A. (The American University)

Robert Monroe Parsons, Columbus  
B.A.

Robert Clair Paxton, II, Caldwell  
B.A.

Dennis Michael Perlberg,  
Jericho, N. Y.  
B.S. in Bus. Adm. (Boston  
University)

Richard Coy Pfeiffer, Jr., Columbus  
A.B. (Oberlin College)

Thomas Merle Phillips, Dublin  
B.I.E.

Thomas Edward Portsmouth,  
Middletown  
B.S.

John James Powers, III,  
Silver Spring, Md.  
B.A. (University of Maryland)

Alan Toby Radnor, Cleveland Heights  
B.A. (Kenyon College); M.S.

Beth Phelps Ray, Terre Haute, Ind.  
B.A. (Rice University)

Allan Mark Resnick,  
Cleveland Heights  
B.A.

Robert David Rinfret, Yonkers, N. Y.  
B.A. (Bethany College)

James Richard Rishel, Cincinnati  
A.B. (Ohio University)

Barry Rhys Robinson, Dover  
A.B. (Princeton University)

Jeffrey Steven Rock,  
Oklahoma City, Okla.  
B.A. (University of Oklahoma)

George Drew Rolston,  
St. Marys, W. Va.  
A.B. (West Virginia University)

James Murray Ronk, Fredericktown  
B.A. (Denison University)

Thomas Dudley Rooney, Akron  
B.B.A. (Ohio University)

Ronald Lee Rowland, Galena  
B.A. (Wittenberg University)

Jay Harmon Sanford, Columbus  
B.S.Ed.

Charles Saunders, Jr., Columbus  
B.S.Bus.Adm.

Philip Scott Schaefer, Columbus  
A.B. (Wilmington College)

James Mark Schottenstein, Columbus  
B.B.A. (University of Wisconsin)

Kurt Lee Schultz, Chicago, Ill.  
B.S. (University of Pennsylvania)

Robert Vincent Secrist, Jr.,  
Bay Village  
B.A.

Edward McKinley Shields, Columbus  
B.A.

Thomas Wayne Simms,  
Skaneateles, N. Y.  
B.S.

Stephen Lloyd Smith, Beaverdam  
B.A.

Thomas Edward Smith, South Euclid  
A.B. (University of Detroit)

Todd Lawrence Smith, North Canton  
B.S. in Bus. Adm. (Bowling Green  
State University)

Gary Edward Snyder, Dayton  
B.S.Bus.Adm.

## College of Medicine

Dean: John A. Prior, M.D.

Larry Michael Solove, Columbus  
B.S.Bus.Adm.

Kenneth Jerome Spicer, Willoughby  
B.A.

Jean Ann Staudt, Akron  
B.S.Bus.Adm.

Dennis Edward Stegner, Fairborn  
B.A. (Wittenberg University)

Eric Randall Steiner, Akron  
A.B. (Ohio University)

Gerald Alan Stimmel, Kettering  
B.A.

Roger Ray Stinchart, Lima  
B.S. in Bus. Adm. (Bowling Green  
State University)

Meredith Blake Stone, Wellington  
B.S.Bus.Adm.

William Jeffrey Tully, Medina  
B.A. (Bowling Green State  
University)

Grant Lee Wadsworth, Dayton  
B.S.Bus.Adm.

Robert John Walter, Cleveland  
B.A. (Miami University)

Robert Craig Witzel, Upper Sandusky  
B.B.A. (Ohio University)

Joel David Worshtil, Toledo  
B.B.A. (University of Toledo)

James Edward Young, Mentor  
B.B.A. (Ohio University)

John Wolcott Zeiger, Tallmadge  
B.S.Bus.Adm.

Stephen Howard Zimmerman,  
Fremont  
B.A. (Thiel College)

Larry Robert Zingarelli, Columbus  
B.A. (Otterbein College)

### Doctor of Medicine

One hundred and forty-seven candidates

Leslie Franklin Aiello,  
North Royalton  
B.S. (Otterbein College)

Robert Alan Albus,  
Staten Island, N. Y.  
B.S. (Polytechnic Institute of  
Brooklyn)

James Leslie Andersen, Avon Lake  
B.A. (Ohio Wesleyan University)

Robert Milton Augspurger, Columbus  
B.S.Ed.

Thomas Michael Bashore, Paulding  
A.B. (Miami University)

Albert Eugene Becker, Jr., Dayton  
B.A.

Richard Herman Boye, Struthers  
A.B. (Oberlin College)

Frederick David Brown, Columbus  
B.S.

Dennis Everett Brunskill,  
Milford Center  
B.S.

Dennis Lloyd Burech, Bellaire  
A.B. (Oberlin College)

Lynn Clayton Burroughs, Metamora  
B.S. (Ohio Northern University)

Everett Martin Bush, Boardman  
B.S. (Westminster College)

William John Byrne, South Euclid  
B.A. (Ohio Wesleyan University)

Richard John Candela, Ashtabula  
B.S.

Daniel William Carlson, Columbus  
B.S.

Gerald Anthony Cichocki, Toledo  
B.S. (University of Toledo)

Robert Wesley Clark, Jr., Rocky River  
B.S. (John Carroll University)

Stanley Allen Cohen, Columbus  
A.B. (Case Western Reserve  
University)

Steven Howard Cohen, Akron  
B.S. (University of Akron)

Carl Michael Curtiss, Bellville  
B.A. (Wittenberg University)

Hyatt Peter DeGreen, Chagrin Falls  
B.A. (Ohio Wesleyan University)

Andrew DiBartolomeo, Cleveland  
B.S. (University of Dayton)

Nino DiIullo, Youngstown  
B.A. (Youngstown State University)

Ann Marie Diller, Orrville  
B.A. (Bluffton College)

Jack Brian Dingle, Cleveland  
B.A. (Albion College)

Constance Strait Donley, Ashland  
B.S. (Marymount College,  
Tarrytown-on-Hudson)

Thomas Stanley Edwards,  
North Canton  
B.S.

Donald Thomas Evert, Brecksville  
B.S.

Joseph Wayne Fay, Barberton  
B.A. (College of Wooster)

Richard Reid Felix, North Lawrence  
B.S.

William Richard Finch, Warren  
B.A. (Hiram College)

Barry Lynn Fisher, Uhrichsville  
B.S. (Kent State University)

William Alan Flignor, Lorain  
B.S.

David Andrew Floering, Toledo  
A.B. (Western Reserve University)

John Michael Foster, Port Clinton  
B.S.

Irwin Samuel Fox, Columbus  
B.S.

James Philip Fox, Kenton  
B.S. (Ohio Northern University)

Robert Emmet Frank, Columbus  
B.S.

Barry Marvin Friedman, Lorain  
A.B. (Miami University)

Donald Edmund Fry, Marion  
B.S.

Thomas Edward Furlong, Parma  
B.A. (University of Notre Dame)

William Joseph Geiger, Delaware  
B.S.

James Arthur Gels, St. Henry  
A.B. (Miami University)

Charles Anthony Gerace, Jr.,  
East Liverpool  
B.S. (Duquesne University)

James Paul Giffried, Wilton, Conn.  
B.S. (Marquette University)

Thomas Joseph Goodenow, Columbus  
B.S. (University of Notre Dame)

Garry Alan Gosky, Lakewood  
A.B. (Adelbert College of Case  
Western Reserve University)

William Roger Gramlich, Kenton  
A.B. (Miami University)

Jeffrey Louis Gross, Akron  
B.S.

Russell Haynes Hackett, III, Salem  
B.A. (Ohio Wesleyan University)

James Keith Hall, Lafayette  
B.S. (Heidelberg College)

Richard Norman Hansen, Lorain  
B.A. (College of Wooster)

Patricia Weians Hanson, Columbus  
B.A. (College of Saint Mary of the  
Springs)

Alan Kramer Hatfield, Chagrin Falls  
A.B. (Wabash College)

Robert Lynn Heilman, Columbus  
B.S. (Capital University)

Robert William Henderson, Jr.,  
Rocky River  
B.S.

Fred Stanley Hirsh, South Euclid  
B.S.

Ronald Eugene Hodges, Marion  
B.S.

David Lewis Hunter, North Olmsted  
A.B. (Kenyon College)

Daniel Garner Jackson, Columbus  
B.A. (Miami University)

Robert Paul Jacobson, Canton  
B.S.

Richard Allen Janovsky, Parma  
B.S.

Kevin Martin Kane, Cleveland  
B.S. (John Carroll University)

Dennis Lawrence Karsh, Toledo  
A.B. (Oberlin College)

James Walter Kazura, Parma Heights  
A.B. (Washington University)

Joel Benner Keats, Marietta  
B.S. (Louisiana Polytechnic Institute)

William Francis Ketterer,  
North Canton  
B.S. (John Carroll University)

Paul Raymond Knight, Lorain  
B.S. (Ohio University)

Robert William Kottman, Columbus  
B.S.

Carl Arnold Krantz, Jr., Massillon  
B.A. (Saint Vincent College)

James Michael Krause,  
Bedford Heights  
B.S.

Karen Biehl Krueger, Cleveland  
B.S.

John Burkley Krupko, McDonald  
B.S.

Ronald Edward Kuseski, Pataskala  
B.S.

James Edward Lalak, Euclid  
A.B. (Case Western Reserve  
University)

John Navin Larrimer, Columbus  
A.B. (Princeton University)

Thomas Dale LeGalley, Bowling Green  
B.S.

Wynne Vinson Elwood LeGrow,  
Coshocton  
B.S.

John Robert Leibach, Sandusky  
B.A. (Ohio Wesleyan University)

Lawrence Alan Levine, Wooster  
B.S.

Edward Mark Lichten, Akron  
B.S. (University of Akron)

Joel Edward Lichtenstein, Granville  
B.E.E. (Cornell University); M.S.

Craig Bradford Liden, Toledo  
B.S. (University of Michigan)

Jerry Lee Luggler, Columbus  
B.S. (Denison University)

William Allen Lukeman, Akron  
B.S. (University of Akron)

Daniel Bruce Magilavy, Akron  
A.B. (Washington University)

James Robert Magnussen, Gallipolis  
B.S. (Purdue University)

Ralph Michael Mancini, Canton  
B.S.

Martin Lee Mandel, Cleveland Heights  
A.B. (Miami University)

Alan Harvey Marx, Youngstown  
A.B. (Miami University)

Richard Alan Matthews, Dayton  
B.A. (Indiana University)

Richard Harold Mauk, Toledo  
B.S. (Xavier University)

Richard Alexander Maxwell, Marion  
B.A. (College of Wooster)

Robert Charles McClusky,  
Cuyahoga Falls  
B.A. (Miami University)

Charles Michael McCool, Shadyside  
B.S.

Lawrence Ralph McCormack,  
Lyndhurst  
B.A. (College of Wooster)

Philip John Mika, Youngstown  
B.S. (University of Notre Dame)

Eli Jerry Miller, Columbus  
A.B. (Miami University)

Kenneth Gregory Morris, Elyria  
B.A.

Barbara Elizabeth Moser,  
Fishkill, N. Y.  
B.S. (Pennsylvania State University)

Thomas William Oates, Kenton  
B.S.

Vincent John O'Brien, Jr., Cleveland  
B.S. (Wheeling College)

Michael Anthony Oddi, Columbus  
B.A.

Linda Ann Parenti, Akron  
B.S. (University of Akron)

Stephen Fellman Pariser, Columbus  
B.S.

Robert Perelman, University Heights  
B.A. (Washington and Jefferson  
College)

David Willard Phelps, Akron  
B.S. (University of Akron)

Russell James Pischinger, Parma  
B.S. (Arizona State University)

Michael Daniel Reuter, Columbus  
B.S.

Delphis Coleman Richardson, Anna  
B.S.

Richard Melvin Riedy, New London  
B.S.

David Earnest Roberts, Reesville  
A.B. (Miami University)

Duane Clinton Roe, Toledo  
B.S. (University of Toledo)

Morry Leon Rotenberg, Cleveland  
B.S.

John Marvin Rower, Findlay  
B.S. (Bowling Green State  
University)

Michael Steven Sabback, Columbus  
B.E.E.

William Bradley Salt, II, Columbus  
B.A.

Thomas LeRoy Satrom, Kent  
B.S. (Kent State University)

Thomas Edward Schmitt,  
Cuyahoga Falls  
B.S. (University of Dayton)

George Raymond Schuenger, Lakewood  
B.M.E. (University of Virginia)

Richard Lee Shaffer, Wauseon  
B.S.

Marvin DeCosta Shie, III, Westlake  
B.A. (College of Wooster)

Frederick Michael Smeltzer, Columbus  
B.S.

Edward Wilson Paul Smith, Medina  
B.S. (Mount Saint Mary's College,  
Maryland)

Gary Lee Snyder, Dayton  
B.S. (University of Dayton)

Gerald Mark Spector, Youngstown  
B.A.

John McNaugher Stang, Wooster  
B.S. Muskingum College)

Alan Louis Sterling, Columbus  
B.S.

James Craigmiles Strafford,  
Portsmouth  
B.S. (Ohio University)

Rebecca Louise Terrell Strafford,  
New Vienna  
B.S. (Ohio University)

James Byron Talmage, Rocky River  
B.S.

Larry Richard Thomas, Findlay  
B.S.

David Herron Thompson, Canton  
B.S. (University of Miami)

Michael Joseph Tomcik, Columbus  
B.S.

Nancy Marie Trhlik, Chagrin Falls  
B.A. (Hiram College)

Blair Dale Vermilion, Newark  
A.B. (Miami University)

John Henry Viall, Chagrin Falls  
A.B. (Miami University)

Frederick William Walker, Toledo  
B.S. (Bowling Green State  
University)

Patrick Michael Wall, Maple Heights  
A.B. (Northwestern University)

Joseph Charles Ward, Lakewood  
A.B. (Colgate University)

Penelope Ruth Warren, Marietta  
A.B. (Marietta College)

Howard Bruce Weinblatt, Toledo  
A.B. (University of Michigan)

David Anthony Westbrook, Dayton  
B.S. (University of Dayton)

Gary Brian Williams, Akron  
B.S. (University of Akron)

William Byron Zipf, Kettering  
B.A. (Denison University)

Kenneth Stuart Zuckerman, Columbus  
B.S. (University of Michigan)

John Lawrence Zumrick, Jr.,  
Youngstown  
B.S.

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

Eighty-one candidates

Jean Ann Addington, Poland  
Christine Marie Anders,  
Bowling Green

Philip Duane Beckley, McDonald  
Carol Marie Bergmueller,  
Ridgefield, Conn.

Anne Biegacz, Canton  
Diane Elaine Bowers,  
New Castle, Pa.

Bernard Richard Bowersox, Xenia  
Donna Marie Boyd, Euclid  
Devon Jo Bucher, Bluffton,  
Frances Marie Carano, Campbell  
Shelley Louise Carlson,

Richmond Heights  
Carol Lintern Christy, Wooster  
Vickie Diane Christy, Amanda  
Mary Ann Connors,  
Broadview Heights

Betty Henning Craft, Hamilton  
Constance Marie Curtin, Columbus  
Donna Eileen Damore, Youngstown  
Albert Seward Dearing, Columbus  
Gwen Lee Demshok, Lakeside  
Dale Campbell Deubler, Newton, Pa.

Kathleen Leger Devine,  
North Olmsted

Marcia Eileen Fernandez, Louisville  
John Thomas Frazier, Anderson, Ind.  
Shelley Mador Friedland,  
Plainview, N. Y.

Deborah Kay Fugate, Greenfield  
Susan Caryl Godson, Madison  
Suzanne Lynn Grace, Columbus  
Jane Atkinson Gromelski, Lima  
B.A.

Joy Kay Harris, Zanesville  
Catherine Leona Hermon, McComh  
Diana Malott Hobe, Dennison  
Thomas Howard Hohman, Cincinnati  
Helen Ruth Holub, Brook Park  
Michael Wayne Hotz, Cleveland  
Patricia Ellen Hudson, Maple Heights  
Cora Tyson Huitt, Glenshaw, Pa.  
Gloria Jean Jenkins, Dayton  
Marita Kay Johnson, Columbus  
Patricia Ann Kane, Akron  
Michael Thomas Klapheke,  
Middletown

Kathryn Ann Koch, Bay Village  
Kathleen Eichholz Koury, Lorain  
Diane Waltz Kreutzberg, Lititz, Pa.  
Jeffrey Roland Kreutzberg,  
Cleveland

Diana Jane Krieger, Toledo  
Melody Phillips Krueger, Mentor  
Nancy Jane Latimer, Shiloh  
Michele Gail Lefton,  
University Heights

Sarah Elizabeth Lewis, Monroe  
Mary Elizabeth MacKnight,  
Cincinnati

James Thomas Maier, Massillon  
Karen Lee Masterson, Leavittsburg  
Margaret Dorrine Matthews,  
Ashtabula

Patricia Bianco McCowin,  
Cuyahoga Falls

Robert Scott McLaughlin, Peru, Ind.  
Ronald Wade McLean, Ashtabula  
Stephen Grant Moon, Bexley

Sylvia Schilling Nesser, Columbus  
Jill Newman, Miramar, Fla.  
Leslie Jean Palmer, Fairborn  
Frances Elizabeth Preidis, Columbus  
Mary Crutchfield Raterman,  
Flint, Mich.

Mark Francis Reynolds, Columbus  
Susan Alice Richter, Canfield  
Ann Rikli, Columbia, Mo.  
Christina Cantlon Root, Columbus  
Paula Sue Raley, Uniontown  
Susan Ann Schroeder, Elyria  
Margaret Ann Skuban, Independence

Susan Jane Sliman, Canton  
 Marion Dane Smith, West Lafayette  
 Renate Elizabeth Sturtz, Fairfield  
 Mary Elizabeth Tann, Hamilton  
 Bridget Mary Tobin, East Liverpool  
 Margaret Sue VanFossen, Columbus  
 Deborah Ann Waidner, Columbus  
 James Elroy Walker, Louisville  
 Constance Sally Watjen,  
 Oradell, N. J.  
 Pamela Ruth West, Dublin  
 Susan Catherine Wright,  
 Newtown Square, Pa.  
 Melinda Reams Young, Zanesfield

**Bachelor of Science in  
 Medical Dietetics**

Six candidates

Connie Downs Brantley, Williamsport  
 Adrienne Rochelle Harris,  
 Roslyn Heights  
 Robert Paul Heisler, Syracuse, N. Y.  
 Margaret Sue Maybin, Barberton  
 Pauline Pui-Ling Wong,  
 Kowloon, Hong Kong  
 MaryJo Kurko Zeek, Martins Ferry

**Bachelor of Science in  
 Medical Technology**

Three candidates

Cheryl Rimer Cook, Lima  
 Candy Johnson Greenup, Newark  
 Vera Terec, Parma

**Certificate of Nurse Anesthetist**

One candidate

Karen Marie Rosenberry, Columbus  
 B.S.Nurs.

**Certificate of Post Baccalaureate  
 Circulation Technologist**

One candidate

Robert Michael Keenan, Steubenville  
 B.S.

**School of Nursing**

**Bachelor of Science in Nursing**

Seventy-seven candidates

Dianne Eileen Amstutz, Pandora  
 Beverly Jean Barker,  
 St. Albans, W. Va.  
 Diane Rae Beer, Cincinnati  
 Judith Kathryn Bell, Hebron  
 Kathleen Mary Berger, Versailles  
 Kathleen Griffith Bock, Columbus  
 Beverly Ann Bowers, Hudson  
 Suzanne Brunner, Duncannon, Pa.  
 Pamela Marie Bupp, Wooster  
 Florence Irene Burke, St. Marys  
 Virginia Loa Bush, Rochester, Minn.  
 Sharon Jean Bushong, Dunkirk  
 Margaret Kirkland Clay,  
 Worthington  
 Cheryl Lee Cotterman, Wauseon  
 Christy Batteiger Dafler, Columbus  
 Linda Catherine Drabek,  
 Chula Vista, Calif.  
 Barbara Ann Edwards,  
 Fairview Park  
 Renee Carol Euchner, Avon Lake  
 Toni Ferguson, Versailles  
 Victory Ann Fisher, Chillicothe  
 Susan Kay Frazier, Gallipolis  
 Christine Louise Gallenstein,  
 Cincinnati  
 Marsha Taylor Gorman, Springfield  
 Cheryl Ann Gutzeit, Huron  
 Patty Meadows Hammer,  
 South Charleston, W. Va.  
 Rehecca Joseph Hartman, Utica  
 Marcia Bagent Hern, Cincinnati  
 Martha Wright Hill, Columbus  
 Sara Jane Hill, Fairport Harbor  
 Charlene Crowe Houser, Canfield  
 Katherine VonHolten Howe,  
 Columbus  
 Caroline Jean Keller, Olmsted Twp.  
 Kathleen Ann Laird, Columbus  
 Constance Ann Lake, Youngstown  
 Gloria Lauderdale, Columbus  
 Pamela Palmer Lepore,  
 Little Silver, N. J.  
 Catherine VanCuren Luggier,  
 Reynoldsburg  
 Velma Dale Lyon, Columbus  
 Karen Sue Maddex, Columbus  
 Anita Louise Martin, Hebron  
 Christine Marie May, Sandusky  
 Susan Meckstroth, Columbus  
 Jennifer Lynn Menchini, Pomeroy

Sara Jane Mercer, New Philadelphia  
 Melanie Mary Millisor, Marion  
 Linda Holdt Moore, Cleveland  
 Evelyn Buck Morgan, Reynoldsburg  
 Diane Sue Mossbarger, Frankfort  
 Beverly Ann Nicholson, Zanesville  
 Mary Ann Patrice Noga, Parma  
 Susan Groves O'Malley, Hilliard  
 Sherry Lynn Petersilge, Newark  
 Trudy Elaine Pfeil, Newton Falls  
 Mary Louise Ralph, Fairview Park  
 Paula Joanne Riesenberg, Reading  
 Carol Saville, Pittsburgh, Pa.  
 Pamela Margaret Schmitt,  
 Bethel Park, Pa.  
 Sister M. Francis Scholl,  
 Rochester, Minn.  
 Diane Marie Schwede, Fairview Park  
 Sharon Jill Sees, West Lafayette  
 Janet Ann Seibel, Sandusky  
 Kathleen Ann Sexton, Brooklynn  
 Jacquelyn Slomka, Toledo  
 Susan Marie Springborn, Lakewood  
 Kathryn Ann Taylor, Columbus  
 Nancy Sterling Trimble, Mansfield  
 Jane Lucille Trinter, Columbus  
 Alice Louise Truex, Jerusalem  
 Diane Landis Ventresca, Columbus  
 Judith Adela Wallrath, Cleveland  
 Rebecca Lea Webb, Dayton  
 Paula Jean Wenger, Dayton  
 Evelyn Kay West, Wilmington  
 Beverly Joyce Wichmann,  
 North Royalton  
 Holly Lee Wilson, Niles  
 Susan Margaret Wogisch,  
 Chagrin Falls  
 Barbara Marie Zingg, Cincinnati

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

Forty-three candidates

Bruce Eugene Bachelder, Lexington  
James Joseph Baietto, Kenosha, Wis.  
Edward Coylson Beiter, Coshocton  
Michael Bowers, Dayton  
David Michael Burnett, Findlay  
Howard Ellis Crane, Oak Park, Mich.  
Frank Paul Dapore, Fairborn  
Albert Raymond Defever, Jr.  
Grosse Pointe Woods, Mich.  
B.S. (Wayne State University); B.A.  
Eli Dragisich, Weirton, W. Va.  
B.S. (West Liberty State College)  
Richard Allen Dreher, Marietta  
B.S.  
Lowell Craig Eicher, Sidney  
Clyde Martin Fenton, Portsmouth  
John Joseph Gardner, Chicago, Ill.  
A.B. (Villanova University); B.S.  
David Harold George, Fremont  
B.A. (Wittenberg University); B.S.  
Kenneth Robert Gilfillan, Chesterville  
B.A. (Miami University)  
\*Michael Howard Greenberg,  
University Heights  
B.S.  
Ralph Frederick Gurney, Jr.,  
Mercer, Pa.  
Bruce Gordon Johnson,  
Monroeville, Pa.  
Dean Elliott King, Sacramento, Calif.  
John Craig Kirkpatrick, Loudonville  
Robert Joel Kohan, Kingston, N. Y.  
Fred Jay Krieg,  
North Miami Beach, Fla.  
B.A. (Boston University); M.A.  
(University of Massachusetts); M.S.  
John Tucker Magill, Circleville  
James Robert Mason, Cambridge  
Jeffery Lynn Morehead, Wadsworth  
B.S.  
Leslie Michael Moro, Boca Raton, Fla.  
Donald Ray Murphy, Akron

Bren Alden Myers,  
Smith Center, Kan.  
B.A. (Kansas Wesleyan University)  
Walter Henry Oxley, Fremont  
B.S. (Creighton University)  
Charles William Paepke,  
Oshkosh, Wis.  
B.S.  
Bruce Lawrence Rakusin, Akron  
Stephen Stanley Richman,  
Indian Harbor Beach, Fla.  
B.S.  
\*Steven LeMar Seward,  
North Manchester, Ind.  
A.B. (Knox College)  
Kaleel James Shaheen, Canton  
B.S.  
Jack Anthony Sinnes, Miami, Fla.  
B.S.  
Frank Dale Tangeman, Coldwater  
Michael Charles Tankovich,  
Painesville  
Richard Joseph Vesler, Akron  
B.S. (Ohio University)  
Michael Andrew Walby, Lakeside  
B.S.  
Don Kerne Weber, Beaver  
B.S.  
Raymond Lawrence Weiskind,  
University Heights  
B.A. (Case Western Reserve  
University)  
Douglas Mark Wilson, Rutland, Vt.  
\*Wallace Howard Young, Fairfield  
B.A. (Miami University)

## College of Pharmacy

Dean: Lloyd M. Parks

### Bachelor of Science in Pharmacy

Forty candidates

Sorej Kumari Aggarwal,  
Nairobi, Kenya  
Howard Norman Bockbrader,  
Walbridge  
Bonnie Gale Byrd, Bellefontaine  
James Marc Davison, Toledo  
Ronald Michael Figurski, Adena  
William Berkeley Fisher, Marietta  
Theodore Gavozzi, Youngstown  
Robert Lee Hammond, McConnellsville  
Mary Elizabeth Jaqua, Ravenna  
Richard Benjamin Kauffman,  
Columbus  
Peggy Templeton King, Chesapeake  
James Michael Lee, Worthington  
Mary Ann Sherry Lemke, Toledo  
Nathan Harry Levine,  
Shaker Heights  
Gregory Bruce Little, Columbus  
Elizabeth Ann McCaw,  
Cuyahoga Falls  
Leonard Anthony Migliore, Jr.,  
Delaware  
B.S.  
Douglas Allan Miller, Marion  
Christine Cummins Murphy,  
Columbus  
Dennis Eugene Newland, Reedsville  
Patrick Joseph O'Neill, Columbus  
Venetia Spero Parthemos,  
Youngstown  
Susan Mary Pohlman, Vandalia  
Gary Anthony Polcar,  
North Royalton  
Edward Harold Pugh, Columbus  
Lucy Madonio Ribelin, Ravenna  
Paul Verne Roller, Defiance  
Betsy Lou Ross, Waynesburg

\* Also Master of Science, Graduate School

## College of Veterinary Medicine

Dean: Leslie E. McDonald

James Joseph Salzgeber, Cleveland

George Philip Sasser, The Plains

Robert Otto Schmoll, Middleport

Rebecca Jane Shoemaker, Portsmouth

Kathleen Canty Skau, Columbus

Kenneth Joseph Solomon, Mayfield

Larry James Vance, Gallipolis

Martha Wilson Weinheimer, Marietta

Martha Christine White, Galena

Gary Lee Wolf, Columbus

Donald Ellsworth Zabriskie, Jr.,  
Rocky River

Joseph Allen Zelek, Adena

### Doctor of Veterinary Medicine

Eighty-six candidates

Ronald Charles Abrams, Cincinnati

Clyde Harry Alloway, Jr., Belpre

Steven Paul Arnoczky, Amherst

Bruce Charles Bauersfeld, Cincinnati

Andrew J. Beaulieu,  
Silver Spring, Md.  
A.B., B.S. (University of Miami)

Elaine Kay Bender, Bellville

Robert Coleman Bowers, Jr.,  
Wintersville  
B.S. Agr.

Ann Wisloh Breznock, Storrs, Conn.  
B.S. (University of Connecticut)

Virgil Joseph Brown, St. Marys

Ronald John Budz, Seven Hills

Robert Charles Burns Jr., Greenville

Jerry James Burroughs, Metamora

Richard Earl Burrows, Kettering  
B.S. (Otterbein College)

Robert Dale Carey, New Vienna  
B.S. Agr.

Edward Roy Cole, University Heights  
B.S. (University of Pittsburgh)

Jane McGara Corrigan, Toledo  
A.B. (Indiana University)

James Ronald Davidson,  
New Springfield

Paul Franklin Deal, Kingwood, W. Va.

Calvin Walter Edwards, Cincinnati

David Glen Evans, Nelsonville

James Ivan Fearer,  
Terra Alta, W. Va.  
B.S. Agr. (West Virginia University)

Richard Banbury Ford, Brecksville  
B.S.Agr.

Daniel Henry Fulk, Shiloh  
B.S.Agr.

Gary Paul Garber, Strasburg  
B.A. (Wittenberg University)

Kay Walter Gilpin, St. Marys, W. Va.  
B.S.Agr. (West Virginia University)

James Douglas Goodfellow,  
Yellow Springs

Judith Joy Greenamyer,  
Cuyahoga Falls

Robert Arthur Hanson, Miamisburg

William Moore Haynes,  
Canal Winchester

Ralph Edward Hecht, St. Marys

Larry James Helzer, Whitehouse  
B.S.Agr.

Terrence John Henehan, Dayton

Jeffrey Lee Hess, West Milton  
B.S.Agr.

Michael Leonard Horton, Dayton

Casandria Harris Hurt,  
Compton, Calif.

Robert Hunt Hutchison,  
West Alexander, Pa.  
B.S. (Pennsylvania State University)

Robert Van Hutchison,  
North Ridgeville

James Edward Kennerly, III, Akron

Kerry Lynn Ketring, Fairborn

<sup>2</sup>Gary Martin Kinnison, Cedarville

Floyd Douglas Kirby, Williamsburg

Wayne Lowery Klepinger,  
Berlin, Wis.

John Reid Kolehmainen, Jefferson

Lawrence Conrad Lann, Cleveland

Leonard Joseph Letendre,  
Tiverton, R.I.  
B.A. (Saint Francis College);  
M.S. (University of New Hampshire)

Edward Donald Lukuch, Rittman  
B.S.Agr.

Connie Jean Lumeyer, Stow

Jack Leroy Lust, Bucyrus

David Cook McGrew, Lucas  
E.S.Agr.

Robert Dale McMillin, Lorain  
B.S.Agr.

<sup>3</sup>Lonnie Meeusen, Louisville

Richard Wesley Meiring,  
Fort Recovery  
B.S.Agr.

Myrna Morth Milani, Pittsburgh, Pa.  
B.S. (Capital University)

Steven Charles Miller, Wilmington

<sup>2</sup>Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics

John Samuel Mitchell, Cadiz	Robert Allen Wickes, Euclid
Michael Eugene Mount, Tiffin B.S. (Utah State University)	Arden Allan Wiley, Strongsville
Harry Marshall Olson, Rockville, Conn. B.S. (Dickinson College)	Larry Robert Winters, Groveport
James Allen O'Neill, Columbus	
Gary Lynn Page, Shelby B.S.	
Kenneth Charles Patrick, Franklin	
John William Paul, Columbus B.S. (Rochester Institute of Technology)	
Neil Ivan Phillips, Cleveland B.S.Ed.	
Steven Allen Phillips, Athens	
Mark Poston, Tipp City	
Robert Alan Randall, Independence	
Robert Kerr Reynolds, Grove City, Pa.	
Donald Michael Rings, Amlin	
Ray Donald Ruhmund, Cincinnati A.B. (Miami University) ; B.S.Agr.	
Mark Lee Runkle, Sidney	
Howard Gerald Rush, Cleveland Heights	
Mark Alan Rutman, Cleveland	
Ann Grove Samsell, Charleston, W. Va.	
David Hudson Schmidt, Carey B.S., M.S.	
Ronald Walter Schmidtke, Cleveland B.S. (Colorado State University)	
Frederick Earl Scott, Columbus B.S.Agr.	
Norman Richard Slavik, II, Coldwater	
Richard Arthur Smolin, Las Vegas, Nev.	
John Nelson Stein, Lakewood B.S. (University of Miami)	
Ronald Elno Swartz, Massillon B.A. (Kent State University)	
James Russell Thoenig, Warren, N.J. B.S. (Rutgers-The State University)	
Michael Edward Turano, Ashtabula	
Dale Raymond Wegelin, Cincinnati B.A. (Miami University)	
Roger Earl Wells, Xenia	

## Graduates with Honors

### Summa Cum Laude

Michael Edward Arlin, Lima  
 William Harry Arnold, Worthington  
 Janet Lynn Bashor, Columbus  
 Esther Beachy, Plain City  
 Mary Jane Blawut, Adena  
 Carmen Poinier Buckalew, Columbus  
 Charles Anthony Buening, Jr., Columbus  
 Molly Heilman Calhoun, Columbus  
 Robert Wesley Clark, Jr., Rocky River  
 Mary Catherine Clucus, Columbus  
 Linda Susan Coffey, Washington C.H.  
 Thomas P. Cribbs, III, Apollo, Pa.  
 Timothy Ryan Crichfield, Troy  
 Richard Russell Daniel, Bradford  
 Karen Mertz Dearbaugh, Columbus  
 Bonnie Lou Dixon, Columbus  
 Suzanne Givin Duncan, Columbus  
 Pamela Little Durrett, Columbus  
 Bonnie Jane Dye, New Matamoras  
 Barbara Ann Edwards, Fairview Park  
 David Mitchell Edwards, East Canton  
 James Roger Fahrback, Columbus  
 Deborah Anne Franck, Columbus  
 Paula Gifford Freshwater, Columbus  
 Bernard Michael Frye, Hamilton  
 David Allen Gradwohl, Columbus  
 Diana Jean Grandstaff, Columbus  
 Jacqueline Denese Grazak, Strongsville  
 Charlotte Gyllenhaal, Bay Village  
 Elaine Hartman, University Heights  
 Marianna Crips Hartman, Mansfield  
 Ronda Rae Hathaway, Fredericktown  
 Charlotte Jean Blount Henneberger, Lacona, N.Y.  
 Deborah Ann Herdman, Findlay  
 James Michael Highsmith, Mt. Carmel, Ill.  
 Linda Seghers Hoffman, Columbus  
 Jimmie Lee Huitt, Jr., London, England  
 Allen Louis Huneke, Eaton  
 Carol Jean Hyman, Mansfield Heights  
 Margaret Davis Johnson, Lima  
 Thomas Francis Johnson, Worthington  
 Sherryl Meeker Jones, Canfield  
 George Oliver Karasевич, Cincinnati  
 Dennis Lawrence Karsh, Toledo  
 Jane Cecelia Keller, Parma  
 Diane Joyce Kesster, Columbus  
 Paula Elizabeth Kifner, Mansfield  
 Stephen Otis Kilmer, Huron  
 Thomas Harry Lagos, Springfield  
 Timothy K. Layman, Altamonte Springs, Fla.  
 Doane Wing Lee, Columbus  
 Carol Giaouque Lewis, Marion  
 Betty Boston Lishka, Columbus  
 Jane Elizabeth Logan, Mt. Gilead  
 Linda Louise Loose, Grove City  
 Michael Patrick Mahoney, Columbus

Benjamin Gaylord Maiden, Columbus  
 Randolph Eric Maier, Columbus  
 Susan Deardoff Markey, Columbus  
 Rhodena Forman Masys, Morehead, Ky.  
 Steven Arthur McClaren, Columbus  
 Leon Marshall McCorkle, Jr., Waldo  
 Nicholas Ray McCoy, Columbus  
 Jeffrey Owen Miller, South Euclid  
 Evelyn Buck Morgan, Reynoldsburg  
 Thomas Samuel Moore, Delaware  
 Valerie Anne Mourad, Columbus  
 Anne Victoria Neff, Cleveland  
 Alice Neiswander, Ada  
 Karen Gall Newland, Heath  
 Margaret Anne Nussbaum, New Philadelphia  
 David Edward Orin, McDermott  
 Laurie Gilbert Oser, Columbus  
 Susan Lee Pansing, Kettering  
 James Duncan Pirie, Columbus  
 Stephen Davis Plymale, Hilliard  
 John James Powers, III, Silver Spring, Md.  
 Linda Rae Probasco, Zanesville  
 John Robert Raabe, Delphos  
 Paul Anthony Ricchetti, Jr., Cleveland  
 Paula Sue Roberts, Columbus  
 Rebecca Winner Roetgerman, Osgood  
 Marsha Blum Rosenberg, University Heights  
 Ronald Lee Rowland, Galena  
 Jeffrey Brian Sampsell, Westlake  
 Janet Wagner Sandor, Mansfield  
 Michael Alan Schuler, Columbus  
 Kurt Lee Schultz, Chicago, Ill.  
 Diane Marie Schwede, Fairview Park  
 Jack Eugene Scott, Mt. Vernon  
 Kathleen Ann Sexton, Brooklyn  
 Deborah Kay Shipley, Columbus  
 Robert Eugene Shroy, Findlay  
 Steven Sigalow, Akron  
 Bernadine Ann Soltis, Toledo  
 Frances Ann Sprouse, Gahanna  
 Jean Ann Staudt, Akron  
 Donald Ray Stickle, Columbus  
 James Byron Talmadge, Rocky River  
 Rebecca Ann Tryon, North Lawrence  
 Dale Jay Van Harlingen, Kettering  
 Susan Woodie Von Gruenigen, Columbus  
 Renate Langwald Voris, Columbus  
 Martha Wilson Weinheimer, Marietta  
 Scott Alan Wilkins, Sandusky  
 James Edward Young, Mentor  
 Janet Louise Young, Cuyahoga Falls  
 Richard Allen Yuresko, Barberton  
 John Wolcott Zeiger, Tallmadge  
 George Edward Zito, Wadsworth  
 Janice Elaine Zolman, Fredericktown

**Summa Cum Laude and with Distinction in Agricultural Economics**  
 Jane Ellen Vagasky, Euclid

**Summa Cum Laude and with Distinction in Animal Science**  
 David Russell Notter, Scottown

**Summa Cum Laude and with Distinction in Chemistry**

Dorothy Ann Cichra, Cleveland  
 John Richard Girman, Hinckley  
 William John Greenlee, Columbus

**Summa Cum Laude and with Distinction in English**

Charles Marc Edelsberg, Shaker Heights

**Summa Cum Laude and with Distinction in History**

Richard Faull Hope, Oberlin

**Summa Cum Laude and with Distinction in Home Economics**

Joyce McLoney Billotte, Carrollton

**Summa Cum Laude and with Distinction in Microbiology**

Mary Catherine Kuhns, Hubbard

**Summa Cum Laude and with Distinction in Physics**

James Peter Long, Columbus

**Summa Cum Laude and with Distinction in Political Science**

Linda Taylor Fleischhauser, Columbus

**Summa Cum Laude and with Distinction in Psychology**

Terrance Anderson Filter, Brooklyn, Mich.  
 Catherine Rose Marshall, Amlin

### Cum Laude

Allen Valloyd Adair, Mansfield  
 Robert Alan Albus, Staten Island, N. Y.  
 David Ralph Alexander, Warren  
 Jeffrey Ross Allen, Portsmouth  
 Thomas Craig Allmon, Carrollton  
 Hugh Russell Anderson, Rocky River  
 Glen Allen Archinal, Mineral City  
 Charles Richard Barcus, Alliance  
 David Edward Bassett, Lima  
 Cheryl Sue Beary, Mansfield  
 Andrew J. Beaulieu, Silver Spring, Md.  
 John Parrish Beavers, Worthington  
 Donald Richard Becker, Columbus  
 Jerome Frederick Beekman, Columbus  
 Joseph Paul Bellino, Youngstown  
 Kathleen Mary Berger, Versailles  
 Nguyen Ngoc Bich, Saigon, South Viet Nam

Carmen Jenkins Bigus, Shelby  
 Gary Floyd Blemaster, Bedford  
 Susan Kay Bockrath, Dayton  
 John Jeffrey Bogniard, Ashland  
 Michael Dayton Bowers, Dayton  
 Ronald Kent Bowers, Greenville  
 Sarah Jane Bowman,  
 Schenectady, N. Y.  
 Thomas Edward Boyle, Columbus  
 Thomas Hugh Brennan, Shelby  
 Barbara Sue Brooks, Dayton  
 Virgil Joseph Brown, St. Marys  
 Everett Martin Bush, Boardman  
 Bonnie Gale Byrd, Bellefontaine  
 Mary Evelyn Cain, Patriot  
 James Eric Calhoun, Columbus  
 George Franklin Calloway, Cincinnati  
 Shelley Louise Carlson,  
 Richmond Heights  
 Denny Lloyd Carroll, Elyria  
 Michael Wesley Carroll, Cincinnati  
 Susan Linda Cave, Fredonia  
 Robert Jon Chappell, Jr., N. Olmsted  
 Carol Lintern Christy, Wooster  
 Gaynell Spech Cline, Lexington  
 Robert Alan Cochran, Van Wert  
 Sharon Joyce Comet, Beachwood  
 Mary Ann Connors, Broadview Hts.  
 Thomas James Conrad, Worthington  
 James Reynolds Cooper, Newark  
 John Frederick Copes, Springfield  
 Edward Charles Corbett, Cleveland  
 Gary James Crews, Pontiac, Mich.  
 Gary Lee Crosby, Van Wert  
 John Bartlett Crosby, Cincinnati  
 Tarie Marshall Curtiss, Columbus  
 Christy Batteiger Dafer, Columbus  
 Ruth Knight Dalezman, Columbus  
 Joseph Anthony Damico, Chillicothe  
 Bernard Robert Davis, Mansfield  
 Naomilee Finley Davis, Xenia  
 Robert Emerson Davis, Columbus  
 Robert Madison Day, Columbus  
 Kathleen Ford Dean,  
 Canal Winchester  
 Albert Seward Dearing, Columbus  
 Florence Gordon DeFrancisco,  
 Columbus  
 Craig Denmead, Columbus  
 Mark Eli Deutchman, Akron  
 Sharon Sue DeWees,  
 Washington C. H.  
 Pamela Beaver D'Huyvetter,  
 Columbus  
 Margaret Ellen Dixon, Columbus  
 Edward James Domsitz, Trotwood  
 Shelley Dunham, Toledo  
 Glenn George Durmann,  
 Farmingdale, N. Y.  
 Kay Fogt Egbert, Botkins  
 Sally Jean Eickholt, Sylvania  
 John Marshall Eufinger, Worthington  
 John Jay Evans, Elida  
 Larry Ray Evans, Columbus

Sanford Barry Fain, Lorain  
 David James Fallang, Dayton  
 Floyd Joseph Fantelli, Columbus  
 Mark Robert Farrell, Columbus  
 Richard Craig Farrin, Lakewood  
 Joseph Wayne Fay, Barberton  
 Barry Lynn Fisher, Uhrichsville  
 Gail Ellen Fisher, New Vienna  
 Kathleen Mary Fitzsimmons, Milford  
 Margaret Mary Flanagan, Columbus  
 Philip Doyle Flenner, Columbus  
 Nanette Marie Frazier, Grove City  
 Barry Marvin Friedman, Lorain  
 Jan Leslie Friedman,  
 Valley Stream, N. Y.  
 James Laurence Fullin, Columbus  
 Carol Fyysinger Gaskalla, Columbus  
 Rita Clark Gasser, Smithville  
 Katherine Kniskern Gecewich,  
 Willoughby  
 Roger Dale George, Marion  
 Alan Bruce Gest, Bronxville, N. Y.  
 Janet Faye Gick, West Chester  
 Lora Jane Glickman,  
 Cleveland Heights  
 Dean David Goldberg, Columbus  
 Donald Lewis Golden, Elmont, N. Y.  
 Spiros Emanuel Gonakis, Euclid  
 Thomas Henry Grace, Steubenville  
 Judith Elaine Green, Columbus  
 Michael Howard Greenberg,  
 University Heights  
 Eileen Marie Gress, Trotwood  
 Kathryn Ann Gulley, Harrison  
 Cheryl Ann Gutzeit, Huron  
 Deborah Ann Haap, Cincinnati  
 Marietta Welch Hague, Heath  
 Christine Bair Hainline,  
 Covina, Calif.  
 Michael Alan Hall, Vandalia  
 Steve David Halper, Cincinnati  
 James Robert Hand, Newark  
 Barbara Ann Harper, Cincinnati  
 Lee Bolon Harris, Chicago, Ill.  
 Michael William Hartshorn,  
 Lancaster  
 Alan Kramer Hatfield, Chagrin Falls  
 David Everett Hathaway, Cincinnati  
 Diane Duty Hathaway, Portsmouth  
 Kathy Hauer, Dublin  
 Deborah Jo Hawley, Columbus  
 Arnell Christina Hecker, Marion  
 Doris Ann Hemmelgarn, Worthington  
 Margaret Sabina Henry, Columbus  
 Fred Stabley Hirsh, South Euclid  
 Deborah Lynn Homzak, Columbus  
 Dennis Scott Hoobler, Delbray  
 John Wilbur Hood, Detour, Md.  
 Robert Joseph Hopperton, Berea  
 Lynn Adair Hopkins, Columbus  
 Carolyn Elizabeth Hoppes, Parma  
 Robert John Howard, Jr., Parma  
 James Edward Hughes, Columbus  
 Daniel Garner Jackson, Columbus  
 Peter Marvin James, Warren

Eileen Marie Janssen, Worthington  
 Patsy Pierson Jenkins, Mt. Vernon  
 James Jay Johnson, Dearborn, Mich.  
 Maurya Walsh Johnson, Columbus  
 Thomas Francis Johnson,  
 Worthington  
 Michael Joseph Joyce, Columbus  
 James Raymond Kapel, Akron  
 Stuart Harvey Kaplow,  
 University Heights  
 William Hill Keating, Columbus  
 Diane Corinne Kemmerling, Canton  
 Deborah Ann Kemper, Cincinnati  
 Marie Louise Kevorkian,  
 Wellesley, Mass.  
 Stephen Warren King, Piqua  
 John Craig Kirkpatrick, Loudonville  
 Donn William Kirschenbaum,  
 Shaker Heights  
 Kathryn Ann Koch, Bay Village  
 Diane Waltz Kreutzberg, Lititz, Pa.  
 Richard Carl Kriger, Columbus  
 Kathryn McKenzie Krites,  
 Wapakoneta  
 Dale James Kruse, Parma  
 Robert Alan Kumin, Shaker Heights  
 Roger Ellis Kuseski, Columbus  
 Richard Allen Langley, Dayton  
 Patricia Ulrich Larrison, Columbus  
 James Michael Lee, Worthington  
 Gary Robert Leed, Columbus  
 Vicki Gardner LeFevre, Columbus  
 Michele Gail Lefton,  
 University Heights  
 Joel Edward Lichtenstein, Granville  
 Craig Bradford Liden, Toledo  
 Douglas Owen Lipp, Columbus  
 Cindy Lou Liston, Lakeview  
 Lawrence Robert Loeb,  
 Cleveland Heights  
 Dianne A. Long, North Olmsted  
 John Robert Lossman, Fairview  
 Walker Bruce Lowman, Columbus  
 John Robert Lowther, Ashtabula  
 Thomas Alan Lyon, Ravenna  
 Sandra Scarbrough Luster, Columbus  
 Mark Gayland Mangie, Youngstown  
 Charles F. Manning, Jr., Columbus  
 Janet Lynn Maryanski,  
 Cuyahoga Falls  
 George John Matthey, Steubenville  
 Daniel Michael Mayton, III, Hudson  
 Elizabeth Ann McCaw,  
 Cuyahoga Falls  
 Roger John McClure, Columbus  
 Dale Edgar McLean, Columbus  
 Robert Bruce McLoughlin, Columbus  
 Nancy Ann Medhurst, Worthington  
 George August Meier, III,  
 Wantagh, N. Y.  
 Lon Mendelsohn, Columbus  
 Elizabeth Ann Mergler, Dayton  
 Bruce Lee Miller, Sugar creek  
 Elizabeth Emily Miller,  
 St. Petersburg, Fla.

John David Mitter, Marietta  
Laverne L. Miller, Hicksville  
Edward Francis Mitzel, Youngstown  
Thomas Earle Monroe, Magnolia  
Bruce Edward Moon, Columbus  
Antonia Maureen Moras, Columbus  
Charles Raymond Morin, Jr.,  
Columbus

William Andrew Morse,  
South Willoughby  
Elaine Furniss Morton, Waldo  
Janet Suzanne Motter, Rawson  
Karl Losse Mulvaney,  
Indianapolis, Ind.

Vicki Lynn Nau, Columbus  
Dorothy Stewart Newbill, Willard  
John Eric Nolt, Massillon  
Kathleen Sargeant Norris,  
Monroeville

Thomas William Oates, Kenton  
Kathleen Marie O'Brien, Columbus  
Joanne Evans Oliver, Columbus  
John Palmer, Philadelphia, Pa.  
William Randolph Penland, Columbus  
David Alfons Perdsock, Dayton  
Dennis Michael Perlberg,  
Jericho, N. Y.

Karen Elizabeth Pettus, Marysville  
Patricia Ustick Pfeiffer, Columbus  
Richard Coy Pfeiffer, Columbus  
John Thomas Phelps, II, Zanesville  
Melissa Geil Pintar, Miami, Fla.  
Susan Mary Pohlman, Vandalia  
Thomas Jon Poulton, Columbus  
Clement Wayne Pyles, Bylesville  
Alan Toby Radnor, Cleveland Heights  
Catherine Randall, St. Albans, W. Va.  
Harry Louis Rees, Woodsfield  
Stephen Charles Reichley, Thornville  
Jay C. Resnick, Cleveland  
Barbara Sue Reynolds, Fairborn  
Robert Kerr Reynolds, Grove City  
Leonard Steven Rich,  
New Philadelphia

Michael Anthony Richardson,  
Strasburg  
Susan Alice Richter, Canfield  
Roger Phillip Rittenhouse, Hamilton  
Regina Ann Ritz, Cleveland  
Mark Alan Robb, Hinckley  
Gary Donald Robinett, Miamisburg  
Barry Rhys Robinson, Dover  
Jeffrey Steven Rock,  
Oklahoma City, Okla.  
James Murray Ronk, Fredericktown  
Yvonne Wilhelmine Rosmarin,  
Columbus

Betsy Lou Ross, Waynesburg  
Morry Leon Rotenberg, Cleveland  
Janet Monnett Roth, Columbus  
Katherine Marie Rotilie, Akron  
Gail Joan McCure Rusch, Columbus  
Dean Carroll Rust, Eaton  
Janet Wagner Sandor, Mansfield

Jay Harmon Sanford, Columbus  
Marjorie Lucille Sanger, Orwell  
Carol Saville, Pittsburgh, Pa.  
Mary Ann Schaufert, Lancaster, Pa.  
Ronald Eugene Schilb, Dayton  
Sister M. Francis Scholl,  
Rochester, Minn.  
Virginia Cleveland Schmelzter,  
Twinsburg

David Hudson Schmidt, Carey  
William Curtis Severns, Cambridge  
Steven LeMar Seward,  
North Manchester, Ind.  
James Scott Sheehan, Columbus  
John Robert Sheets, Gallipolis  
Ann Elaine Sheldon, Bay Village  
Jean Phillips Sherer, Tiro  
Ann Wilda Showman, Columbus  
David Carl Shultheis, Columbus  
Susan Helence Silverman, Akron  
David Michael Sinar, Akron  
Sheryl Lynn Smilan, Lima  
Alice Osburn Smith, Kenton  
Barbara J. Smith, Springfield  
Dale Bryan Smith, Springfield  
Dale Leslie Smith, Latham  
Dennis Arland Smith, Ashville  
Marla Vogelaar Snider,  
Fairview Park

Larry Michael Solove, Columbus  
Kenneth Jerome Spicer, Willoughby  
Mason Lewis Srole,  
Silver Spring, Md.  
John McNaugher Stang, Wooster  
Jean Ann Staudt, Akron  
Roger Ray Stinehart, Lima  
Robert Daniel Strung, Westlake  
Gloria Crotty Swanson, Columbus  
Mary Elizabeth Tann, Hamilton  
Linda Sue Teetor, Marion  
Dennis Dunbar Terry, Nashua, N. H.  
Maureen Kennedy Terry, Columbus  
Linda Sue Teetor, Marion  
David Allen Thompson, Reynoldsburg  
Pamela Cutter Thompson, Columbus  
Margaret Ann Thoms, Vermilion  
Bridget Mary Tobin, East Liverpool  
Okey Jennings Tolley, Jr., Columbus  
Michael James Tomsie, Lockbourne  
Sandra Lee Tosca, Ashville  
Christina Toscani, Dayton  
Charles Deebant Trexler, Columbus  
Robert Curtis Turner, Maumee  
John Anton Uhler, Broadview Heights  
Daniel Janse VanAntwerp, Solon  
Dennis Alan Vidmar,  
Cleveland Heights  
Nancy Cooke Vincent, Columbus  
John David Waddell, Miamisburg  
Charles Andrew Walter, Litchfield  
Joseph Charles Ward, Lakewood  
David Rush Watkins, Rushsylvania  
Carl Sylvester Wehri, Cloverdale  
Mary Elizabeth Weiler, Polk  
Dennis Leslie Weinberger,  
University Heights

Marilyn Lisle Welker, Columbus  
Robert Edmund Wenzke, Dayton  
Norma Gunning West, Lima  
Douglas Alan Wetzel, Greenville  
Dorothy Shambarger Widman,  
Columbus

Joyce Renee Wilkin, Bellville  
Mary Patrice Williams, Worthington  
Penny Diane Winkle, Sagamore Hills  
David Eugene Wolford, Clayton  
Pauline Pui-Ling Wong,  
Kowloon, Hong Kong  
Joel Davis Worshtil, Toledo  
Yvonne Rae Yerak, Willoughby  
Jeffrey Earl Young, Columbus  
Wallace Howard Young, Fairfield  
Gary Yovan, Elyria  
Beverly Jane Zahn, Lorain  
MaryJo Kurko Zeck, Martins Ferry  
James Dennis Zielinski,  
Chicago, Ill.  
Steven E. Zartman, Springfield

#### **Cum Laude and with Distinction in Agricultural Education**

Ervin Roger Pickering,  
Speedway, Ind.  
Thomas Joseph Rosenbeck, St. Henry

#### **Cum Laude and with Distinction in Agronomy**

Scott Walter Rowe, Homerville

#### **Cum Laude and with Distinction in Anthropology**

Daniel Michael Beal, Brecksville  
Alan Neuser Kozlowski, Columbus

#### **Cum Laude and with Distinction in Computer and Information Science**

James Peter Ricciardi, Hillsdale, N. J.

#### **Cum Laude and with Distinction in English**

Mark William Catalano, Norwalk  
John Kijinski, Columbus

#### **Cum Laude and with Distinction in History**

Gary Stuart Glazer,  
University Heights  
Donald Ledford McElwee, Dayton  
Susan Shuttleworth Shumaker,  
Pittsburgh, Pa.

#### **Cum Laude and with Distinction in Home Economics**

Nancy Sue Glenn, Ashland

#### **Cum Laude and with Distinction in Horticulture**

Craig Edward Allen, Bellaire

**Cum Laude and with Distinction  
in Journalism**

Ann Christine Hindman Brown,  
Columbus

**Cum Laude and with Distinction in  
Mathematics**

Donald Leon Stuber, Amherst

**Cum Laude and with Distinction in  
Medieval and Renaissance Studies**

Linda Jean Thomas, Westbury, N. Y.

**Cum Laude and with Distinction  
in Political Science**

Thomas Michael Aldrich, Trotwood  
Douglas Edward Ebert, Cardington

**Cum Laude and with Distinction  
in Psychology**

Stephen Ira Katz, Cleveland Heights  
Meleesa Anne Pervaneau, Columbus  
George Kirby Richards, Columbus

**Cum Laude and with Distinction  
in Russian**

Jacqueline Lee Howlett, Berea  
Claire Paulette Smith, Columbus

**Cum Laude and with Distinction in  
Speech Communication**

Earl E. Murton, Columbus

**Cum Laude and with Distinction  
in Zoology**

Joseph Popp, Willowick  
Murray Mike Wolfe, Akron

**With Distinction in Agricultural  
Economics and Rural Sociology**

Daniel Wilson Friedly, Convoy  
David Clark McCoy, Fredericktown

**With Distinction in Agronomy**

John Richard Haines, Montpelier  
Robert Carl Robinson, Galion

**With Distinction in Animal Science**

Jerry Francis Bailey, Cincinnati  
Robert Ray Motycka, Scott

**With Distinction in Anthropology**

Lawrence Edgar Bechler,  
Glendale, Wis.

**With Distinction in Biological Sciences**

Robert John Walter, Parma

**With Distinction in English**

Vicki Anne Adams, Columbus  
Linda Ellen Adler, Snyder, N. Y.  
Thomas Christopher Amorose, Dublin

**With Distinction in Journalism**

Vicki Clare Heldman, Columbus

**With Distinction in Natural Resources**

Ronald Theodore Kus,  
Garfield Heights

**With Distinction in Pharmacy**

Patrick Joseph O'Neill, Columbus

**With Distinction in Philosophy**

Joseph Thomas Tolliver, Akron

**With Distinction in Spanish**

Susan Anne Stephen Hsu, Columbus  
Archie Robert Lauer, Columbus

Page 715 Blank

Page 716 Blank

INDEX TO OFFICERS AND EMPLOYEES

1971-1972

A

Alkire, Helen P. . . . .	598
Anderson, Margaret E. . . . .	241
Arisman, Kenneth J. . . . .	259
Arns, Robert G. . . . .	12
Atwell, Robert J. . . . .	596

B

Bailey, Raymond A. . . . .	513
Bartlett, Kaye F. . . . .	549
Baver, Leonard . . . . .	551
Baxter, Earl Hayes . . . . .	219
Beatty, Hugh Gibson . . . . .	287
Beckwith, Grace R. . . . .	180
Bedeski, Robert Edward . . . . .	179
Bekker, Hugo . . . . .	239
Bennington, Howard M. . . . .	549
Best, Lawrence A. . . . .	445
Biggs, Ernest R. . . . .	220
Black, David E. . . . .	178
Bloomfield, David S. . . . .	549
Bogatay, Paul J. . . . .	531
Bondurant, Byron L. . . . .	513
Bourguignon, Erika E. . . . .	512
Bowers, Edison L. . . . .	42
Boyd, J. Hayden . . . . .	268
Boyne, David H. . . . .	168
Bozeman, Alvia . . . . .	293
Briggs, Gregory A. . . . .	15
Brooks, Keith . . . . .	598
Brown, Elizabeth . . . . .	597
Brown, Joseph P. . . . .	549
Brownell, Katharine A. . . . .	551
Brunner, Marjorie L. . . . .	179
Bugoci, Normalee B. . . . .	268
Bull, Colin B. B. . . . .	512
Burnett, Carolyn N. . . . .	179
Butter, Reinhart F. H. . . . .	14

C

Carson, Gordon B. . . . .	2, 11, 180
Carter, Earl P. . . . .	597
Chadeayne, Lee . . . . .	15
Chang, Hao . . . . .	240
Christoforidis, Anthimos J. . . . .	240
Coles, Harry L. . . . .	169
Colinvaux, Paul A. . . . .	240

Condoide, Mikhail V. . . . .	221
Connor, Laurence R. . . . .	551
Cook, Don E. . . . .	239
Corbato, Charles E. . . . .	548
Cottrell, Donald P. . . . .	551
Craig, Paul G. . . . .	445
Crepeau, George P. . . . .	177
Cunningham, Omar Leo . . . . .	260

D

Dally, Lynn . . . . .	179
Davidson, Joseph K. . . . .	550
Davidson, Ralph H. . . . .	15
Dean, Helen E. . . . .	293
DeBrosse, Adrian C. . . . .	464
Deep, Ira W. . . . .	169
Dickerson, William Eugene . . . . .	222
Dorsey, Robert S. . . . .	13, 571, 620
Dunlap, John H. . . . .	542, 572, 620

E

Eckley, Frederick R. . . . .	542
Edwards, Alice D. . . . .	551
Efland, Arthur D. . . . .	169
Ehlers, Ernest George . . . . .	178
Emery, Walter B. . . . .	596
Enarson, Harold L. . . . .	509
Engel, James F. . . . .	386

F

Fawcett, Novice G. . . . .	9, 11, 12, 158, 164, 174, 231, 235, 267, 313, 384, 511, 543, 573, 617, 619
Ferkany, Edward A. . . . .	445
Fisher, Sydney N. . . . .	551
Fontana, Mars G. . . . .	597
Fontana, Mary E. . . . .	293
Frymier, Jack . . . . .	598

G

Gabel, John B. . . . .	12, 169, 385
Garner, Richard T. . . . .	179
Garrett, Alfred B. . . . .	180
Geer, Jack C. . . . .	169
Geis, Michael L. . . . .	168
Gilliland, Dale V. . . . .	551

Glower, Donald . . . . .	597
Gogate, Shashikala A. . . . .	15, 550
Goldthwait, Richard P. . . . .	385
Gordon, Agnes M. . . . .	597
Graham, Bruce D. . . . .	597
Graves, Grant O. . . . .	532
Graves, Judith A. . . . .	241
Griffin, David A. . . . .	169, 597
Griffing, J. Bruce . . . . .	597
Grimm, Harold J. . . . .	551
Groves, Robert H. . . . .	178, 549
Guard, Willard Frost . . . . .	223
Gushman, John L. . . . .	620

H

Hairston, Elaine Hayden . . . . .	239
Hall, William E. (Dr.) . . . . .	440
Hamelberg, William . . . . .	597
Hamlett, Hunter D. . . . .	240
Hannoush, Essa G. . . . .	293
Hare, John Solomon . . . . .	261
Harris, Preston M. . . . .	551
Harrod, M. Merle . . . . .	620
Hartman, Frank A. . . . .	43
Hathaway, Jack E. . . . .	15
Havener, William H. . . . .	513
Haynie, H. Campbell . . . . .	293
Heck, James B. . . . .	177
Heiskanen, Weikko Alexanteri . . . . .	310
Henderson, John P. . . . .	178
Herrick, John H. . . . .	386
Hilliker, Don M. . . . .	13, 620
Hixson, Chalmer G. . . . .	386
Holowaychuk, Nicholas . . . . .	14
Hornung, Kenneth George . . . . .	568
Hough, John B. . . . .	549
Hovey, Harold A. . . . .	550
Howe, G. Edwin . . . . .	385
Howe, Robert . . . . .	598
Hufford, Jack E. . . . .	268

J

Jewett, Robert . . . . .	598
Johnson, Ernest W. . . . .	169
Jones, Russel C. . . . .	12, 168
Jones, Russell W. . . . .	261
Jossem, E. Leonard . . . . .	169

K

Kane, Edward J. . . . .	513
Keller, Geoffrey . . . . .	177
Kemp, Clarence Gratton . . . . .	415

Kircher, Everett J. . . . .	180
Kirkbride, Robert Lee . . . . .	239
Knapp, David A. . . . .	179
Knapp, Deanne Erma . . . . .	179
Knower, Franklin H. . . . .	551
Koenig, Beverly A. . . . .	292
Koestner, Adalbert . . . . .	385
Kollaritsch, Felix P. . . . .	596
Kottman, Roy M. . . . .	380
Kraus, John D. . . . .	12
Kristoffersen, T. . . . .	169
Kuhn, Albert J. . . . .	8, 380, 444, 445
Kunin, Jack Henry . . . . .	15

L

Lachner, Bernard J. . . . .	167, 595
LaPidus, Jules B. . . . .	445
Lawson, Wayne . . . . .	598
Leggett, Ernest W. . . . .	168, 214, 231, 380, 542
Leissa, Arthur W. . . . .	549
Levine, Raphael D. . . . .	550
Li, Tien-Yi . . . . .	168
Lindsey, David Earl . . . . .	14
Lipetz, Leo . . . . .	597
Little, Robert C. . . . .	597
Llorens, Ana R. . . . .	14
Lloyd, Florence L. . . . .	386
Luce, Harold T. . . . .	597
Ludden, Franklin . . . . .	598
Lux, Donald . . . . .	598

M

Mahan, Gerald L. . . . .	178
Makley, Torrence A., Jr. . . . .	168
Marantz, Kenneth A. . . . .	178, 598
Markels, Julian H. . . . .	377
Marks, Bernard H. . . . .	597
McBride, Florence . . . . .	224
McCoy, James R. . . . .	238
McDonagh, Edward C. . . . .	169
McDonald, Leslie Ernest . . . . .	177, 595
McGrew, Charles D. . . . .	268
Mealy, Mary R. . . . .	180
Medley, Joseph F. . . . .	168
Meiling, Richard L. . . . .	15, 16
Metz, Earl N. . . . .	445
Meyer, Bernard S. . . . .	15
Miller, Robert Frederick . . . . .	616
Miller, Roger A. . . . .	239
Mislin, Guido . . . . .	550
Mitchell, John H. . . . .	533
Montz, John M. . . . .	415

Morford, Mark P. . . . .	597
Moulton, Edward Q. . . . .	167, 542
Murdick, Philip W. . . . .	548
N	
Naylor, Audrey Jean . . . . .	386
Nelson, John P. . . . .	168
Nelson, Sidney . . . . .	169
Nelson, William E., Jr. . . . .	268, 548
Newark, Christine . . . . .	416
O	
Ogden, Eric . . . . .	535
Old, Jacob W. . . . .	268, 550
Oldfather, Margaret . . . . .	293
Olson, Geraldine . . . . .	15
Oster, Clinton V. . . . .	598
Overmyer, Ronald L. . . . .	386
P	
Papangelou, Fredos . . . . .	550
Patterson, Ralph M. . . . .	614
Pettit, Lyle S. . . . .	597
Porter, Richard Douglas . . . . .	14, 550
Pressey, Alice . . . . .	616
Prior, John A. . . . .	595
R	
Rask, Norman . . . . .	240
Reese, Robert . . . . .	598
Reisch, Kenneth W. . . . .	548
Reynard, Harold E. . . . .	180
Roaden, Arliss L. . . . .	445
Robinson, Francis P. . . . .	386
Robinson, Nancy E. . . . .	596
Rodowskas, Christopher A. . . . .	179
Rohrer, John D. . . . .	549
Rohrs, William F. . . . .	178
Ross, Arnold E. . . . .	169
Ross, Charles . . . . .	12
Rothney, John A. M. . . . .	179
Ruzicka, Francis . . . . .	598
S	
Sachs, Samuel Joseph . . . . .	465
Safford, William C. . . . .	620
St. Pierre, Ronald L. . . . .	596
Saunders, Elmo Stewart . . . . .	268
Saunders, William H. . . . .	168

Schindler, Raymond A. . . . .	178, 292, 293
Schlessinger, Fred R. . . . .	551
Scobie, Kathleen . . . . .	241
Scott, Madison H. . . . .	168, 176
Seidlin, Oskar . . . . .	551
Serif, George . . . . .	597
Sessions, Eldon Bryson . . . . .	465
Shapiro, Arnold . . . . .	14
Sharp, John W. . . . .	240
Shillito, Frederick H. . . . .	180
Shimp, Everett C. . . . .	597
Shocknessy, James W. . . . .	2-5, 15, 47, 158, 174-176, 234, 290, 374, 438, 440, 506, 509, 542, 543, 545, 571, 620
Shonting, Daniel M. . . . .	466
Sirak, Howard D. (Dr.) . . . . .	2, 4, 620
Smith, C. Roger . . . . .	445, 596
Smith, David H. . . . .	513
Smith, Halbert C., Jr. . . . .	240
Smith, Thomas B. . . . .	168
Snyder, Dick P. . . . .	262
Staiger, J. Norman . . . . .	180
Stanger, Ronald J. . . . .	180
Stein, Jay Harold . . . . .	445
Stephen, William A. . . . .	293
Stephens, Thomas . . . . .	598
Strobel, Harry L. . . . .	417
Stuessy, Tod F. . . . .	180
Syverson, Aldrich . . . . .	598

T

Taaffe, Edward J. . . . .	168
Teater, Robert W. . . . .	238
Tharp, Vernon L. . . . .	292
Titchener, John Bradford . . . . .	569
Turnbull, Robert . . . . .	597

U

Ullery, John C. (Dr.) . . . . .	11
Uotila, Urho A. . . . .	597

V

Van Demark, Noland . . . . .	597
Vander Zanden, James W. . . . .	386
Von Eschen, Garvin L. . . . .	597

W

Walker, Harvey . . . . .	44
Walker, John A. . . . .	169

Walker, R. Wayne . . . .	178
Wallschlaeger, Charles . . . .	598
Warner, William E. . . . .	225
Washington, Donald R. . . . .	179, 550
Webber, Joan M. . . . .	596
Weicher, John C. . . . .	550
Widner, Ralph R. . . . .	239
Williams, Darnell . . . . .	597
Williams, Thomas R. . . . .	169
Wise, Consuelo . . . . .	15
Wolff, David Alwin . . . . .	179
Wu, Ting-Shu . . . . .	241

Y

Yarrington, Paul . . . . .	597
Young, Clair W. . . . .	14
Young, Mary E. . . . .	240
Yovits, Marshall . . . . .	597

Z

Zimmerman, Richard H. . . . .	168
Zollinger, Robert M. . . . .	597

## GENERAL INDEX

1971-1972 Minutes

## A

Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio . . . . .	555
Academy for Contemporary Problems (The) . . . . .	8
Accountant's Report on the University Dormitory Revenue Bond Funds . . . . .	288
ACTION, Procurement Division, Washington, D. C. . . . .	282
Administrative Officials, Appropriations for University . . . . .	226
Administrative Science, College of . . . . .	163, 589
Administrative Structure, Realignment of Central . . . . .	164
Admissions and Records, Director of . . . . .	167
African American Institute, New York, New York . . . . .	404, 563
Agency for International Development, Department of State, Washington, D. C. (Grants) . . . . .	252, 281, 303, 561
Agency for International Development, Department of State, Washington, D. C. (Research Foundation Contract) . . . . .	600
Agency for International Development, Office of Procurement, Contract Services Division, Washington, D. C. . . . .	182
Agency for International Development, United States Government, Washington, D. C. . . . .	199, 200
Agreements . . . . .	24, 196, 215, 250
Agricultural Technical Institute, Wooster . . . . .	41, 291, 411
Agriculture and Home Economics, College of . . . . .	163, 196, 526, 589
Agriculture and Natural Resources, College of, Michigan State University . . . . .	196
AID, Mission to Venezuela, American Embassy, Caracas, Venezuela, New York . . . . .	243
Air-Control Mechanical Contractors, New Albany, Ohio . . . . .	528
Air Force, Department of, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio . . . . .	185, 295
Air Force, Department of, Air Force Office of Scientific Research, Arlington, Virginia . . . . .	187, 394, 450, 517, 602
Air Force, Department of, Air Force Office of Scientific Research, Air Force Systems Command, Arlington, Virginia . . . . .	450, 518, 602
Air Force, Department of, Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico . . . . .	185
Air Force, Department of, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio . . . . .	18
Air Force, Department of, Air Force Systems Command, Air Force Systems Division, Wright-Patterson Air Force Base, Ohio . . . . .	17
Air Force, Department of, Air Force Systems Command, 4950th Test Wing (Technical), Wright Patterson Air Force Base, Ohio . . . . .	295, 447, 515
Air Force, Department of, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York . . . . .	182, 185, 389, 447, 448, 553, 600
Air Force, Department of, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio . . . . .	182-185, 243, 270, 271, 388-389, 553
Air Force, Department of, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts . . . . .	183, 390, 553
Air Force, Department of, Office of Scientific Research, Arlington, Virginia . . . . .	275, 517

Air Force, Department of, Space and Missile System Organization, Air Force Systems Command, Norton Air Force Base, California . . . . .	390
Airport Building--Hangars No. 1, No. 2 and No. 3, Repair to Roof (3160 Case Road) . . . . .	408, 566
Airport Development--1971 . . . . .	408, 613
Alcoa Foundation, Pittsburgh, Pennsylvania . . . . .	303
Alexander & Alexander, New York, New York . . . . .	263, 311, 418, 419
Allen County Technical Institute at Lima . . . . .	250
Allied Medical Professions, School of . . . . .	163, 589
Ambulatory Patient Teaching Facility . . . . .	41, 212
Amendment to Action of Board of Trustees - May 7, 1971 . . . . .	47
American Cancer Society, Inc., New York, New York . . . . .	193
American Cancer Society, Milwaukee Division, Milwaukee, Wisconsin . . . . .	23
American Cancer Society, Ohio Division, Columbus, Ohio . . . . .	519
American Cancer Society, Ohio Division, Inc., Cleveland, Ohio . . . . .	299, 396
American Electric Power Service Corporation, New York, New York . . . . .	279
American Foundation for Pharmaceutical Education, Washington, D. C. . . . .	284, 525
American Heart Association, Columbus, Ohio . . . . .	458
American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio . . . . .	298, 299
American Heart Association, Inc., New York, New York . . . . .	23, 193
American Iron and Steel Institute, New York, New York . . . . .	397, 600
American Medical Association, Chicago, Illinois . . . . .	202
American Oil Foundation, Chicago, Illinois . . . . .	255
American Petroleum Institute, Washington, D. C. . . . .	391
American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc., New York, New York . . . . .	520
American Veterinary Medicine Association Foundation, Chicago, Illinois . . . . .	396
Andersons Agricultural Research Fund (The) . . . . .	380
Animal Science Livestock Center . . . . .	213
Animal Science Livestock Center - Case Road Complex . . . . .	38, 39
Animal Science Livestock Center - Sawmill Road Complex . . . . .	37, 38
Animal Science Livestock Center - Waterman Farm Complex . . . . .	39
Appointing Authority for Civil Service Employees, Legal Designation Appropriations . . . . .	176 227
Aquatrol, Inc., Chicago, Illinois . . . . .	196
Armco Foundation, Middletown, Ohio . . . . .	284
Army, Department of, Aberdeen Proving Ground, Aberdeen Proving Ground, Maryland . . . . .	184
Army, Department of, Defense Supply Service, Washington, D. C. . . . .	184
Army, Department of, Harry Diamond Laboratories, Washington, D. C. . . . .	389, 515
Army, Department of, Letterkenny Army Depot, Chambersburg, Pennsylvania . . . . .	447
Army, Department of, New York Procurement Agency, New York, New York . . . . .	18
Army, Department of, Office of Civil Defense, Contracts Division, Washington, D. C. . . . .	184
Army, Department of, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C. . . . .	515, 553
Army, Department of, U. S. Army Medical Research and Development Command, Washington, D. C. . . . .	389, 447

Army, Department of, U. S. Army Missile Command, Redstone Arsenal, Alabama	184
Army, Department of, U. S. Army Research Office - Durham, Duke Station, Durham, North Carolina	604
Arnold, Carl R. (Cap), Agricultural Credit Fund	256
Arps Parking Ramp, Waterproofing Top Floor Levels	306, 462
Artillery Barn, 2170 Olentangy River Road	413
Artillery Cottage, Garage and Shop, 2150 Olentangy River Road	413
Arts, College of The	163, 589
Assistant Vice President for Business Management	167
Associates of Medicine (The), Columbus, Ohio	28, 202, 254, 283, 401, 458, 524, 563
Authorization for Interim Expenditures	8
Authorization to Sell and Acquire Securities	231

B

B & B Wrecking Company, Cleveland, Ohio	307
Babcock and Wilcox Company (The), Alliance, Ohio	187
Babcock and Wilcox Company (The), Research and Development Division, Alliance, Ohio	516
Bachelor of Science in Natural Resources	441
Bailey, Ervin G., Easton, Pennsylvania (Gift)	404
Baker, Carlyle M., Columbus, Ohio (Gift)	403
Baker, Floyd H., Corp. (The)	567
Baldanhofer, Ralph R., Springfield, Ohio	526
Barton, Robert K., Memorial Fund for the College of Law	402
Battelle Memorial Institute, Columbus, Ohio (Grant)	402
Battelle Memorial Institute, Columbus, Ohio (Research Foundation Contracts)	186, 296
Battelle Professorship in Theoretical Chemistry	402
Beef Cattle Barn, 2027 Plumb Hall Court	413
Bell Telephone Laboratories, Columbus, Ohio	402
Biggs, Ernest R., Memorial Fund (The)	405
Biggs, Ernie, Athletic Training Facility	267
Biological Sciences Building--Air Conditioning Rooms 116, 120, 127 and 129	409, 614
Biological Sciences, College of	163, 589
Board of Overseers	8
Boeing Company (The), Wichita Division, Wichita, Kansas	19, 244, 516
Bradner, H. T., Fund for the College of Law (The)	403
Bremer Foundation (The)	29, 202
Bright, Earl E., Inc.	566
Bristol Laboratories, Syracuse, New York	284
Brown Hall--Heating and Ventilating System Repair	460, 567
Brown, Helen D., Estate of	257
Brown, Helen D., Scholarship	257
Bruner Corporation, Columbus, Ohio	528
Buckeye International Foundation, Columbus, Ohio	404
Buckeye Village	164
Buckeye Village--Modernization of Electrical Systems in Phase One Buildings	305
Budget	160
Budget for 1971-1972	5, 9, 160, 380
Budget for 1972-1973	586
Buick Motor Division of General Motors, Flint, Michigan	610

Buildings and Property, Purchase of . . . . .	307, 308
Burroughs Electric Co., Inc. . . . .	463
<u>By-Laws of the Board of Trustees and Rules for the University Faculty,</u>	
Amendments to . . . . .	291, 321, 594

C

Cap-Tar Construction, Inc., Columbus, Ohio . . . . .	528
Carmichael, Dan A. . . . .	42
Cavett, L. M., Company, Lockland, Ohio . . . . .	286
Center for Tomorrow . . . . .	209, 619
Center for Tomorrow - Completion of Third Floor . . . . .	218, 408, 528
Center for Tomorrow Fund . . . . .	403
Center for Vocational and Technical Education . . . . .	226
Centerville Public Schools, Centerville, Ohio . . . . .	187
Central Ohio Construction Co. . . . .	39
Central Ohio Heart Association, Inc., Columbus, Ohio . . . . .	276-278, 298, 299
Chadwick, L. C., Research Fund . . . . .	203
Children's Hospital - Dispatch Charities - Pro-Am Championship, Columbus, Ohio . . . . .	402
Cincinnati Floor Co. . . . .	462
Classroom Buildings--Installation of Fire Alarm Systems . . . . .	212
Clinical Medical Sciences Education Facility . . . . .	41, 213, 412
Clow Foundation, Chicago, Illinois . . . . .	405
Cockins Hall Remodeling . . . . .	40, 213
College of Agriculture: Land, Barns and Teaching Facilities . . . . .	213, 411
College of Optometry Clinical Facilities . . . . .	411
Columbia Cement Company, Columbus, Ohio . . . . .	196, 300
Columbia Gas of Ohio, Inc. . . . .	214, 308
Columbus, City of, Division of Workhouse, Columbus, Ohio . . . . .	456
Columbus Dental Manufacturing Co. (The), Columbus, Ohio . . . . .	19
Columbus Public Schools, Columbus, Ohio . . . . .	448
Columbus & Southern Ohio Electric Company, Columbus, Ohio . . . . .	300, 397
Commerce, Department of, Office of Minority Business Enterprise, Washington, D. C. . . . .	390
Committee for Selection of a President . . . . .	4
Commonwealth of Puerto Rico, Office of the Governor, Puerto Rico Planning Board, Santurce, Puerto Rico . . . . .	448
Consultative Committee to Advise in the Selection of a President, Report on . . . . .	4, 158, 174, 235, 266, 290, 374, 438, 509, 510
Continental Casualty Insurance Company . . . . .	572
Coordinating Research Council, New York, New York, and Environmental Protection Agency, Durham Contracts Operation, Research Triangle Park, North Carolina . . . . .	272
Council on Library Resources, Washington, D. C. . . . .	194
Craig Corporation of Delaware, Inc., Newark, Ohio . . . . .	402
Croson, J. A., Plumbing & Heating . . . . .	463
Cullum, A. Earl, Jr., & Associates, Dallas, Texas . . . . .	29
Cullum, A. Earl, Jr., & Associates, Consulting Engineers, Inwood Post Office, Dallas, Texas . . . . .	245, 391
Cummins, Marty . . . . .	11

D

Dairy Cattle Barn, 1973 Plumb Hall Court . . . . .	413
Danis, B. G., Company . . . . .	613

Dayton Board of Education, Dayton, Ohio . . . . .	392
Deafness Research Foundation (The), New York, New York . . . . .	395
Degrees . . . . .	8, 287, 292, 441, 442, 593
Demolition of Buildings . . . . .	258, 307, 309
Demolition of Farm Buildings . . . . .	413
Demolition - Horticulture and Forestry Greenhouses . . . . .	309
Demolition - State Health Laboratory - 382 West 10th Avenue . . . . .	307
Dental Hygiene . . . . .	163, 589
Dentistry, College of . . . . .	163, 589
Derby Hall--Improvements for Political Science Department . . . . .	305
Designated Chairs and Professorships . . . . .	443
Distinguished Service Awards . . . . .	6
Doctor of Arts . . . . .	287
Dodd Hall Addition . . . . .	285
Dogs and Other Animals, Control of . . . . .	216
Donanberg, Bernard . . . . .	11
Drake, Edward S., Union . . . . .	177
Dreyfus, Camille and Henry, Foundation, Inc., New York, New York . . . . .	401
Drinko, John D., Cleveland, Ohio (Gifts) . . . . .	404, 525
Duckworth Plumbing Co., Inc. . . . .	38, 39, 529
Dulles, Foster Rhea, Memorial Fund . . . . .	406
du Pont de Nemours, E. I., & Company, Inc., Wilmington, Delaware . . . . .	457
Duriron Company, Inc. (The), Dayton, Ohio (Grant) . . . . .	29
Duriron Company, Inc. (The), Dayton, Ohio (Research Foundation Contract)	392
Duriron Professorship in Metallurgical Engineering . . . . .	29

E

Earned Indirect Costs . . . . .	30
Easements . . . . .	214, 308, 309, 531
Eastman Kodak Company, Rochester, New York . . . . .	303
Education, College of . . . . .	163, 589
Edwards, Homer M., Memorial Fund . . . . .	525
Electric Power & Equipment Co. . . . .	411, 461
Electrical Engineering, Department of . . . . .	303, 402
Electrical System Repairs 1972 (Brown Hall, Hagerty Hall, Page Hall) . . . . .	409, 530
Endowed Chairs . . . . .	443
Endowed Professorships . . . . .	443
Engineering, College of . . . . .	163, 589
Environmental Protection Agency, Durham Contracts Operation, Research Triangle Park, North Carolina, and Coordinating Research Council, New York, New York . . . . .	272
Environmental Protection Agency, Office of Air Programs, Washington, D. C. . . . .	555
Environmental Protection Agency, Water Quality Office, Washington, D. C. . . . .	23, 556
Esso Education Foundation, New York, New York . . . . .	405
Eversole, R. E. . . . .	462, 567
Executive Director of Finance and Treasurer . . . . .	165
Executive Director of Personnel Services . . . . .	165
Executive Director of University Planning . . . . .	165
Executive Vice President, Office of . . . . .	167

F

Faculty Club (The) . . . . .	442
------------------------------	-----

Farber Corporation . . . . .	37, 567
Farley Paving . . . . .	36, 39
Fawcett, Novice G., Center for Tomorrow (The) . . . . .	619
Fawcett, Novice G., Professorship in Educational Administration . . . . .	402
Federal Aviation Administration Federal Aid Program Airport Development . . . . .	214, 593
Fees . . . . .	162, 443, 589
Fergus, Robert H., Dublin, Ohio (Gift) . . . . .	610
Finance and Investment Committee . . . . .	226
Finance and Treasurer, Executive Director of . . . . .	165
Financial Reports - 1970-1971 . . . . .	288
First Supplemental Trust Agreement - General Receipts Bonds . . . . .	45, 83
Ford Foundation (The), New York, New York (Grants) . . . . .	28, 201, 281, 282
Ford Foundation (The), New York, New York (Research Foundation Grant) . . . . .	194
Foundation for Endowment of a Chair . . . . .	610

G

Gates, McDonald & Company, Columbus, Ohio . . . . .	216
General Dormitories . . . . .	164
General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio . . . . .	186, 271
General Electric Foundation, Bridgeport, Connecticut . . . . .	303
General Industrial . . . . .	244, 296
General Motors Corporation, Detroit, Michigan . . . . .	402
General Motors Research Laboratories, Warren, Michigan . . . . .	204
General Motors Scholarship Fund . . . . .	402
General Motors Technical Center, Warren, Michigan . . . . .	196
Geology, Department of . . . . .	441
Geology and Mineralogy, Department of . . . . .	441
Gesling Co. (The) . . . . .	38
Gifts-in-Kind . . . . .	526, 565
Gleason, Emmet Blakeney, Memorial Fund, Inc. (The), Rochester, New York . . . . .	284
Goss Laboratory--Partial Remodeling . . . . .	612
Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B . . . . .	211, 410, 461
Graduate School . . . . .	163, 589
Grimes Foundation (The), Delray Beach, Florida . . . . .	524
Guy, J. A., Company . . . . .	286, 614

H

Harding, Lowry W. (Gift) . . . . .	205
Harding, Lowry W., Fellowship Fund (Dr.) (The) . . . . .	205
Hartford, John A., Foundation, Inc. (The), New York, New York (Grants) . . . . .	283, 563
Hartford, John A., Foundation, Inc. (The), New York, New York (Research Foundation Grant) . . . . .	451
Health, Education and Welfare, Department of, Office of Education, Chicago, Illinois . . . . .	394, 557
Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Grants) 25, 27, 197-200, 252, 281, 302, 454, 522, 523, 561, 562, 609	

Health, Education and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Grants)	190, 191, 449, 450, 557
Health, Education and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C. . . . .	25, 253, 401, 608
Health, Education and Welfare, Department of, Office of Education, Bureau of Libraries and Educational Technology, Washington, D. C. . . . .	281
Health, Education and Welfare, Department of, Office of Education, Contracts and Grants Division, Washington, D. C. (Research Foundation Contract) . . . . .	18
Health, Education and Welfare, Department of, Office of Education, Contracts and Grants Division, Washington, D. C. (Research Foundation Grant) . . . . .	22
Health, Education and Welfare, Department of, Office of the Secretary, Washington, D. C. . . . .	554
Health, Education and Welfare, Department of, Public Health Service, Bethesda, Maryland . . . . .	25-27, 197-201, 253, 302, 303, 399-401, 454-456, 522-524, 561, 562, 608-610
Health, Education and Welfare, Department of, Public Health Service, Food and Drug Administration, Rockville, Maryland . . . . .	20, 21, 190, 601
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland . . . . .	201, 399
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland . . . . .	197, 454, 523, 608
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Federal Health Program Service, Rockville, Maryland . . . . .	244
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland 20-22, 189, 273, 276, 449, 602	
Health, Education and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Occupational Safety and Health, Rockville, Maryland . . . . .	185
Health, Education and Welfare, Department of, Public Health Service, National Institute of Mental Health, Bethesda, Maryland . . . . .	191, 192, 392
Health, Education and Welfare, Department of, Public Health Service, National Institute of Occupational Safety and Health, Cincinnati, Ohio . . . . .	191
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland . . . . .	274, 603
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland . . . . .	252, 253, 282, 302, 303
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Allied Health Manpower, Bethesda, Maryland . . . . .	189
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physician and Health Professions Education, Bethesda, Maryland . . . . .	274
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland . . . . .	19, 272, 273, 393, 449, 555, 603

Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Advisory Council on Education for Health Professions, Bethesda, Maryland . . . . .	21
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Contracts) . . . . .	17, 181, 182, 270, 390, 553
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Grants) . . . . .	20, 187, 188, 191, 273, 298, 392, 449, 518, 555, 556, 601
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Center for Air Pollution Control, Bethesda, Maryland . . . . .	19
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland . . . . .	19, 21, 189, 245, 449
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland . . . . .	20
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Contracts) . . . . .	18, 183
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Grants) . . . . .	187, 189, 245, 273, 297, 393, 448, 449, 516-518, 601, 604
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Contract) . . . . .	243
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Grants) . . . . .	21, 188, 189, 274, 296
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Infectious Diseases, Bethesda, Maryland . . . . .	603
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland . . . . .	189, 245-247, 274, 275, 393, 516, 517, 602
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Contract) . . . . .	183
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Grants) . . . . .	22, 190, 297, 393
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland . . . . .	20, 450, 519
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland . . . . .	20, 246, 247, 273, 394, 517, 555, 556

Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Contract) . . . . .	185
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Grants) . . . . .	188, 246, 274, 392-394, 451, 602
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Research Foundation Contract) . . . . .	295
Health, Education and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Research Foundation Grant) . . . . .	21
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Chicago, Illinois . . . . .	454, 455, 609, 610
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois . . . . .	26, 198-200, 253, 281
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Washington, D. C. . . . .	190
Health, Education and Welfare, Department of, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C. . . . .	604
Health, Education and Welfare, Department of, Social Security Administration, Baltimore, Maryland . . . . .	604
Health, Education and Welfare, Department of, Social Security Administration, Washington, D. C. . . . .	22, 23
Heapy and Associates . . . . .	218
Heffner, Ralph, Jr., and the Heffner Construction Company, Celina, Ohio . . . . .	405
Heimberger, Helen Reese and William W., Memorial Fund . . . . .	404
Henry, Dorothy Dye, Estate of, Columbus, Ohio . . . . .	254, 283, 404
High, Charles F., Foundation (The), Bucyrus, Ohio . . . . .	284, 458, 563
Hoffmann-LaRoche, Inc., Nutley, New Jersey . . . . .	255, 283
Hog Barn, 2003 Plumb Hall Court . . . . .	413
Home Economics, School of . . . . .	203
Honorary Degrees . . . . .	238, 267, 380, 442, 547
Horticulture and Forestry Greenhouses - Demolition of Nos. 1, 2, 3, 4, 5, and 14, 1827 Neil Avenue . . . . .	309
Howard, Jess, Electric Co. . . . .	212, 258, 568, 613
Humanities, College of . . . . .	163, 589

I

Igel, George J., Co. . . . .	38, 39
Illuminating Engineering Research Institute, New York, New York . . . . .	391
Industrial Engineering, Department of . . . . .	546
Industrial Nucleonics Corporation . . . . .	414
Industrial and Systems Engineering, Department of . . . . .	546
Institute for Research in Vision . . . . .	212
Insurance and Retirement Program for University Employees . . . . .	9, 311
Interim Budget Authorization . . . . .	9
Interior, Department of, Bureau of Mines, Denver, Colorado . . . . .	515
Interior, Department of, Bureau of Mines (ARPA), Denver, Colorado . . . . .	271

Interior, Department of, Bureau of Sport Fisheries and Wildlife, Division of Fishery Services, Fort Snelling, Twin Cities, Minnesota . . . . .	184
Interior, Department of, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C. . . . .	390
Interior, Department of, National Park Service, Northeast Region Office, Philadelphia, Pennsylvania . . . . .	554
Interior, Department of the, Office of Saline Water, Washington, D. C. . . . .	401
Interior, Department of, Office of Water Resources Research, Washington, D. C. . . . .	247
International Lead Zinc Research Organization, Inc., New York, New York . . . . .	516
International Nickel Company of Canada, Ltd. (The), New York, New York . . . . .	202, 255
International Nickel Company Professorship in Corrosion Science and Engineering . . . . .	202
Investment Portfolio . . . . .	226

J

Johnson, Mary Lou (Miss), Kenton, Ohio (Gift) . . . . .	404
Johnson, Thomas . . . . .	10
Jones Graduate Tower . . . . .	164
Journalism Building Expansion . . . . .	41, 211, 411, 462, 463, 530
Joyce, Glenna R., Scholarship Fund . . . . .	283, 402, 459
Joyce, Glenna R., Trust under the Will of . . . . .	283, 402
Justus, Henry A., Columbus, Ohio. . . . .	529

K

Kappa Kappa Gamma Fraternity, Columbus, Ohio . . . . .	255
Keller, James W. (Dr.), Springfield, Ohio (Gift) . . . . .	405
Kewaune Scientific Corporation, Adrian, Michigan . . . . .	212
Kilpatrick, William Allan, Outstanding Student Award . . . . .	525
Kiplinger Foundation, Inc. (The), Washington, D. C. . . . .	401, 524
Kiplinger, Willard M., Chair in Public Affairs Reporting. . . . .	595
Kiplinger, Willard M., Professorship in Public Affairs . . . . .	401, 524
Kiplinger, Willard M., Professorship of Public Affairs in Journalism . . . . .	595
Knight, George Wells, House . . . . .	227
Kobachker, Alfred J. (Mrs.), Los Angeles, California (Gift) . . . . .	29
Koffolt, Joseph, Scholarship Award in Chemical Engineering . . . . .	402
Kurtz, Ralph W. (Mr. and Mrs.), Tampa, Florida (Gift). . . . .	403, 524
Kyle, Tom, Sr., Tipp City, Ohio (Gift) . . . . .	203

L

Labor, Department of, Manpower Administration, Washington, D. C. . . . .	190, 191
Labor, Department of, Manpower Administration, Office of Research and Development, Washington, D. C. . . . .	190, 191
Labor, U. S. Department of, Manpower Administration, Office of National Projects, Washington, D. C. . . . .	302
Laboratory Animal Center . . . . .	460
Laboratory Animal Facility Center (Sanitary Sewer) . . . . .	209
Law, College of . . . . .	163, 589
Lazarus, F. and R., Company (The), Columbus, Ohio . . . . .	403
Lazenby Hall - Remodeling of Library and Faculty Research Laboratories . . . . .	208

Le Feber, Alfred C. (Mr. and Mrs.) (Gift) . . . . .	304
Le Feber, Susan Baird, Memorial Fund . . . . .	304
Legal Designation of Appointing Authority for Civil Service Employees . . . . .	176
Life Pooled Income Fund . . . . .	283
Lilly, Eli, and Company, Indianapolis, Indiana . . . . .	202
Lima Campus . . . . .	7, 250
Lima Campus - Expansion and Improvement of Parking Facilities . . . . .	286
Lima Technical Building . . . . .	305
Limbach Company . . . . .	38, 463
Linville-Shoemaker Scholarship Fund . . . . .	205
Lorbach, Leo W. (Mrs.), Waverly, Ohio (Gift) . . . . .	284
Lubrizol Foundation (The), Cleveland, Ohio . . . . .	284
Lybrand Foundation, Columbus, Ohio . . . . .	29

M

Mansfield Campus . . . . .	531
Mansfield, City of . . . . .	531
Mansfield O. S. U. Scholarship Fund . . . . .	284
Mansfield Technical Building . . . . .	407
Marion County Technical Institute at Marion . . . . .	24
Master Plan for Don Scott Field . . . . .	379
Mathematics and Physical Sciences, College of . . . . .	163, 589
McCampbell, Andrew Harold, Scholarship . . . . .	255
McCampbell, Iride L., Estate of, Fairfield, California . . . . .	255
McCracken Power Plant - 13 KV Distribution System Extension . . . . .	212
McDonnell-Douglas Aircraft Company, St. Louis, Missouri . . . . .	565
McDougal, Taine G., Professorship in Engineering . . . . .	6
McKown Electric Company . . . . .	212
Means Hall - Roof Repairs 1972 . . . . .	409, 566
Means Hall - Ventilation System Improvements - Phase I . . . . .	210
Medical Academic Area Lighting Improvements . . . . .	258
Medical Basic Science Building . . . . .	527
Medical Complex . . . . .	213
Medical Complex Phase III . . . . .	41
Medicine, College of . . . . .	163, 201, 203, 254, 284, 401, 458, 563, 589, 610
Melton, Samuel Mendel, Foundation, Columbus, Ohio . . . . .	203
Metallurgical Engineering, Department of . . . . .	204
Michigan State University . . . . .	196
Mick, Charles J., and Florence Y., Memorial Fund . . . . .	456, 524, 563
Mick, Florence Y., Estate of . . . . .	456, 524, 563
Mid-City Electric Company . . . . .	40
Miller-Davis Electric . . . . .	462, 530
Miller, L. Paul, Electric Co., Lancaster, Ohio . . . . .	567
Miner, Robert B., Memorial Fund . . . . .	206
Mineralogy, Department of . . . . .	441
Modern Language Association of America, Center for Editions of American Authors, New York, New York . . . . .	247, 248
Moffitt, Melvin E., Estate of, San Antonio, Texas . . . . .	563
Monks, W. E., and Company . . . . .	216
Monsanto Company, St. Louis, Missouri . . . . .	36
Motor Vehicle, Traffic, Parking, Watercraft, and Bicycle Regulations . . . . .	7

Named Funds for Academic Enrichment . . . . .	444
Named Professorships . . . . .	6
Naming of Building . . . . .	267
Naming of Theatre . . . . .	177
Natatorium, 321 West 17th Avenue - Roof Repairs 1971 . . . . .	258, 410
National Academy of Sciences, National Academy of Engineering, Washington, D. C. . . . .	186
National Aeronautics and Space Administration, Washington, D. C. . . . .	246, 296
National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California (Research Foundation Contracts)	271, 390, 448
National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California (Research Foundation Grant) . . . . .	557
National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland . . . . .	20, 392, 449, 603
National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia (Research Foundation Contract) . . . . .	183
National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia (Research Foundation Grants)	188, 190, 297, 518
National Endowment for the Humanities, Washington, D. C. (Grant) . . . . .	28
National Endowment for the Humanities, Washington, D. C. (Research Foundation Grants) . . . . .	193, 248
National Machinery Foundation, Tiffin, Ohio . . . . .	458
National/Ohio 4-H Foundation Campaign . . . . .	303, 402, 524, 610
National Science Foundation, Washington, D. C. (Grants)	28, 282, 399, 400, 455, 522, 523, 562
National Science Foundation, Washington, D. C. (Research Foundation Grants) . . . . .	22-23, 190, 192, 246, 247, 274-276, 296, 297, 393-395, 450, 517-519, 555-558, 603-605
National Steel Corporation, Weirton, West Virginia . . . . .	525
National Tuberculosis and Respiratory Disease Association, New York, New York . . . . .	23, 558
Nationwide Communications, Inc. . . . .	307
Navy, Department of, Naval Air Development Center, Warminster, Pennsylvania . . . . .	448
Navy, Department of, Naval Air Systems Command, Washington, D. C. . . . .	18, 554
Navy, Department of, Naval Ship Research and Development Laboratory, Annapolis, Maryland . . . . .	515
Navy, Department of, Navy Weapons Laboratory, Dahlgren, Virginia . . . . .	515
Navy, Department of, Office of Naval Research, Arlington, Virginia (Research Foundation Contracts) . . . . .	17, 181, 184, 244, 270, 295, 388, 447, 515, 553, 554, 600
Navy, Department of, Office of Naval Research, Arlington, Virginia (Research Foundation Grant) . . . . .	395
Neil Hall, Air Conditioning and Improvements . . . . .	306, 529
Newark Campus . . . . .	204
New York Friends Group, Inc., Center for War/Peace Studies, New York, New York . . . . .	451
Niehoff, H. Richard P. (Mrs.), Columbus, Ohio (Gift) . . . . .	405
North Athletic Facility, 2490 North Fyffe Road . . . . .	267
Nursing, School of . . . . .	163, 589, 593
NUS Corporation (The), Rockville, Maryland . . . . .	520

Official Shield - School of Nursing . . . . .	593
Ohio Advisory Council for Vocational Education, Worthington, Ohio . . . . .	245
Ohio Arts Council, Columbus, Ohio . . . . .	278
Ohio Bell Telephone Company . . . . .	309
Ohio Board of Regents . . . . .	287, 399
Ohio Bureau of Employment Services, Columbus, Ohio . . . . .	254, 302, 562
Ohio Contractors Association, Columbus, Ohio . . . . .	296
Ohio Electric Utility Institute, Columbus, Ohio . . . . .	303, 402, 563
Ohio Highway Transportation Research Board . . . . .	215
Ohio Lions Eye Research Foundation (The), Columbus, Ohio . . . . .	202, 254
Ohio Lions Research Foundation, Springfield, Ohio . . . . .	203
Ohio Nurserymen's Association, Inc. (The), Columbus, Ohio . . . . .	254
Ohio Nursing Home Association, Columbus, Ohio . . . . .	28
Ohio Rehabilitation Services Commission (The), Columbus, Ohio . . . . .	522
Ohio Rehabilitation Services Commission, New Careers Program Director, Columbus, Ohio . . . . .	456
Ohio Stadium - Artificial Turf 1971 . . . . .	36
Ohio Stadium, Intramural and Recreational Lighting System . . . . .	408, 530
Ohio - State of, Department of Commerce - Division of Aviation . . . . .	312
Ohio - State of, Department of Education, Columbus, Ohio . . . . .	27, 28, 199, 400
Ohio - State of, Department of Education, Division of Special Education, Columbus, Ohio . . . . .	253, 455
Ohio - State of, Department of Education, Guidance Field Service, Columbus, Ohio . . . . .	200
Ohio - State of, Department of Health, Columbus, Ohio (Grants) . . . . .	282
Ohio - State of, Department of Health, Columbus, Ohio (Research Foundation Contract) . . . . .	271
Ohio - State of, Department of Health, Columbus, Ohio (Research Foundation Grants) . . . . .	192, 605
Ohio - State of, Department of Highways, Columbus, Ohio 24, 249, 279, 300, 397, 452, 520, 606	391
Ohio - State of, Department of Liquor Control, Columbus, Ohio . . . . .	391
Ohio - State of, Department of Mental Hygiene and Correction, Adult Parole Authority, 427 Cleveland Avenue, Columbus, Ohio . . . . .	282
Ohio - State of, Department of Natural Resources, Columbus, Ohio . . . . .	200
Ohio - State of, Department of Natural Resources, Division of Wildlife, Columbus, Ohio . . . . .	254
Ohio - State of, Department of Urban Affairs, Columbus, Ohio . . . . .	524
Ohio - State of, Department of Urban Affairs, Human Resources Division, Columbus, Ohio . . . . .	610
Ohio - State of, Ohio Industrial Relations Department, Columbus, Ohio . . . . .	605
Ohio - State of, Ohio Youth Commission (The), Columbus, Ohio . . . . .	194
Ohio State Lantern (The) . . . . .	3
Ohio State University Development Fund (The) 29, 208, 251, 280, 301, 398, 453, 521, 560, 607	607
Ohio State University Orthodontic Alumni Foundation (The), Columbus, Ohio . . . . .	458
Ohio State University Research Foundation (The) . . . . .	165
Ohio Tuberculosis and Respiratory Disease Association, Columbus, Ohio (Grant) . . . . .	610
Ohio Tuberculosis and Respiratory Disease Association, Columbus, Ohio (Research Foundation Grant) . . . . .	193

Ohio Turfgrass Foundation, Columbus, Ohio . . . . .	28
O'Neill, John J. and Elizabeth, Newark, Ohio (Gift) . . . . .	204
O'Neill, John J. and Elizabeth, Scholarship Fund (The) . . . . .	204
Ophthalmologic Center Fund . . . . .	404
Optometry Building, Improvements to Air Conditioning . . . . .	409, 567
Optometry Building, 338 West Tenth Avenue - Air Condition (Old Part) . . . . .	285, 462
Optometry, College of . . . . .	163, 203, 589
Organon, Inc., West Orange, New Jersey . . . . .	204, 525
O'Rourke, William, Wrecking Co. . . . .	211
Orthopaedic Research and Education Foundation, Chicago, Illinois . . . . .	284
Orton, Althea O., Columbus, Ohio (Gift) . . . . .	458
Orton Hall - Exterior Restoration and Waterproofing . . . . .	306
Owens Illinois Technical Center, Toledo, Ohio . . . . .	452, 520

P

Paint Research Institute, Philadelphia, Pennsylvania . . . . .	516
Parke, Davis and Company, Detroit, Michigan . . . . .	203, 284, 402, 524
Pence Electric Co. . . . .	39, 529, 530
Pennsylvania Separators Company, Brookville, Pennsylvania . . . . .	559
Personnel Services, Executive Director of . . . . .	165
Peterson, Ethel B. (Mrs.), Cleveland, Ohio (Gift) . . . . .	404
Pfizer Agricultural Division, Development Research Department, Terre Haute, Indiana . . . . .	19
Pharmacia Laboratories, Inc., Piscataway, New Jersey . . . . .	29, 405
Pharmacy, College of . . . . .	163, 201, 589
Phi Delta Kappa Educational Foundation, Trusteeship of . . . . .	594
Physical Education Building - Roof Repairs-1972 . . . . .	460, 567
Pickering, Josephine Margaret, Estate of . . . . .	254
Pickering, Woodrow Charles, Leukemia Research Fund (The) . . . . .	254
Place, Ezra and Mary C., Estates of . . . . .	201
Plans and Specifications . . . . .	36, 211, 258, 306, 408-410, 460, 461
Plant Funds . . . . .	33
Pomerene Hall Women's Swimming Pool - Remodeling of Roof and Ceiling and Lighting Improvements . . . . .	36, 212, 407
Pooled Income Trust Fund . . . . .	6, 238
Porthouse, C. R., Charitable Trust and Foundation Income Account, Ravenna, Ohio . . . . .	402
President, Committee for Selection of a . . . . .	4, 158, 174, 235, 266, 290, 374, 438, 509, 510
Presidential Search Committee . . . . .	4, 158, 174, 235, 266, 290, 374, 438, 509, 510
President's Household Furnishings . . . . .	620
Producers Livestock Association, Columbus, Ohio . . . . .	202
Property, Acceptance of . . . . .	526
Property, Purchase of . . . . .	308
Property, Sale of . . . . .	414, 467, 468
Prushing, Adah, et al . . . . .	308

Q

Quonset Huts North of Artillery Barn, 2170 Olentangy River Road . . . . .	413
---	-----

Raike, George W., Inc., Ashland, Ohio . . . . .	412
Ramseyer Hall - Renovation and Air Conditioning . . . . .	41
Reco Electric, Inc. . . . .	37, 38, 529
Reeb, R. H., Plumbing and Piping Co. . . . .	40
Refractories Institute (The), Pittsburgh, Pennsylvania . . . . .	403
Reid, J. S., Cleveland, Ohio (Gift). . . . .	404
Renovation of Cockins Hall . . . . .	213
Report on Consultative Committee to Advise in the Selection of a President . . . . .	4, 158, 174, 235, 266, 290, 374
Report from the Retirement and Insurance Committee . . . . .	263, 418
Report on University's Investment Portfolio 47, 231, 263, 288, 311, 420, 468, 536, 573, 618	
Research for Better Schools, Inc., Philadelphia, Pa. 187, 245, 272, 392, 554, 555	
Research Corporation, New York, New York . . . . .	299
Residence Halls Room and Board Rates . . . . .	162, 592
Retirement and Insurance Committee, Report from . . . . .	263, 418
Riklis, Meshulam, Chair in Business and Its Environment . . . . .	8, 610
Risley, Doris M., Estate of, Columbus, Ohio . . . . .	203
Ritter, Henry T., Fund . . . . .	401
Ritter, Henry T., Trust under the Will of, Toledo, Ohio . . . . .	401
Roadway Repairs 1972 - Roads South of Agricultural Administration Building . . . . .	409, 567
Roessler, Anna, Trust under the Will of, Columbus, Ohio 203, 254, 284, 401, 458, 563, 610	
Rohm & Haas Company, Philadelphia, Pennsylvania . . . . .	204
Roof Repairs 1971 - Natatorium, 321 West 17th Avenue . . . . .	258
Rosenberg, Jerry . . . . .	174
Ross, Ed, Construction Co. . . . .	37
Ross Laboratories, Columbus, Ohio . . . . .	203
<u>Rules for the University Faculty</u> . . . . .	216, 291, 324-335, 378, 379, 423-425, 429, 431, 433, 512, 539, 546, 547, 575
Runyon, Damon, Memorial Fund, New York, New York . . . . .	193, 194
Runyon, Damon, Memorial Fund for Cancer Research, Inc., New York, New York . . . . .	298

## S

S & S Electric Company . . . . .	38, 212
Sale of Property . . . . .	413, 467, 468
Scott, Louise Orr, Foundation, Columbus, Ohio . . . . .	201
Searle, G. D., and Company, Chicago, Illinois 203, 284, 303, 402, 458, 563, 610	
Securities, Authorization to Sell and Acquire . . . . .	231
Serling, Carolyn Kramer . . . . .	468
Serling, Carolyn Kramer, Scholarship Fund. . . . .	468
Setterlin, R. W., & Sons Co. . . . .	462
Sheep Barn, 2053 Plumb Hall Court . . . . .	413
Shell Companies Foundation, Inc., Houston, Texas . . . . .	284
Sisson Hall, 1900 Coffey Road - Air Condition Animal Rooms 133 and 144 . . . . .	286
Sisson Hall - Remodeling for Offices and Laboratories . . . . .	37, 611
Six Industries, Inc. . . . .	226
Sloan, Alfred P., Foundation, New York, New York . . . . .	193

Smith & Bruce Co. . . . .	38
Smith, Kline and French Laboratories, Philadelphia, Pennsylvania . . . . .	403
Smith, Robert B., Balboa Island, California (Gift) . . . . .	405
Snyder, D. P. (Dr.), Estate of, Columbus, Ohio . . . . .	457, 524
Snyder Research Memorial Fund . . . . .	457, 524
Snyder Student Memorial Fund . . . . .	457, 524
Social and Behavioral Sciences, College of . . . . .	163, 589
Society of Automotive Engineers, Inc., New York, New York . . . . .	248
Southgate Development Corporation, Newark, Ohio . . . . .	204
Spartan Electric Company, Lima, Ohio . . . . .	286
Speakers . . . . .	4
Speer, Julian, Company . . . . . 40, 410, 411, 461,	529
Squibb, E. R., & Sons, Inc., East Brunswick, New Jersey . . . . .	524
Stadium Scholarship Dormitory . . . . .	164
Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois . . . . .	405
Starling Loving Hall - Modernization of Electrical System in "A" Wing . . . . .	210
State Health Laboratory, 382 West 10th Avenue . . . . .	258, 307
Steel Founders' Society of America, Rocky River, Ohio . . . . .	186, 600
Stephenson, Edward C. and Hazel L., Foundation, Grosse Pointe Woods, Michigan . . . . .	402
Stephenson, Jack W., Scholarship . . . . .	563
Stephenson, Jack W., "Tackle of the Year" Award . . . . .	564
Stillman Hall Improvements . . . . .	612
Student Health Insurance Program . . . . .	572
Suburban Motor Freight, Inc., Columbus, Ohio . . . . .	303
Sullivant, Joseph, Hall (Undergraduate Library and Service Center) . . . . .	216
Sunshine Charities, Inc., Lakewood, Ohio . . . . .	403
Superior Roofing Co. . . . .	410
Supreme Council 33 <sup>o</sup> A. A. Scottish Rite (The), Lexington, Massachusetts 02173 . . . . .	28

T

Tennessee, University of (The), Knoxville, Tennessee . . . . .	608
Thurber, James (Mrs.) (Gift) . . . . .	565
Thurber, James . . . . .	177
Thurber Theatre . . . . .	177
Transfer of Earned Indirect Costs . . . . .	30
Transfers to Plant Funds . . . . .	33
Transportation, Department of, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C. . . . .	244, 295
Transportation, Department of, National Highway Traffic Safety Administration, Washington, D. C. . . . .	198
Trapp Construction Co. . . . .	37
Treasurer's Bond . . . . .	214
Trust Agreement - General Receipts Bonds . . . . .	45, 49
Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio . . . . .	203
Tweedale, Ann, House . . . . .	227
2750th ABW/PMA, Prime Procurement Branch, Bldg. 2, Area C, Wright Patterson Air Force Base, Ohio . . . . .	400

U

Umbaugh Pole Buildings Co. . . . .	38
Undergraduate Library and Service Center (Joseph Sullivant Hall) . . . . .	216

Undergraduate Library and Service Center (Joseph Sullivant Hall) - Roof and Parapet Wall Repairs . . . . .	612
Undergraduate Library and Service Center (Joseph Sullivant Hall) - 13.2 KV Primary Distribution System Extension . . . . .	461, 568
Unemployment Compensation . . . . .	216
Ungericht, Estate of Carl G. . . . .	303
Union Carbide Corporation, Marietta, Ohio . . . . .	257
Union Carbide Corporation, New York, New York . . . . .	29
Union Carbide Corporation, South Charleston, West Virginia . . . . .	29
Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee . . . . .	296
U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois . . . . .	183, 388, 447, 600
U. S. Department of Agriculture, Agricultural Research Service, Administrative Services Division, Federal Center Building, Hyattsville, Maryland . . . . .	192
U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. . . . .	25
U. S. Department of Commerce, Washington, D. C. . . . .	198
U. S. Department of the Interior, Washington, D. C. . . . .	195, 196
U. S. Department of the Interior, Environmental Protection Agency, Washington, D. C. . . . .	26
U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C. . . . .	253, 400
U. S. Department of Labor, Manpower Administration, Washington, D. C. . . . .	17
University Airport Development - 1971 . . . . .	213, 408
University Budget . . . . .	380
University College . . . . .	163, 589
University College - Building No. 1 . . . . .	565
University College - Building No. 13 . . . . .	566
University College - Phase III . . . . .	411
University of Dayton, Research Institute, Dayton, Ohio . . . . .	18, 186, 244
University Discipline Officer . . . . .	165
University Hall . . . . .	211
University Hall Complex . . . . .	412
University Hospital - Electrical Distribution in Patient Areas . . . . .	209
University Hospital - Remodel Intensive Care - Recovery Rooms . . . . .	527
University Hospital - Renovation of 11th Floor West . . . . .	410
University Hospital - Replacement of Main House Pump . . . . .	210
University Housing . . . . .	167
University Planning, Office of . . . . .	166
University Regional Campuses . . . . .	163, 589
University of Wisconsin (The), Research Administration - Financial, Madison, Wisconsin . . . . .	272
Upjohn Company (The), Kalamazoo, Michigan . . . . .	204, 403, 563
Utilicon Co. . . . .	39
Utilities and Renovation . . . . .	41, 213, 412

V

Veterinary Medicine, College of . . . . .	163, 589
Veterinary Microbiology and Parasitology, Department of . . . . .	592
Veterinary Pathobiology, Department of . . . . .	592
Veterinary Pathology, Department of . . . . .	592
Visiting Professorships . . . . .	444
Vocational - Technical Education Office Building . . . . .	226

## W

Waller & Lund . . . . .	40, 410, 461
Washburn, Grace High, Trust (The), Bucyrus, Ohio . . . . .	284, 458
Werner, Edward A., Maintenance Co. . . . .	212, 567
Westinghouse Educational Foundation, Pittsburgh, Pennsylvania . . . . .	563
White, Michael . . . . .	10
Wildermuth, E. F., Foundation, Columbus, Ohio . . . . .	303
Wilson, Florence O., Fund . . . . .	206
Winter, Alden R. (Gift) . . . . .	304
Winter, Alden R., Poultry Research Fund . . . . .	304
Woelfel, Florence (Mrs.), Columbus, Ohio (Gift) . . . . .	526, 527
Woelfel, Norman W., Memorial Cancer Research Fund . . . . .	611
Women's Self-Government Association . . . . .	229
Wray, Arene T., Estate of, Los Angeles, California . . . . .	403

## Y

Yapalater, Jeffrey . . . . .	290, 377, 440
Yassenoff Foundation (The), Columbus, Ohio . . . . .	563
Yassenoff, Leo, Columbus, Ohio (Gift) . . . . .	28
Young, Maurice A., Youngstown, Ohio (Gift) . . . . .	205

## Z

Zollinger, Robert M., Student Scholarship Fund in Surgery (The) . . . . .	458
---	-----

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

COLUMBUS

July 1, 1972 to June 30, 1973

1972-1973

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*  
(July 1, 1972 - August 31, 1972)

HAROLD L. ENARSON, *President*  
(September 1, 1972 - June 30, 1973)

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
FREDERICK R. ECKLEY, Cleveland <sup>1</sup>	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
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

<sup>1</sup> Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.

OFFICERS

FREDERICK R. ECKLEY, *Chairman*  
JOHN H. DUNLAP, *Vice Chairman*  
EDWARD Q. MOULTON, *Secretary*  
ERNEST W. LEGGETT, *Treasurer*

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 7, 1972

The Board of Trustees met at its regular monthly meeting on Friday, July 7, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Robert S. Dorsey.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

July 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN

The Chairman announced the appointment of James W. Shocknessy to the Finance and Investment Committee for the academic year 1972-1973:

Finance and Investment Committee

William C. Safford, Chairman  
Don M. Hilliker, Vice Chairman  
John H. Dunlap  
M. Merle Harrod  
James W. Shocknessy

o - o

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a University Senate

President Fawcett made the following statement:

The first of my several general recommendations this afternoon is concerned with a most important subject which has perhaps received more attention by this University's faculty, students, and administration over the past two years than any other single matter; that is, the establishment of a University Senate. The Board has been kept informed on this matter, and a copy of the proposal was mailed to each member on June 15, 1972. Over a two-year period the Faculty Council, with its membership enlarged by 33 students, has considered a wide range of proposals as to membership and structure of a University-wide legislative body which could most meaningfully respond to appropriate matters presently within the authority and jurisdiction of Faculty Council.

Countless hours have been devoted through the subcommittees and at regular and special meetings of the Faculty Council as well as numerous departmental and college faculty meetings to the examination, discussion, and recommendation of how best to constitute such a University Senate. Three successive Faculty Councils as well as student leaders from three successive student representative groups were directly involved in this deliberative process. Finally, after many compromises, the Faculty Council brought forth what its members believed to be the proposal which would have the widest degree of acceptance among the various contending segments of the University. But before taking final action, it was decided that this proposal should be the subject of both a student and a faculty referendum. The results of the faculty referendum provided a clear mandate for the Faculty

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Establishment of a University Senate (continued)

President Fawcett's statement (continued)

Council proposal. With over one-half of our faculty voting, the proposal was supported 1139 for to 511 against. In the student referendum, also, the proposal carried, although the vote was much closer, 1351 for to 1203 against. Although the student turnout was somewhat disappointing to everyone, it appeared that the entire University community made a sincere and concentrated effort to bring the issue to the fore to encourage knowledgeable and interested voting. Subsequently, the Faculty Council, at its meeting on June 7, voted 66 to 13 in favor of this proposal which I am now recommending to the Board for your favorable consideration. As you are aware, inherent in any proposal of this nature is the question of what constitutes the most appropriate division in representation of the various constituencies, in this case, faculty, students, and administration. There is little question that the division in membership called for in this proposal represents in each group's mind a substantial compromise, and each believes its segment to be somewhat under-represented for the ideal.

I would suggest, however, rather than debating the various aspects of this proposal further, it is now time to enact the proposal of Faculty Council to establish a University Senate and modify the By-Laws of the Board of Trustees and the Rules for the University Faculty accordingly to accommodate this new University-wide legislative body. After the University Senate comes into official existence, orderly procedures are provided for within its regulations to perfect its organization. And finally, I might say that I have discussed this recommendation that I am now making with President-Elect Enarson, and he concurs in my desire for action by the Board on the University Senate proposal at this time.

The entire subject, process and result, is a viable demonstration of the best in the deliberative processes within the academic community, and I commend everyone for their thoughtful involvement.

President Fawcett then presented the following recommendation:

The Faculty Council on June 7, 1972, after almost two years of deliberation approved the establishment of a University Senate to replace the existing Faculty Council. To effect this action a number of changes are necessitated in the By-Laws of the Board of Trustees and Rules for the University Faculty including:

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Establishment of a University Senate (continued)

President Fawcett's recommendation (continued)

1. The repeal of Rules 29.01 through 29.25 and Rules 29.2713 and 29.2717.
2. The addition of Rule 28.00 to provide for changes in existing rules so that any section of the previous rules which are inconsistent with new rules for the University Senate will be inapplicable.
3. The addition of Rules 28.01 through 28.19 to effect the formation of the University Senate.

It is recommended that the University Senate be established and that the By-Laws of the Board of Trustees and Rules for the University Faculty be modified to accommodate this re-organization. (See Appendix I, page 55.)

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Revision of Rule 35.07 to Amend the Pass/Non-Pass Grade

The Faculty Council on June 9, 1972 also approved a modification of the PA/NP--Pass/Non-Pass grade in Rule 35.07. The proposed rule change clarifies the courses to be graded Pass/Non-Pass, inserts a decision time limit for electing the PA/NP grade, and designates the equivalent grades for Pass and Non-Pass. (See Appendix II, page 69.)

President Fawcett recommended that the foregoing recommendation of the Faculty Council be approved.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Naming of Buildings

Upon the recommendation of the Vice President for Medical Affairs, and with the concurrence of the President's Cabinet, President Fawcett recommended that the Medical Basic Science Building at 333 West Tenth Avenue be named Grant O. Graves Hall to honor the memory of Grant Ostrander Graves, Professor and Chairman of the Department of Anatomy at the time of his death on February 7, 1972.

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Buildings (continued)

Upon the recommendation of the Vice President for Regional Campuses and Dean of the University College, and with the concurrence of the President's Cabinet, President Fawcett recommended that University College - Building No. 4 at 1090 Carmack Road be named William H. Scott Hall to honor the memory of William Henry Scott, the third President of The Ohio State University who served from 1883 to 1895 and was Professor of Philosophy until the time of his retirement in 1910.

These recommendations are in accordance with the By-Laws of the Board of Trustees.

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

D. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1969-70 has been received and reviewed by the appropriate officers of the University. The report indicates that with the exception of one procedure which has since been modified, the procedures and records of The Ohio State University are in order.

President Fawcett recommended that the Annual Report of the Auditor of State for the fiscal year 1969-70 be accepted and filed with the official documents of The Ohio State University.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

E. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 1, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix III, page 73.)

Upon motion of Mr. Dorsey, seconded by Mr. Shocknessy, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Honorary Degrees

President Fawcett recommended under authority granted him in Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the Doctor of Athletic Arts degree be conferred on the following recipients at the September 1, 1972 Commencement:

Jack William Nicklaus  
Jesse Owens

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

G. Facilities to be Financed by the Ohio Facilities Commission

The following resolution is required by the Ohio Board of Regents pursuant to the authority granted under Chapter 3333.05 of the Ohio Revised Code and the provision contained in S.B. 457 before this University may initiate any Capital Projects funded by the State.

President Fawcett recommended that the following resolution be adopted:

Be It Resolved by the Board of Trustees of The Ohio State University, that:

Section 1. The President and/or the Treasurer of The Ohio State University are hereby authorized to complete and sign, on behalf of the University, Ohio Public Facilities Commission forms Nos. 101 and 101A for any and all of the projects for the University provided for by or pursuant to the appropriations made under Section 2 of Amended Substitute Senate Bill No. 457 enacted by the 109th General Assembly and such projects provided for by or pursuant to appropriations made in future enactments of Ohio General Assemblies.

Section 2. The Board of Trustees agrees to permit the Ohio Public Facilities Commission to use the sites for the purpose of said projects, the boundaries of which are shown in the plans for such projects, for so long as the respective notes, if any, and bonds issued to finance such projects shall be outstanding.

Section 3. The Ohio State University and its Board of Trustees in its behalf agrees to undertake performance of the functions and responsibilities of a using governmental agency, and of a designated governmental agency to the extent it is such, as

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Facilities to be Financed by the Ohio Facilities Commission (continued)

provided in the Regulations of the Ohio Public Facilities Commission and any applicable leases, agreements, or rules of the Commission, with respect to the aforesaid projects.

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

H. University Initiated Fees and Charges

During this past year, all fees, charges, receipts, and income initiated by the departments, offices and auxiliary areas within the University were reviewed as an integral part of the comprehensive budgeting and planning program. This action represents a further refinement in the review and coordination process which presently includes the review of all the University decisions which fall within the Wage-Price guidelines, the incorporation into the biennial planning process of all sources of income, and the inclusion in the annual program budgeting process of all sources of income.

A procedure has now been established for the review of charges initiated by any unit within the University before the start of each fiscal year and presentation to the Board of Trustees for action. This review requires a justification for the initiation of all charges as well as proposed changes in charges, a management audit of the income and expenses associated with all such charges, and an opinion by the University Cost of Living Council as to the permissibility of any proposed increase, as well as compliance with State statutes and sound University budgeting practices.

Included in this recommendation by reference is a schedule of charges for over 13,000 individual assessments by some 200 units within the University for the 1972-1973 year. This inventory is organized by fiscal unit and includes a summary analysis by type of charge (services, deposits, publications, medical and related charges).

President Fawcett recommended that the schedule of charges as proposed be approved and that a detailed copy of such charges be maintained with the official records of the Boards of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

July 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the June 2, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Titles, and Appointment of Department Chairman:

A. Promotions

Richard H. Zimmerman from Executive Director for University Planning and Professor of Mechanical Engineering to Acting Vice President for Administrative Operations and Professor of Mechanical Engineering, effective immediately, at a salary of \$34,452.00 per annum.

Johanna S. Belkin from Associate Professor in the Department of German to Associate Dean of the College of Humanities, effective October 1, 1972, at a salary of \$19,608.00 per annum. Dr. Belkin will continue to hold an academic appointment as Associate Professor in the Department of German.

Karl F. Graff from Professor in the Department of Engineering Mechanics to Professor in and Chairman of the Department of Engineering Mechanics, effective immediately, at a salary of \$23,808.00 per annum.

William B. Shook from Associate Professor in the Department of Ceramic Engineering to Associate Professor in and Chairman of the Department of Ceramic Engineering, effective immediately, at a salary of \$21,288.00 per annum.

Lorane C. Kruse from Associate Professor in the School of Nursing to Associate Professor and Acting Director of the School of Nursing, effective immediately, at a salary of \$17,488.00 per annum.

Colin R. Macpherson from Professor in the Department of Pathology to Professor in and Acting Chairman of the Department of Pathology, effective immediately, at a salary of \$30,648.00 per annum.

B. Appointment

Robert D. Archibald, Director of the University Counseling Center, effective August 1, 1972, at a salary of \$19,128.00 per annum.

July 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

William D. Heintz, Professor, College of Dentistry, effective July 1, 1972 through September 30, 1972, for personal travel and lecturing in Europe.

Henry L. Hunker, Professor, Department of Geography, effective October 1, 1972 through September 30, 1973, to accept a Fellowship with Battelle Memorial Institute.

Kurt Mahler, Professor, Department of Mathematics, effective July 1, 1972 through September 30, 1972, to serve as a Visiting Professor at the Australian National University, Canberra, Australia.

Arnold M. Zwicky, Jr., Professor, Department of Linguistics, effective October 1, 1972 through September 30, 1973, to accept a Guggenheim Fellowship.

James A. Grossie, Associate Professor, Department of Physiology, effective June 1, 1972 through September 30, 1972, to accept a Postdoctoral Fellowship at the University of Buffalo.

David M. Peterson, Associate Professor, Department of Sociology, effective October 1, 1972 through September 30, 1973, to engage in research at the University of Miami.

Christopher A. Rodowskas, Associate Professor, College of Pharmacy, effective July 1, 1972 through August 31, 1972, to set up a grant proposal for the American Association of Colleges of Pharmacy, Silver Spring, Maryland.

Peter W. Post, Assistant Professor, Department of Anthropology, effective October 1, 1972 through September 30, 1973, to do research at Harvard University.

David L. Stampe, Assistant Professor, Department of Linguistics, effective October 1, 1972 through September 30, 1973, to accept a Postdoctoral Fellowship at Massachusetts Institute of Technology.

Carol J. Bininger, Instructor, School of Nursing, effective June 20, 1972 through September 24, 1972, for personal reasons.

July 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

T. Roy Bogle, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective July 1, 1972 through January 31, 1973, to participate in a program of professional improvement at the University of Missouri.

Patricia A. Braden, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective July 1, 1972 through December 31, 1972, for personal reasons.

Beverly Deerwester, Instructor (County Extension Agent, Home Economics) Wood County, Cooperative Extension Service, effective May 1, 1972 through July 15, 1972, for personal reasons.

D. Emeritus Titles

Florence M. Harvey, School of Nursing, with the title Professor Emeritus, effective July 1, 1972.

Lawrence E. Kunkle, Sr., Department of Animal Science, with the title Professor Emeritus, effective July 1, 1972.

E. Appointment of Department Chairman

Roy B. McCauley, Chairman of the Department of Welding Engineering, effective July 1, 1972 through June 30, 1976.

President Fawcett recommended that the Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Titles, Appointment of Department Chairman, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(May 13, 1972 - June 16, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	16	\$1,093,235.00
Industrial and Other Research	3	33,326.00
<u>Grants</u>		
Government Research - Federal	43	2,061,129.00
Industrial and Other Research	<u>8</u>	<u>81,338.00</u>
Totals	70	\$3,269,028.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (to be known as Project No. 2116 - Mod. #10 - Department of Physics).  
Gross Value - \$15,000.00.
- b. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Project No. 2228 - Mod. #10 - College of Education).  
Gross Value - \$279,165.00.
- c. Department of Army, Letterkenny Army Depot, Chambersburg, Pennsylvania, Small Unit Combat Simulation (DYNTACS X) (to be known as Project No. 2978 - Mod. #P00009 - Engineering Experiment Station).  
Gross Value - \$9,969.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Physical Fitness Training (to be known as Project No. 3039-A1 - Mod. #3 - School of Health, Physical Education, and Recreation).  
Gross Value - \$28,443.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies on the Ability of Stored Blood to Transport Oxygen in Vivo (to be known as Project No. 3244-A1 - Mod. #1 - Department of Medicine).  
Gross Value - \$51,400.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Participation in a Study of Cerebral Death (to be known as Project No. 3264-A1 - Mod. #1 - Department of Medicine).  
Gross Value - \$51,400.00.
- g. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$105,000.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of Army, Harry Diamond Laboratories, Washington, D. C., Adaptive Arrays as Readout Antennas in an ECM Environment (to be known as Project No. 3435-A1 - New - Department of Electrical Engineering).  
Gross Value - \$63,045.00.
- i. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Symposium on Drug Effects on Neuroendocrine Regulations (to be known as Project No. 3458-A1 - New - Department of Pharmacology).  
Gross Value - \$10,000.00.
- j. Department of Army, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia, Vibration Signal Analysis Techniques Study (to be known as Project No. 3463-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$46,406.00.
- k. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Federal Building, Fort Snelling, Twin Cities, Minnesota, Food Habits of the Fishes in Sandusky Bay (to be known as Project No. 3466-A1 - New - Department of Zoology).  
Gross Value - \$7,000.00.
- l. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Establish and Operate a National Center on Educational Media for the Handicapped (to be known as Project No. 3471-A1 - New - College of Education).  
Gross Value - \$344,669.00.
- m. Department of Transportation, Federal Aviation Administration, Logistics Service, Equipment Purchase Branch, Washington, D. C., The Effects of Drugs on Pilot Performance (to be known as Project No. 3476-A1 - New - Department of Preventive Medicine).  
Gross Value - \$25,776.00.
- n. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop and Conduct a Training Course for FDA Professional Personnel (to be known as Project No. 3479-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$9,272.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- o. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop and Conduct a Training Course for FDA Professional Personnel (to be known as Project No. 3479-B1 - New - College of Administrative Science, Division of Continuing Education). Gross Value - \$8,019.00.
- p. Department of Air Force, Air Force Systems Command, Aerospace Medical Division, Brooks Air Force Base, Texas, Develop and Evaluation of Social Incentive System for Air Force Technical Training (to be known as Project No. 3481-A1 - New - Department of Psychology). Gross Value - \$38,671.00.

TOTAL - Government Research Contracts - Federal \$1,093,235.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #24 - Department of Metallurgical Engineering). Gross Value - \$9,000.00.
- b. General Electric Company, Aircraft Engine Group, Evendale Plant, Evendale, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3419-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$4,000.00.
- c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Studies of Arctic Pedology, Geology, and Permafrost (to be known as Project No. 3475-A1 - New - Institute of Polar Studies). Gross Value - \$20,326.00.

TOTAL - Industrial and Other Research Contracts \$33,326.00

3. Government Research Grants - Federal

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as Project No. 782-K - Sup. #1 - Department of Biophysics). Gross Value - \$3,526.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as Project No. 1451-K - Ext. #10 - Department of Pharmacology).  
Gross Value - \$43,837.00.
- c. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-H - Ext. #8 - College of Pharmacy).  
Gross Value - \$19,388.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Induction of Tolerance to Xenografts (to be known as Project No. 2662-D - Ext. #4 - Department of Surgery).  
Gross Value - \$42,622.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as Project No. 2711-C - Ext. #3 - Department of Ophthalmology).  
Gross Value - \$35,300.00.
- f. 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 Para-infectious Demyelinating Encephalitis (to be known as Project No. 2797-C - Ext. #3 - Department of Veterinary Pathology).  
Gross Value - \$41,675.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Sup. #1 - Department of Physiological Chemistry).  
Gross Value - \$7,075.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Mechanism of Sodium Retention in Edematous States (to be known as Project No. 2831-C - Ext. #3 - College of Medicine).  
Gross Value - \$64,855.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- i. National Science Foundation, Washington, D. C., Group Theory, the Theory of Orders and the Geometry of Numbers (to be known as Project No. 2839 - Amend. #2 - Department of Mathematics). Gross Value - \$24,700.00.
- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics - Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A3 - Ext. #2 - College of Pharmacy). Gross Value - \$39,671.00.
- k. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conferences (to be known as Project No. 3058-A3 - Ext. #2 - Department of Psychology). Gross Value - \$7,225.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A3 - Ext. #2 - Department of Physiological Chemistry). Gross Value - \$39,186.00.
- m. National Science Foundation, Washington, D. C., Mechanism of Photophosphorylation (to be known as Project No. 3081-A1 - Amend. #1 - Department of Biochemistry). Gross Value - \$40,000.00.
- n. National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures (to be known as Project No. 3228-A1 - Amend. #1 - Department of Mathematics). Gross Value - \$5,100.00.
- o. National Science Foundation, Washington, D. C., Study of Ice Sheet Dynamics Northeast of Byrd Station (to be known as Project No. 3229-A1 - Sponsor ltr. dtd. 5/17/72 - Institute of Polar Studies). Gross Value - \$39,600.00.
- p. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, A Study of the Communicative Interaction Process (to be known as Project No. 3235-A2 - Ext. #1 - School of Nursing). Gross Value - \$105,945.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- q. National Science Foundation, Washington, D. C., H-Spaces mod p and H-Spaces of Low Rank (to be known as Project No. 3239-A1 - Sponsor ltr. dtd. 5/17/72 - Department of Mathematics).  
Gross Value - \$6,000.00.
- r. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - Rev. #4 - College of Education).  
Gross Value - \$729,360.00.
- s. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-B1 - New - College of Education).  
Gross Value - \$57,330.00.
- t. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Amino Sugars in Processed Foods (to be known as Project No. 3275-A2 - Ext. #1 - Department of Food Science and Nutrition).  
Gross Value - \$26,193.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institute for Occupational Safety and Health, Bethesda, Maryland, Pathophysiology of Coal Pneumoconiosis in Equidae (to be known as Project No. 3282-A2 - Ext. #1 - Department of Veterinary Pathology).  
Gross Value - \$97,998.00.
- v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A2 - Ext. #1 - Department of Physiological Chemistry).  
Gross Value - \$36,722.00.
- w. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Studies Related to Hydrocarbon Carcinogenesis (to be known as Project No. 3284-A2 - Ext. #1 - Department of Chemistry).  
Gross Value - \$46,430.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- x. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Statistics and Probability Applied to Control System Analysis (to be known as Project No. 3429-A1 - New - Division of Statistics).  
Gross Value - \$17,471.00.
- y. Department of Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Arlington, Virginia, Aspects of Decision Theory with Applications to Target Recognition and Digital Communications (to be known as Project No. 3444-A1 - New - Department of Computer and Information Science).  
Gross Value - \$20,047.00.
- z. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Conference on Comparative Fertility and Family Research (to be known as Project No. 3446-A1 - New - Department of Sociology).  
Gross Value - \$13,355.00.
- aa. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Lymphocyte Reactivity in Inflammatory Bowel Disease (to be known as Project No. 3450-A1 - New - Department of Medicine).  
Gross Value - \$17,996.00.
- bb. National Science Foundation, Washington, D. C., Local Equilibrium and Diffusion in Multiphase Couples (to be known as Project No. 3451-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$14,200.00.
- cc. National Science Foundation, Washington, D. C., Investigation of Aperture Near Field Phenomena (to be known as Project No. 3452-A1 - New - Department of Electrical Engineering).  
Gross Value - \$23,000.00.
- dd. National Science Foundation, Washington, D. C., Radiometer Antennas (to be known as Project No. 3453-A1 - New - Department of Electrical Engineering).  
Gross Value - \$45,800.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- ee. National Science Foundation, Washington, D. C., Characteristic Mode Theory Applied to Antenna Arrays (to be known as Project No. 3454-A1 - New - Department of Electrical Engineering).  
Gross Value - \$35,300.00.
- ff. National Science Foundation, Washington, D. C., The Approximation Problem in Banach Spaces (to be known as Project No. 3455-A1 - New - Department of Mathematics).  
Gross Value - \$5,700.00.
- gg. National Science Foundation, Washington, D. C., Impact of Government Programs on Family Life: The Soviet Experiment (to be known as Project No. 3456-A1 - New - College of Law).  
Gross Value - \$51,000.00.
- hh. National Science Foundation, Washington, D. C. 20550, Magnetic Resonance in Dilute Alloys and Thin Insulators Films (to be known as Project No. 3457-A1 - New - Department of Physics).  
Gross Value - \$33,900.00.
- ii. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Effects of Refraction and Dispersion on High Altitude Measurements of Atmospheric Gases (to be known as Project No. 3460-A1 - New - Department of Physics).  
Gross Value - \$18,246.00.
- jj. National Science Foundation, Washington, D. C., Productivity of Tundra Lichens in the Prudhoe Bay Region: Physiological Ecology of Arctic Bryophytes (to be known as Project No. 3462-A1 - New - Institute of Polar Studies).  
Gross Value - 19,200.00.
- kk. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Dynamics of O<sub>2</sub> and CO<sub>2</sub> Regulations (to be known as Project No. 3464-A1 - New - Department of Physiology).  
Gross Value - \$27,536.00.
- ll. National Science Foundation, Washington, D. C., Dislocation Sources in the Microstrain Region (to be known as Project No. 3465-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$44,000.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- mm. National Science Foundation, Washington, D. C., Word Encoding and Memory (to be known as Project No. 3467-A1 - New - Department of Psychology).  
Gross Value - \$26,800.00.
- nn. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, National Institute of Alcohol Abuse and Alcoholism, Bethesda, Maryland, Effect of Ethanol on Jejunal Function (to be known as Project No. 3469-A1 - New - Department of Medicine).  
Gross Value - \$28,377.00.
- oo. National Science Foundation, Washington, D. C. 20550, Self-Programming Systems: A New Approach (to be known as Project No. 3470-A1 - New - Department of Computer and Information Science).  
Gross Value - \$25,400.00.
- pp. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Analysis of Decision-Making in Small Groups (to be known as Project No. 3473-A1 - New - Department of Speech Communication).  
Gross Value - \$19,942.00.
- qq. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Contribution of School and Non-School Inputs to Student Achievement (to be known as Project No. 3474-A1 - New - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$14,121.00.

TOTAL - Government Research Grants - Federal \$2,061,129.00

4. Industrial and Other Research Grants

- a. American Heart Association, Inc., New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as Project No. 3036-A3 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$13,200.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- b. American Chemical Society, The Petroleum Research Fund, Washington, D. C., The Molecular Spectra of Transient Species in the Gas Phase (to be known as Project No. 3181-A1 - Sponsor ltr. dtd. 4/25/72 - Department of Chemistry).  
Gross Value - \$6,120.00.
- c. United Fund Health Foundation, Canton, Ohio, Early Hearing Loss Due to Environmental Noise Pollution (to be known as Project No. 3201-A1 - Sponsor ltr. dtd. 4/12/72 - Department of Otolaryngology).  
Gross Value - \$8,300.00.
- d. United Fund Health Foundation, Canton, Ohio, Effect of Carbon Monoxide on Tissue Oxygen Supply (to be known as Project No. 3202-A1 - Sponsor ltr. dtd. 4/12/72 - Department of Medicine).  
Gross Value - \$7,200.00.
- e. American Heart Association, Inc., New York, New York, Blood Oxygen Transport in Hemoglobinopathies (to be known as Project No. 3243-A2 - Ext. #1 - Department of Medicine).  
Gross Value - \$12,650.00.
- f. The Milheim Foundation for Cancer Research, The Colorado National Bank Trust Department, Denver, Colorado, Cell-Mediated Immunity in Wilms' Tumors of Children (to be known as Project No. 3459-A1 - New - Department of Pediatrics).  
Gross Value - \$13,386.00.
- g. The Milheim Foundation for Cancer Research, The Colorado National Bank Trust Department, Denver, Colorado, Determining Malignant Cerebral Tumors by Fluorescence Microscopy (to be known as Project No. 3461-A1 - New - Department of Surgery).  
Gross Value - \$6,982.00.
- h. American Iron and Steel Institute, New York, New York, Composition of Passive Films (to be known as Project No. 3472-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$13,500.00.

TOTAL - Industrial and Other Research Grants \$81,338.00

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: May 12, 1972 - June 15, 1972)

	No. of Projects	Gross Value
Government Research Contracts	4	\$207,052.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 276X Ext. #8	An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$180,000.00.
EES 278X Ext. #8	Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$21,530.00.
EES 392X Mod. #1	Formation of Dense Settled Sludge by Lime Treatment of Acid Mine Drainage, U. S. Department of Interior, Washington, D. C. Gross Value - \$3,000.00.
EES 399X Mod. #1	Institute Director's Office, U. S. Department of Interior, Washington, D. C. Gross Value - \$2,522.00.

TOTAL - Government Research Contracts \$207,052.00

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

C. Lease Agreement: Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center

Sections 903.06 and 3345.11, Ohio Revised Code, provide general authorization for the Board of Control of the Ohio Agricultural Research and Development Center to enter into a lease with the Board of Trustees of The Ohio State University authorizing said Board of Trustees of The Ohio State University use of lands for the construction and operation of an Area Extension Center and related facilities.

The Center has custody and control of certain lands owned by the State of Ohio and located in Noble Township, Noble County, Ohio.

It is the desire of the parties hereto that the University have the use of these lands for the construction and operation of an Area Extension Center and related facilities.

The parties propose utilization of the land in accordance with the provisions of Sections 903.06 and 3345.11, Ohio Revised Code.

It was recommended that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to enter into a lease agreement between the Board of Control of the Ohio Agricultural Research and Development Center and the Board of Trustees of The Ohio State University to provide for the lease of 9.92 acres for the construction and operation of an Area Extension Center and related facilities located in Noble Township, Noble County, Ohio.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: May, 1972)

Grants  
Office of Finance and Treasurer \$4,506,571.70

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	4,879	\$ 959,395.23
Individuals Other than Alumni	264	90,087.07
Business Concerns	44	78,292.60
Foundations and Nonprofit Organizations	<u>44</u>	<u>34,216.94</u>
Totals	5,153	\$1,161,991.84

Fiscal Year July 1, 1971 - May 31, 1972

General Solicitation		\$ 519,972.75
Major Resources Group:		
Major Individual Gifts	\$2,184,824.85	
Corporate Gifts	988,216.18	
Foundations and Nonprofit Organizations Gifts	<u>978,303.52</u>	
Total		<u>4,151,344.55</u>
Grand Total		<u><u>\$4,671,317.30</u></u>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include a listing of gifts of \$5,000 or more and the establishment of named funds.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,053,265.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the College Work-Study Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee Account No. 766505)
2. \$433,670.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program-Training Grant, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D08 PE00110-03)
3. \$390,836.00 additional grant by U. S. Department of Agriculture, Animal and Plant Health Inspection Service, Administrative Management Branch, Federal Center Bldg., Hyattsville, Maryland, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees, under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period July 1, 1972 through June 30, 1973. (Contract No. 12-25-400-64, Modification No. 4)
4. \$291,461.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, to renovate Goss Laboratory for research, under the direction of the Department of Veterinary Pathology. (Grant No. 1 C06 CA13569-01)
5. \$199,714.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for Nisonger Center/Community Stimulation Project, for the period June 1, 1972 through May 31, 1973. (Grant No. 56-P-25298/5-01)
6. \$154,682.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Professional Nurse Traineeship - Baccalaureate and Post-Baccalaureate - Training Grant, under the direction of the School of Nursing, for the period September 1, 1972 through August 31, 1973. (Grant No. 5 A11 NU00029-16)
7. \$133,004.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, to the University for Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through August 31, 1972. (Grant No. 5 G03 RM 00022-02A4)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$118,399.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Project No. 555503-04-72)
9. \$118,142.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program - Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D08 PE05014-02)
10. \$111,728.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Design, Development and Dissemination of In-Service Training Materials, under the direction of the College of Education, for the period May 1, 1972 through June 14, 1973. (Grant No. OEG-0-72-3593)
11. \$102,059.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry - Basic Residency - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH08458-09)
12. \$90,712.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01539-07)
13. \$89,616.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for Preventive Medicine Curriculum Augmentation, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D04 AH01113-07)
14. \$83,638.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for Comprehensive Education for Social and Rehabilitation Services, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 46-P-25230/5-01)
15. \$81,961.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training in Expanded Auxiliary Management, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D11 DH08008-02)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. \$78,840.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Renal Disease - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 HL05975-01)
17. \$66,654.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH05061-26)
18. \$60,805.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for State-wide Library Planning and Evaluation, under the direction of the College of Education, for the period June 15, 1972 through November 30, 1972. (Grant No. OEG-0-72-7535)
19. \$59,513.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvement - Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50402-01)
20. \$57,941.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research and Faculty Training in Dental Anesthesiology - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 DE00291-01)
21. \$55,025.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50413-01)
22. \$54,906.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Post-doctoral Training in Neurological Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 NS05529-07)
23. \$50,108.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Hospital and Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50407-01)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

24. \$49,992.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Preparation for Leadership in Child Health Services, under the direction of the School of Nursing, for the period June 1, 1972 through May 31, 1973. (Grant No. 5 D10 NU00429-03)
25. \$38,004.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Experimental Psychology Graduate - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH08526-09)
26. \$37,026.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Dental Auxiliary Utilization Training - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D06 DH05044-11)
27. \$36,000.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Center for Lake Erie Area Research, under the direction of the Department of Zoology, with a completion date of May 31, 1973.
28. \$33,288.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Gastroenterology - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AM05569-02)
29. \$31,939.50 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Career Education for Disadvantaged Students, under the direction of The Center for Vocational and Technical Education, for the period May 1, 1972 through January 31, 1973. (Grant No. OEG-0-72-4355)
30. \$31,307.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatry - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH05924-22)
31. \$31,295.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH06530-16)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

32. \$30,591.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for The Biosynthesis of Neurohypophyseal Hormones, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 AM11519-05)
33. \$30,208.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing - Training Grant, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH06375-16)
34. \$29,449.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research Training Physiological Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH06748-15)
35. \$26,400.00 granted by State of Ohio, Department of Mental Hygiene and Correction, Ohio Departments Building, Columbus, Ohio, to the University for Detection and Implementation of Developmental Disabilities Through an Advocacy Model for Human Needs, for the period July 1, 1972 through June 30, 1973. (Grant No. 72-131)
36. \$26,250.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Environmental Evaluation of a Nuclear Power Plant on Lake Erie, under the direction of the Department of Zoology, with a completion date of May 31, 1973.
37. \$21,870.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvement - Medical Records Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50410-01)
38. \$18,854.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work - Community Organization - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH10789-06)
39. \$16,933.00 granted by U. S. Atomic Energy Commission, Washington, D. C., to the University for graduate level trainees, under the direction of the Department of Mechanical Engineering (Nuclear), for the period September 1, 1972 through August 31, 1973. (Contract No. AT-(40-1)-3892, Modification No. 3)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

40. \$16,781.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work Doctoral and Third Year - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH11981-04)
41. \$15,000.00 granted by U. S. Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., to the University for providing graduate training for research manpower in the field of highway safety, under the direction of the Graduate School, for the period July 1, 1972 through June 30, 1973. (Contract/Order No. FH-11-7357G)
42. \$11,273.20 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for a Division of Wildlife Upland Wildlife Ecology Research and Management Study, under the direction of the School of Natural Resources, for the period September 1, 1972 through August 31, 1973. (Project No. W-103-R-16, Study VI, Job VI-a)
43. \$11,032.00 granted by National Endowment for the Humanities, Washington, D. C., to the University for An Experimental Workshop on the Role of Performance in Education, under the direction of the Division of Comparative Literatures and Languages, for the period March 21, 1972 through September 30, 1972. (Grant No. ES-6552-72-352)
44. \$10,000.00 granted by U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for research by the Ohio Cooperative Wildlife Research Unit, under the direction of the Department of Zoology, for the period June 15, 1972 through June 14, 1974. (Contract No. 14-16-0008-1070)
45. \$9,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Faculty Development - Associate Degree Programs in Nursing - Training Grant, under the direction of the School of Nursing, for the period August 14, 1972 through August 18, 1972. (Grant No. 1 A12 NU00175-01)
46. \$5,900.00 granted by The Ford Foundation, 320 E. 43rd Street, New York, New York, to the University for an Advanced Study Fellowship for Black Americans, under the direction of the Graduate School, for the academic year 1972-1973. (Project No. 719-0022)
47. \$1,500.00 additional grant by Agency for International Development, United States Government, Washington, D. C., to the University for Rural Savings Capacity in Taiwan and Response to Economic Incentives, under the direction of the Department of Agricultural Economics and Rural Sociology. (Grant No. AID/ea-169, Amendment No. 1)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund

1. \$818,229.00 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$545,486.00 to be added to the Student Memorial Fund in the College of Dentistry and \$272,743.00 to be added to the Snyder Research Memorial Fund in the College of Medicine.
2. \$25,833.00 from the Associates of Medicine, Columbus, Ohio, for the general fund in the Department of Medicine.
3. \$15,000.00 from the Bremer Foundation, Youngstown, Ohio, for its scholarship fund.
4. \$13,693.57 from the American Medical Association, Chicago, Illinois--\$7,693.57 for the Faculty Seminar on Medical Education and \$6,000.00 for the College of Medicine Administrative Fund.
5. \$11,500.00 from the Estate of Mary C. Place, Lima, Ohio, for an endowed scholarship fund for students at the Lima Campus.
6. \$10,000.00 from A. Earl Cullum, Jr., & Associates, Dallas, Texas, to support the ElectroScience Laboratory Director's Fund.
7. \$10,000.00 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.
8. \$10,000.00 from State Auto Insurance Company, Columbus, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.
9. \$9,000.00 from the Mansfield O. S. U. Scholarship Fund, Mansfield, Ohio, for Mansfield Campus scholarships.
10. \$8,618.75 from Mr. Robert J. Weiler, Columbus, Ohio, for the University Activities Center Fund.
11. \$7,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for unrestricted research in Organic Chemistry.
12. \$6,937.00 from Mr. Alex Schoenbaum, Charleston, West Virginia, for his endowed fund to support graduate instruction and research in the field of business administration.
13. \$6,737.00 from Edgar Dale, Columbus, Ohio, to support the Edgar Dale project in the College of Education.
14. \$6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund (continued)

15. \$5,542.00 from Mrs. Howard E. (Catharine B.) Le Fevre, Newark, Ohio, for scholarships for students attending the Newark Campus.
16. \$5,000.00 from Jasam Foundation, Inc., Columbus, Ohio, for a project Opportunity For Disadvantaged Adolescents in the College of Education.
17. \$5,000.00 from Liqui-Box Corporation, Columbus, Ohio, for a project Opportunity For Disadvantaged Adolescents in the College of Education.
18. \$5,000.00 from Mr. Maurice A. Young, Youngstown, Ohio, for support of the Frank E. and Mary W. Pomerene Professor of Medicine.

C. Establishment of Named Funds

1. \$2,792.19 for the establishment of The Janet Harris Harding Scholarship Fund.

The Janet Harris Harding Scholarship Fund

The Janet Harris Harding Scholarship Fund was established July 7, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lowry W. Harding, Ph.D., 1941, Columbus, Ohio, in honor of his wife, Janet Harris Harding.

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.

Annual income is to be added to the principal until the fund reaches \$10,000. At that time, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Education and majoring in elementary education. First preference is to be given to one or more minority group students who have a strong interest in the area of mathematics and who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the senior faculty members in the Elementary Education Department and the Dean of the College.

Should the need for the 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.

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Establishment of Named Funds (continued)

- 2. \$1,150.00 for the establishment of the Stadium Scholarship Dormitory Scholarship Fund.

Stadium Scholarship Dormitory Scholarship Fund

The Stadium Scholarship Dormitory Scholarship Fund was established July 7, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from students, alumni, and friends of the Stadium Scholarship Dormitory.

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

The income is to be used annually for scholarships, loans, or awards to qualified students. All scholarships, loans, or awards are to be made by the University Scholarship Committee.

Should the need for these scholarships, loans, or 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 of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for student financial aids programs.

\* \* \*

V. APPROPRIATION AND TRANSFER OF FUNDS

In accordance with a requirement of the Auditor of State all transfers made among fund groups during the fiscal year 1971-1972 are reported below:

A. Transfer of Earned Indirect Costs

President Fawcett reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 149999, University Treasurer General Fund.

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1971-1972.

National Science Foundation

310112	Education	Schlessinger	\$ 5,042.07
310120	Education	Mayer	2,221.35
310121	Physics	Wigen	949.56

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

National Science Foundation (continued)

310126	Geology	Mayer	\$ 935.00
310127	Physics	Riley	573.95
310132	Sociology	Schwirian	1,007.65
310133	Geology	Spieker	1,372.38
310134	Mathematics	Riner	5,033.93
310135	Education	Mayer	2,313.09
310136	Physics	Riley	1,485.36
310137	Mathematics	Ross	3,318.01
310138	Engineering	Yarrington	1,756.61
310139	Pharmacy	Malspeis	1,303.00
310140	Chemistry	Meek	1,451.81
310141	Physics	Wigen	1,159.56

Total National Science Foundation \$ 29,923.33

U. S. Department of Health, Education and Welfare

320259	NIH - Pharmacology - Marks	\$ 4,746.49
320285	NIH - Medicine - Allen	833.38
320319	NIH - Pharmacy - LaPibus	2,037.78
320320	NIH - Physics - Nelson	2,053.04
320321	NIH - Psychiatry - Gregory	3,167.03
320322	NIH - Psychiatry - Gregory	7,263.68
320323	NIH - School of Nursing - King	2,685.16
320325	NIH - School of Social Work - Medhurst	2,515.44
320326	NIH - Veterinary Pathology - Cole	9,437.38
320327	NIH - Medicine - Warren	5,795.59
320328	NIH - Medicine - Weissler	3,763.84
320329	NIH - Obstetrics and Gynecology - Ullery	4,201.39
320330	NIH - Entomology - Wharton	3,180.19
320331	NIH - Psychology - Wickens	1,752.35
320332	NIH - Medicine - Cerilli	5,611.51
320333	NIH - Dentistry - Rosen	1,812.64
320334	NIH - Pharmacology - Hollander	1,825.12
320335	NIH - Physiology - Little	1,943.22
320336	NIH - Ophthalmology - Makley	4,696.10
320337	NIH - Surgery - Zollinger	6,618.66
320338	NIH - Otolaryngology - Saunders	6,830.64
320339	NIH - Dentistry - Trippy	4,583.56
320340	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,120.27
320341	NIH - Industrial Engineering - Rockwell	1,273.04
320342	NIH - Psychiatry - Marks	1,470.78
320343	NIH - Medicine - George	2,207.75
320344	NIH - Pathology - Gruemer	1,475.77
320345	NIH - School of Social Work - Medhurst	2,077.07

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

320346	NIH - Preventive Medicine - Shillito	\$ 4,430.47
320347	NIH - Psychology - Meyer	1,749.28
320348	NIH - Psychology - Siegel	4,345.81
320349	NIH - Psychiatry - Coddington	1,932.52
320350	NIH - Surgery - Hunt	4,546.08
320351	NIH - Psychiatry - Gregory	2,200.00
320352	NIH - Medicine - Skillman	3,283.00
320353	NIH - School of Social Work - Medhurst	629.68
320355	NIH - School of Social Work - Medhurst	1,403.17
320356	NIH - Medicine - Allen	1,293.71
320357	NIH - School of Nursing	6,314.03
320358	NIH - Pharmacology - Marks	3,815.56
320359	NIH - Psychiatry - Gregory	557.43
320361	NIH - Dentistry - Cavalaris	2,575.74
320362	NIH - Medicine - Balcerzak	2,400.74
320366	NIH - Psychology - Meyer	1,422.78
320367	NIH - Medical Microbiology	1,748.48
320372	NIH - Veterinary Physiology and Pharmacology - Hamlin	2,172.02
320373	NIH - Medicine - Warren	1,976.24
330041	PHS - Regional Medical Program - Pace	16,345.10
330057	PIIS - Nisonger Center - Gibson	28,615.03
330068	PHS - Regional Medical Program - Pace	40,506.68
330113	PHS - Preventive Medicine - Keller	2,585.47
330118	PHS - School of Nursing - Bellam	3,640.62
330119	SRS - School of Social Work - Medhurst	6,154.02
330120	PHS - Nisonger Center - Gibson	4,754.12
330123	PHS - Preventive Medicine - Keller	7,779.87
330124	SRS - Physical Medicine - Johnson	5,567.81
330125	SRS - Speech Communication - Black	859.39
330126	SRS - School of Allied Medical Professions - Woods	1,061.08
330128	SRS - School of Allied Medical Professions - Grant	989.46
330129	PHS - School of Nursing - Pease	3,402.33
330130	SRS - Sociology - Nagi	948.00
340065	OE - Center for Vocational and Technical Education - Taylor	245,445.59
340097	OE - Graduate School - Barkan	2,119.85
340118	OE - Center for Vocational and Technical Education - Taylor	26,604.02
340130	OE - Education - Cunningham	17,560.26
340137	OE - Nisonger Center - Bardwell	1,559.65
340140	OE - Nisonger Center - Cavin	1,847.79
340163	OE - Center for Vocational and Technical Education - McCracken	5,136.58
	Total U. S. Department of Health, Education and Welfare	<u>\$569,258.33</u>

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Government - Other

390006	AID - India - Education	\$	278.78
390014	AID - India - Engineering		372.24
390019	AID - Africa - Administrative Science (Prior Years)		(4,100.64)
390020	AID - Brazil - Agriculture		25,825.27
390034	AID - India - Agriculture		21,098.44
390035	AID - India - Agriculture		16,841.00
390052	AID - Administrative Science - Hurley		2,021.35
390063	USDA - Veterinary Medicine		12,917.81
390076	WPCA - School of Natural Resources - Taft		3,435.20
390080	Wright-Patterson Graduate Center		9,035.42
390083	AID - Uganda - Agriculture		3,366.14
390092	Peace Corps - Agriculture		1,233.75
390093	AID - Uganda - Agriculture		1,287.92
390094	Lockbourne AFB - Geodetic Science - Uotila		3,596.33
	Total U. S. Government - Other	\$	<u>97,209.01</u>

Miscellaneous

410098	State Library Board - Sisson	\$	2,925.17
410099	State Department of Education - Hoffman		532.18
410107	State Department of Education - Reese		2,258.00
410111	State Department of Education - Wigtel		431.20
531095	Ford Foundation - Nelson		780.00
531134	Sloan Foundation - Gassman		716.05
	Total Miscellaneous	\$	<u>7,642.60</u>

Grand Total \$704,033.27

B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1971-1972, the following transfers were made from current funds to plant funds:

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Stadium Research Space - Phase II	801020	149999	\$ (2,342.61)
Laboratory Animal Center	801021	921400	47,202.00
West Union	801070	149999	(58,199.56)
Jones Tower Swimming Pool	801080	998295	16,433.53
Edward S. Drake Union	801083	149997	127,233.00

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Parking Ramp - Stadium Area	801092	921300	\$ (64,806.12)
Undergraduate Library	801095	149997	111,000.00
Ohio Union Garage	801111	921300	(26,395.60)
Biological Sciences Building	801137	124358	6,000.00
		921375	2,688.00
		921400	2,027.00
Derby Hall Remodeling	801158	149999	(1,109.00)
Lazenby Hall Remodeling	801162	149999	(12,185.67)
Brown Hall Remodeling	801165	149999	(4,497.00)
Cockins Hall Remodeling	801181	120642	458.00
		149997	80,000.00
Service Building - Police Station	801185	149999	(2,951.45)
Veterinary Clinic and Animal Hospital	801192	149996	12,705.00
Stadium Drive Improvement	801203	149999	(17,514.75)
Animal Science Building Remodeling	801205	149999	(219.15)
Caldwell Laboratory Remodeling	801206	149999	(400.00)
Lazenby Hall Remodeling	801207	149999	(29,598.74)
Ohio Stadium - Phase V	801225	200000	24,550.85
Ohio Stadium - Artificial Turf	801226	522740	45,514.62
		999000	200,000.00
School of Nursing - Equipment	801227	152525	350.00
		330114	1,400.00
Student Services Building	801233	149999	(2,493.00)
Lord Hall Remodeling	801234	149999	(5,285.00)
Main Library - Air Conditioning	801236	149999	(1,198.53)
Security Improvements	801238	124358	(2,804.10)
Lima Parking Improvement	801242	921353	20,000.00
Brown Hall Remodeling	801243	149999	(5,744.00)
Novice G. Fawcett Center for Tomorrow - Telecommuni- cations	801248	159500	25,331.00
Arps Garage - Sealing	801250	921300	66,383.00
Novice G. Fawcett Center for Tomorrow - Third Floor	801251	522374	147,000.00
Newark Recreation Courts	801252	149994	40,085.00
Agricultural Administration and Classroom Building - Park- ing Lots	801253	921300	45,000.00
Ohio Stadium Lighting	801256	999000	5,000.00
Stillman Hall Remodeling	801260	100784	11,000.00
		531187	2,500.00
		608960	1,000.00
Marion Campus Parking Lot	801261	149969	19,004.00

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Printing Facility - Air Condi- tioning	801264	911683	\$ 70,000.00
Plumb Court Parking Lot	801265	921300	29,478.00
Hospital Capital Reserve	809998	960200	1,926,948.00
Novice G. Fawcett Center for Tomorrow - Reserve	809999	522374	<u>178,000.00</u>
Total			<u>\$3,026,546.72</u>
*	*		*

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. School of Allied Medical Professions

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,252,630.00	\$3,254,755.85	\$2,125.85

Revisions were made to separate court area drainage from overloaded sewer and divert surface water to storm sewer system assuring an adequate drainage system.

Funds for these revisions have been provided by Budget Account 016062 (School of Allied Medical Professions).

B. University School (Ramseyer Hall) - Renovation and Air Conditioning

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 323,060.00	\$ 326,958.82	\$3,898.82

The changes on this project represent deviations from the original specifications due to conditions found during the process of construction.

July 7, 1972 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. University School (Ramseyer Hall) - Renovation and Air Conditioning (continued)

Funds for these revisions have been provided by Budget Accounts 019074 (Utilities and Renovations) and 801140 (Ramseyer Hall Renovation).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

\* \* \*

VII REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. University College - Building No. 13

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 6-22-72)		
Knowlton Construction Company (Bellefontaine, Ohio)		
Base bid	\$1,228,300.00	\$1,621,925.00
Alt. G-1 Bus stop shelter	- 50,800.00	+ 48,656.00
Alt. G-2 Interior brick walls	- 23,000.00	+ 25,000.00
Alt. G-3 Additional casework	- 9,500.00	+ 9,100.00
Alt. G-6 Carrels - Room 095	- 9,500.00	+ 8,810.00
Alt. G-8 Lecture hall seating	- 2,400.00	N/C
Total Contract	\$1,318,700.00	\$1,713,491.00
<u>Plumbing Contract</u>		
(9 bids received 6-22-72)		
J. A. Croson Plumbing and Heating, Inc. (Columbus)		
Base bid	\$ 96,400.00	\$ 121,200.00
Alt. P-1 Bus stop shelter	- 3,000.00	+ 4,000.00
Total Contract	\$ 99,400.00	\$ 125,200.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(10 bids received 6-22-72)		
J. A. Guy, Inc. (Dublin)		
Base bid	\$ 497,300.00	\$ 541,875.00
Alt. H-4 Buffalo air handling units	+ 4,000.00	N/C
Total Contract	\$ 501,300.00	\$ 541,875.00

July 7, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. University College - Building No. 13 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
Electrical Contract (7 bids received 6-22-72)		
Burroughs Hatfield (Columbus)		
Base bid	\$ 369,606.00	\$ 355,000.00
Alt. E-1 Electrical work for bus shelters	+ 6,100.00	+ 5,000.00
Total Contract	<u>\$ 375,706.00</u>	<u>\$ 360,000.00</u>
<u>Total All Contracts</u>	<u>\$2,295,106.00</u>	<u>\$2,740,566.00</u>

Funds for this project have been provided from HB 988, Item 315-067, HB 531, Item 315-067, SB 457, Item 315-067.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

B. Erection of Educational Television Tower and Associated Facilities

At the December 3, 1971 meeting, this Board authorized the purchase of land on which an educational television transmitting tower is to be constructed. Bids for the construction of this tower are now scheduled to be received on July 12, 1972. Since these bids are valid for thirty days and the next meeting of the Board will not be held until early September, it was recommended that the President and/or the Vice President for Administrative Operations be authorized to award the contracts associated with this project as long as these bids are within the estimate of cost, and that the Board ratify this action at its September meeting.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by roll call vote with Mr. Eckley abstaining.

\*

\*

\*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

- 13 Approval of the award of three change orders, without competitive bidding, to the contractors working on the Health Sciences Library project.

July 7, 1972 meeting, Board of Trustees

VIII. CONTROLLING BOARD REQUESTS (continued)

- 14 Approves the purchase of the Elizabeth D. Bacon property consisting of 1.64 acres known as 5763 Godown Road, Columbus, Ohio, for \$25,000. Funding will be from appropriation in HB 988. Property is in the area adjacent to Don Scott Field where the College of Agriculture and Home Economics facilities from West Campus are being relocated.
- 15 Approves the purchase of the Herschel D. and Beryl L. Mitchell property consisting of 56+ acres located at 3025 West Granville Road, Columbus, Ohio, for \$588,000. This purchase is from University funds.
- 16 Approves the purchase of a lot located at 224 West 10th Avenue from Philip E. Carlin for \$19,000 using University funds.
- 17 Approves the purchase of 88 ft. off a lot located at 91-93 West Eleventh Avenue from Lillian K. Ink for \$31,000 using University funds.

\* \* \*

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Acquisition of Property - 3025 Granville Road, Columbus, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, President Fawcett recommended that the 56 acre farm located at 3025 West Granville Road, Columbus, Ohio, be purchased from Herschel D. Mitchell and Beryl L. Mitchell with University Investment Portfolio funds.

The payment for the purchase is proposed to be made in four installments with the first payment due not later than September 1, 1972, and successive payments made on September 1 of each year thereafter until fully paid.

It was recommended further that the President and/or the Treasurer be authorized to execute the agreement to purchase the property as described above and the Promissory Note setting forth the terms of the installment purchase.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

B. Easement - Mansfield Campus - Underground Telephone Facilities - United Telephone Company of Ohio

The Board of Trustees at the meeting on April 7, 1972 granted an easement to the City of Mansfield for the widening and improvement of the Lexington-Springmill Road on lands adjacent to the Mansfield Campus.

July 7, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Easement - Mansfield Campus - Underground Telephone Facilities - United Telephone Company of Ohio (continued)

The widening and improvement will require the relocation of telephone facilities. The United Telephone Company of Ohio proposes to relocate and reinstall its lines underground.

President Fawcett recommended that an easement be granted to the United Telephone Company of Ohio giving permission to install an underground telephone facility adjacent to the Lexington-Springmill Road and that the President and/or the Treasurer be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the underground telephone facilities.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Purchase of Buildings and Property - South Campus

President Fawcett recommended that the President and/or the Treasurer be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 1, John A. Evans College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 91-93 West 11th Avenue from Lillian K. Ink, at a purchase price of \$31,000.

Lot No. 14, University Heights Addition, Columbus, Franklin County, Ohio, and more commonly known as 224 West 10th Avenue from Philip E. Carlin, at a purchase price of \$19,000.

The parcels will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 for the purchase of the 91-93 West 11th Avenue property and Budget Account 921700 for the 224 West 10th Avenue property.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote.

D. Sale of Property - 463 King Avenue, Columbus, Ohio

Pursuant to the action taken by the Board of Trustees on April 7, 1972, relative to the sale of the 463 King Avenue property, proceeds from the sale to be used by the University to support cancer research in the College of Veterinary Medicine, President Fawcett recommended that the property be sold to the Battelle Memorial Institute at the appraised value submitted by MAI Appraisers.

July 7, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

D. Sale of Property - 463 King Avenue, Columbus, Ohio (continued)

The proceeds of this sale are to be placed in the permanent endowment fund, in memory of Norman W. Woelfel, and the annual income used for Cancer Research in the College of Veterinary Medicine.

It was recommended that the President and/or Treasurer be authorized to execute the necessary documents to consummate the sale of the property as described above.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Paul Clifford Kitchin, Professor Emeritus in the College of Dentistry, and Ervin H. Pollack, Professor and Director of Research Services in the College of Law. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Paul Clifford Kitchin

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 16, 1972, of Paul Clifford Kitchin, Professor Emeritus in the College of Dentistry.

Dr. Kitchin was born in Toledo, Ohio. He received the degree of B. Sc. in Forestry from The Ohio State University in 1915. For two years he was an instructor in botany at Michigan State College where he earned the M. Sc. in 1917. As assistant, as ranger, and as examiner he was a member of the U. S. Forest Service until he entered dental college; in 1924 he was graduated from The Ohio State University with the degree D. D. S. After one year of private practice at Sycamore, Ohio, he returned to Ohio State as an instructor in oral histology and clinical dentistry.

In 1939 he became Professor of Dentistry and Secretary of the College of Dentistry. Dr. Kitchin's fields of interest and teaching were dental histology and embryology, dental anatomy and dental research. He was a member of Sigma Xi, Omicron Kappa Upsilon, and the Faculty Club. He also served on numerous University committees. His many achievements and appointments included the D. Sc. (hon.) in 1941 from Washington University, St. Louis; Secretary, Subsection on Dentistry, American Association for the Advancement of Science 1939-42; President, International Association for Dental Research 1938; Secretary, Committee on Research, American College of Dentists 1941-46; and, Vice President in 1949; Chairman, Dental Study Section 1946-49; and member of the Advisory Council, National Institute of Dental Research of the

July 7, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Paul Clifford Kitchin (continued)

U. S. Public Health Service 1949-52. In the American Dental Association he served as Chairman, Research Section 1935 representative, Division of Medical Sciences, National Research Council 1949-54, and member of the Council on Therapeutics 1952 to date. In 1953 he was the recipient of the Callahan Award of The Ohio State Dental Association. He was a consistent contributor to dental periodical journalism particularly in the field of research.

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.

B. Ervin H. Pollack

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 9, 1972, of Ervin H. Pollack, Professor and Director of Research Services in the College of Law.

Dr. Pollack was born in St. Louis, Missouri, on April 19, 1913. After undergraduate work at St. Louis University, he received his Juris Doctor degree from Washington University in 1939 and was admitted to the Missouri Bar in the same year. He served as Assistant to the Librarian, Columbia University, from 1939 to 1941, and was Librarian for the New York City law firm of Hays, Podell & Shulman in 1942. From 1942 to 1947 he was Secretary, Office of Price Administration, Washington, D. C.

In 1947 Dr. Pollack came to The Ohio State University as Assistant Professor and Librarian. He became Associate Professor in 1950 and Professor and Director of Research Services in 1959. Under his dedicated leadership, the library of the College of Law grew from 69,000 to 305,000 volumes. It now ranks as the sixth largest academic law library in the United States. He developed systems of classification and staff organization which make the library one of the most functional in the world.

Dr. Pollack earned an international reputation as a legal scholar. He founded the Ohio Association of Law Libraries and served as its first President in 1949-50. He was President of the American Association of Law Libraries in 1958-59. His Fundamentals of Legal Research is widely used as a text and reference work. His many other publications include Ohio Court Rules Annotated, Ohio Unreported Judicial Decisions, Brandeis Reader, and Human Rights. At his death he was consultant to the Agency for International Development on a project for publication of Central American Economic Integration Law.

July 7, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Ervin H. Pollack (continued)

Dr. Pollack was a member of the Order of the Coif, Torch Club, the Ohio State Bar Association, the American Bar Association, and the International Association for Philosophy of Law and Legal Philosophy. He was a trustee of the Ohio Legal Center Institute and a Fellow of the Ohio State Bar Association Foundation.

The Ohio State University was the beneficiary of Dr. Pollack's talents in many ways. At his death he was Chairman of the University Rules Committee. He served as Chairman of the Advisory Board for Religious Affairs, as a member of the University Centennial Committee and as Chairman of the College of Law Centennial Committee. He received the University Centennial Service Award.

Dr. Pollack taught in the area of jurisprudence, legal process, legal research and writing, and trade regulation. He relentlessly pursued excellence in all that he undertook and was a man of the highest professional standards and integrity. His many achievements as scholar, teacher, and administrator warrant a special place for Dr. Pollack in the history of legal education.

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

\*

\*

\*

XI. REPORTS

A. Report on Actions Taken by  
Ohio Board of Regents

President Fawcett reported that the Ohio Board of Regents at its meeting on May 19, 1972, approved the

Awarding of the Bachelor of Science in Natural Resources degree  
by The Ohio State University;

and at the meeting on June 19, 1972, approved the

Increase in fees for The Ohio State University	
Instructional Fee, Undergraduate, Central	\$210
Instructional Fee, Undergraduate, Branches	200
Instructional Fee, Graduate and Graduate	
Professional	270
Tuition Surcharge	350

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing report by unanimous voice vote.

XI. REPORTS (continued)

B. Benefit Improvements in Health Insurance for University Employees

Mr. Gushman presented the following recommendation on behalf of the Retirement and Insurance Committee:

The Retirement and Insurance Committee of the Board of Trustees recommended that the following improvements in the University employee benefit program be adopted.

That the John Hancock Mutual Life Insurance contract covering eligible University employees be amended to include the following changes effective 12:01 a.m., August 1, 1972.

- (1) Include an improved surgical coverage increased from \$300 schedule to a \$450 schedule. Obstetrical coverage under the \$450 surgical schedule is increased from \$50 to \$100 for normal delivery with corresponding increases for Caesarean and miscarriage. Maternity benefits immediately available on effective date for existing pregnancies.
- (2) Full usual, customary and reasonable emergency out-patient coverage for acute medical sickness and emergency first aid benefit for accidents, rendered in a hospital or elsewhere within 24 hours and after the accident or upon onset of the sickness.
- (3) Extend basic surgical and major medical coverage to the surviving spouse (and other eligible dependents) of an insured employee whose death occurs while actively employed at the University.

That the University's Blue Cross contract be amended for eligible University employees to include the following changes to be made effective 12:01 a.m., August 1, 1972.

- (1) Extended coverage for unmarried dependent children from age 19 to age 23.
- (2) Improved maternity coverage under Blue Cross to full coverage of hospital expenses for both mother and child (or children). Maternity benefits immediately available on effective date for existing pregnancies.
- (3) Full usual, customary and reasonable emergency out-patient coverage for acute medical sickness and emergency first aid benefit for accidents, rendered in a hospital or elsewhere within 24 hours after the accident or upon onset of the sickness.

July 7, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

B. Benefit Improvements in Health Insurance for University Employees  
(continued)

Detailed statements on the foregoing amendments including funding requirements are on file with the official records of the Board of Trustees.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the foregoing recommendation was approved by unanimous roll call vote.

C. Interim Housing for the President

Mr. Shocknessy recommended that:

the Secretary of the Board be authorized, on behalf of the Board of Trustees, to enter into an agreement for the purpose of providing a temporary residence and necessary furnishings, adequate to support the official responsibilities of the President, as selected by and for the President-Elect and Mrs. Enarson.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the recommendation by unanimous roll call vote.

D. Report of the Board of Trustees Special Committee on Presidential Housing

On June 16, Chairman Eckley appointed a special committee for the purpose of making recommendations to the Board relative to suitable housing for Dr. and Mrs. Enarson. The membership of this committee includes, Robert S. Dorsey, John H. Dunlap, Don M. Hilliker, Howard D. Sirak, and James W. Shocknessy, Chairman. The Chairman requested Edward Q. Moulton to serve as Secretary of the Committee.

Dr. Moulton read the following report:

At the first meeting of the Committee held on June 20, a statement was presented from Dr. Enarson in response to an inquiry from Mr. Shocknessy in which Dr. Enarson stated his desire to live off-campus. The Committee indicated that it would support Dr. Enarson's request and directed the Secretary to proceed to examine with President-Elect and Mrs. Enarson the availability of suitable off-campus housing for the purpose of making a recommendation to the Committee as soon as possible.

The second meeting of the Committee was held on June 28. President-Elect Enarson who was in attendance at this meeting informed the Committee that he and Mrs. Enarson had spent several days in this community reviewing a number of houses that might be acquired by the Board for the President's house. Dr. Enarson concluded that, while he and Mrs. Enarson would be willing to live in whatever housing accommodations the

July 7, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

D. Report of the Board of Trustees Special Committee on Presidential Housing  
(continued)

Dr. Moulton's report (continued)

Trustees deemed appropriate as a residence for the President, Mrs. Enarson and he were unable in the limited time available to recommend a house which in their judgment would be suitable as a President's house. The various houses were not judged suitable primarily because of the limited amount of entertainment space and the excessive amount of bedroom and other unneeded space.

Because of the obvious need for additional time necessary to find suitable permanent housing, Dr. Enarson suggested that an interim arrangement be made for the acquisition of an apartment since this would appear to be the only satisfactory answer available at this time. The Chairman of the Committee, with the unanimous concurrence of the Committee members, supported Dr. Enarson's recommendation and directed the Secretary to prepare a resolution to this effect for consideration by this Board.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees accepted the report by unanimous roll call vote.

E. Report on the University's Investment Portfolio

The report dated July 7, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

\*

\*

\*

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT AND HONORARY DEGREE FOR MRS. FAWCETT

Mr. Shocknessy made the following statement:

The Chairman has shown me the high honor and distinct privilege of being able to offer two resolutions. It is indeed a high honor and I wish to thank the Chairman for granting me this opportunity, because, I have, probably, the longest tenure of anyone on the Board at this time.

For 18 months or so we have, by every means we could, attempted to show and have shown our affection and respect for President Fawcett and his wife. We took occasion to establish a precedent in naming a building on this campus for him and today at the last meeting

July 7, 1972 meeting, Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT  
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

Mr. Shocknessy's statement (continued)

that President Fawcett will attend, as President of The Ohio State University, (unless the Chairman has to call a special meeting), we want to show our affection to him and his wife by adopting the following resolutions which I shall now read with great pride and great affection.

RESOLUTION

WHEREAS. . .this is President Novice G. Fawcett's final official meeting with the Board of Trustees of The Ohio State University; and

WHEREAS. . .President Fawcett has been widely recognized and acclaimed by the President of the United States, the Ohio General Assembly, the alumni of this University, the media and his many friends and associates for his over sixteen years of truly distinguished service to this University; and

WHEREAS. . .during President Fawcett's tenure, The Ohio State University has provided the widest educational opportunity and stimulated dramatic growth, substantially enhanced its quality, increased the national and international scope of its programs, and placed it among the world's preeminent institutions of higher learning; and

WHEREAS. . .during the period of his presidency, The Ohio State University has graduated more than 100,000 outstanding young men and women who are making significant contributions throughout the nation and the world; and

WHEREAS. . .on August 31 when President Fawcett retires as President of this University, he will leave to his successor a fiscally sound, well-managed University that is blessed with high-quality faculty; that has high academic standards; that has one of the finest educational facilities in the country with a coordinated plan for continued growth; that has extended its teaching role across the state through four regional campuses and greatly expanded opportunities in continuing education; that has developed an extensive library collection and has received international recognition as a leader in making its library resources readily accessible through the most advanced techniques; and that has been bold in its use of advanced educational tools to enhance the learning process;

July 7, 1972 meeting, Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT  
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

THEREFORE, BE IT RESOLVED. . . that in addition to this Board's earlier expression of gratitude for his distinguished leadership by naming The Novice G. Fawcett Center for Tomorrow in his honor, we now wish to express our deep respect and appreciation for President Fawcett's service to this University by official action designating him President Emeritus, effective September 1, 1972, and, upon the recommendation of the Faculty Advisory Committee to the President and the Board of Trustees, award him the honorary degree, Doctor of Laws, at the next commencement.

RESOLUTION

WHEREAS. . . Marjorie Keener Fawcett had made invaluable contributions to The Ohio State University; and

WHEREAS. . . she has been an exemplary first lady, adding greatly to the stature and dignity of the President's office; and

WHEREAS. . . she has been an outstanding member of the Ohio community and has earned the admiration of countless thousands of students, faculty, alumni and citizens for her unstinting dedication to the University and to the well-being of society;

THEREFORE, BE IT RESOLVED. . . that the Board of Trustees of The Ohio State University unanimously approve the faculty recommendation that Marjorie Keener Fawcett be awarded an honorary degree, Doctor of Humane Letters, at the next commencement.

The Board of Trustees approved the awarding of the honorary degree and emeritus title to President Fawcett and the honorary degree to Mrs. Fawcett by unanimous acclamation.

o - o

July 7, 1972 meeting, Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT  
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

President Fawcett responded to the foregoing resolutions:

All this has come without anticipation on my part. I thought that when you acted last month, you had done what you could and should (or shouldn't) have done and that I was finished with trying to say goodbye. There are two things I really can't do--the first one is that I can't say goodbye to you people and; the second one is that I have no way to respond to accolades of this kind--(I said to somebody recently, I suppose, primarily, because I haven't had much experience). But, I did just want to say a word to you as you leave here today.

This morning it suddenly occurred to me that there was a fact or a figure or two I would like to get, and Faye Smith very graciously found one of those. I guessed at the other one. I think probably today marks something like the 168th Board of Trustees meeting that I have attended and in which I have had some official part. Because of this fact, I believe what I really want to do is to admit something to you that I have never admitted to anybody. I have agonized before every one of these meetings. I have worried about you as people, and about you as a Board, and have tried to respond in terms of what, I guess, I always hoped would be in the best interest of the institution. I have tried very hard always to be knowledgeable about any recommendation I made to this Board. Since I assumed responsibility for every recommendation, I tried to brief myself or to be briefed by others to a point that must have exasperated some of my colleagues who probably wished at times that I would have gone home and gone to bed. I pay great tribute to them because of the splendid manner in which they always tried to support my convictions. It was my view that unless I could come here and somehow say to you, 'I believe this,' you couldn't have voted for what you voted for and could not have had faith in my recommendations. So that summarizes one thing.

The other thing is that there have been 26 trustees with whom I have served, and I remember the first day I ever went to a Trustees' meeting. I recall it was Mr. Huffman, Mr. Ketner, Mr. Black, Mr. Dargusch, Mr. Bricker, Mr. Kettering, and Mr. Gorman. I don't know if that is seven or not--there were seven. Since that time, there has been a succession of these people, each of them a very unique person in his own right--strong-minded, difficult to live with at times--but wonderful human beings, always giving unselfishly of their time and their energy and their substance to this institution. That is really something in my book. I can't tell you what that has meant to me, so I just want to pay this tribute to my colleagues on the staff, and to say to you that everyone of you has meant something very special to me.

o - o

July 7, 1972 meeting, Board of Trustees

The Board of Trustees received the following Resolution adopted by the 109th General Assembly of Ohio commending President Novice G. Fawcett on the occasion of his retirement:



## OHIO SENATE

### A RESOLUTION

BY

MESSRS. SHAW-FRY-McNAMARA-MRS. JONES-  
MESSRS. PEMBERTON-L. HUGHES-NORRIS-HALE-BAUMANN

In grateful recognition of the many accomplishments of President Novice G. Fawcett of The Ohio State University for his four decades of selfless and faithful service to elementary, secondary, and higher education in Ohio.

WHEREAS, The members of the 109th General Assembly of Ohio take this opportunity to commend President Novice G. Fawcett of The Ohio State University, on the occasion of his retirement; and

WHEREAS, President Fawcett began his long and illustrious career devoted to public service as a teacher, coach, and Superintendent of Schools in Gambier, Ohio, continued by serving as Superintendent of Schools in Defiance, Bexley, First Assistant Superintendent in Akron, Superintendent in Columbus, and President of The Ohio State University; and

WHEREAS, Novice G. Fawcett, being a member of Phi Beta Kappa, graduating from Kenyon College Magna Cum Laude, earning the Masters Degree from The Ohio State University, and being awarded honorary doctoral degrees from fourteen colleges and universities, is an educator of the highest calling; and

WHEREAS, During his presidency of The Ohio State University from the period August 1, 1956, until September 1, 1972, more than half of the University's 200,000 degrees have been awarded; four regional campuses have been established extending the University's teaching role to thousands more Ohioans; enrollment has grown from just over 22,000 to more than 50,000; a hundred major construction projects have been executed bringing the University's physical plant replacement value to more than an estimated \$700 million; a program of endowed professorships and chairs has been established; development and implementation of a University Master Plan has occurred; library volumes have more than doubled and the world's first on-line computerized library circulation system was placed into operation; a highly functional central administrative organization that is considered a model for institutional decision-making has been established; and

WHEREAS, President Novice G. Fawcett has been of great assistance to the General Assembly in enunciating the needs of The Ohio State University so effectively that it has truly maintained and expanded its position as a national and international university; and

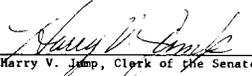
WHEREAS, Novice G. Fawcett, a farm boy from a modest Knox County Ohio background, has never lost his great love for youth and concern for their problems, and has worked tirelessly as a teacher, administrator, leader, civic and business participant and decision-maker; therefore be it

RESOLVED, That we, the members of the 109th General Assembly of Ohio, in adopting this resolution, do hereby commend President Novice G. Fawcett, a devoted and sincere administrator, an outstanding President, and a dedicated servant of The Ohio State University and the people of the State of Ohio; and be it further

RESOLVED, That the Clerk of the Senate transmit duly authenticated copies of the Resolution to President Novice G. Fawcett of The Ohio State University, to the Ohio Board of Regents, and to the Board of Trustees of The Ohio State University.



I, Harry V. Jump, hereby certify that the above is a true and correct copy of Senate Concurrent Resolution No. 57.

  
\_\_\_\_\_  
Harry V. Jump, Clerk of the Senate

July 7, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 8, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

Page 54 Blank

APPENDIX I

Revision of Rules for the University Faculty

Repeal Rules 29.01 through 29.25 and  
Rules 29.2713 and 29.2717

Add new Rule 28.00

Add new Rules 28.01 through 28.19 to  
effect formation of University Senate

Approved by Faculty Council June 7, 1972

Adopted by Board of Trustees July 7, 1972  
(See page 4)

Page 56 Blank

## Revision of Rules for the University Faculty

The Faculty Council on June 7, 1972, approved the proposal for the establishment of the University Senate. In order to effect this reorganization, the following changes in the Rules for the University Faculty were proposed:

- (1) Repeal Rules 29.01 through 29.25 and Rules 29.2713 and 29.2717.
- (2) Add new Rule 28.00 to provide for changes in existing rules.
- (3) Add new Rules 28.01 through 28.19 to effect the formation of the University Senate.

### 28.00 UNIVERSITY SENATE

Effective Autumn Quarter 1972 there shall be a University Senate with the powers, composition, and organization as given in the following sections:

Wherever any previously adopted rules for the University Faculty are found to be inconsistent with the provisions of Rule 28.00 through Rule 28.19, the previous rule shall be held to be inapplicable. In all of the By-Laws of the Board of Trustees and the Rules for the University Faculty and until such time as they shall be reprinted, the words, "Faculty Council," are to be replaced with "University Senate," the words "Faculty Advisory Committee to the President and the Board of Trustees," are to be replaced with "Steering Committee of the University Senate," and the words "Rules Committee," are to be replaced with "Committee on Rules and Senate Organization."

#### 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

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

- (b) Non-Voting Members: Senate Members entitled to participate in deliberations but not to vote nor to make motions shall include the University Ombudsman, the Director of Alumni Affairs, and one representative elected by and from the Intra-University Counselors' Organization.

---

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

Revision of Rules for the University Faculty (continued)

**28.03. Term 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. [Members of the present Faculty Council shall serve out their terms as members of the Senate].

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.

Except that the University College Council shall have the option of deferring the selection of its representative until sometime during the Autumn Quarter, the regular term of office shall begin on the first day of the Autumn Quarter next succeeding the Member's election or appointment.

**28.05. Representation and Methods of Selection**

(a) The 24 ex officio Members from the Administration shall consist of the University President; the Provost and Vice President for Academic Affairs; the Vice President for Administrative Operations; the 16 Deans of the Colleges; the Dean of the Graduate School; the Director of the Libraries; the Secretary of the University Faculty; and two other members to be designated by the President for each Senate meeting from among the following administrators: the Executive Vice President, the Vice President for Development,

the Vice President for Educational Services, the Vice President for Student Affairs, the Vice President for Medical Affairs, the Vice Provost for Arts and Sciences, and the Vice Provost for Minority Affairs.

(b) The 68 Faculty Members of the Senate shall be elected by the University Faculty on Regular Contract.

(1) Elections of the Faculty Members of the Senate shall be administered and supervised by a committee of three persons chosen from and by the Faculty Membership of the Senate. This committee shall be known as the Committee on Faculty Elections. It shall be elected by the Faculty Membership, upon written nomination by Faculty Members of the Senate submitted to the Faculty Membership at least 7 days prior to the election. Each autumn the Faculty Membership shall elect one member to the Committee, who shall serve for three years. Should a member of the committee resign before completing his term of office, the Faculty Membership shall elect a Faculty Member to serve out the unexpired term. [The present members of the Committee on Elections for the Faculty Council shall serve out their term of office as members of the Committee on Faculty Elections.] All decisions of this committee shall be subject to the approval of the Faculty Membership of the Senate.

(2) Each college and each Regional campus shall constitute an election district; so shall the Library; so shall the combined Departments of Military, Naval, and Air Force Aerospace Studies. Each election district shall elect the number of members specified by the Committee on Faculty Elections. Each election district shall elect at least one Member. No person is eligible to represent one election district while serving as representative of another.

Revision of Rules for the University Faculty (continued)

- (3) Elections shall be held in the Spring Quarter of each year for terms beginning in the following Autumn Quarter. Each Member shall be elected for three years and shall for one year thereafter be ineligible for election. Service to complete an unexpired term and service as an Alternate do not make one ineligible for immediate re-election.
- (4) The Committee on Faculty Elections shall determine which election districts are entitled to more representatives than one in accordance with the following formula:
  - a. Determine how many University faculty members within the election district are on Regular contract and are based at least 75 percent on the Columbus or a Regional campus;
  - b. Apportion the elected membership so that each election district is represented in that proportion which its membership as described above bear to the total of such members in the University, but each district shall have at least one representative.
- (5) Faculty Representatives from the Colleges, from the Library, and from the combined Departments of Military, Naval, and Air Force Aerospace Studies shall be elected in the following manner. The Committee on Faculty Elections shall solicit from the faculty of each election district nominations for representatives to be elected from that district. The Committee on Faculty Elections shall then make up a ballot containing names three times the number of representatives to be elected. It shall place on the ballot the names of those persons most often nominated. However a person's name shall not be placed on the ballot until he has consented to its being placed there.

The Committee on Faculty Elections shall mail the ballots to University faculty members on Regular contract wherever located. Faculty members shall then mark their ballots and return them to the Committee on Faculty Elections by mail. The Committee shall declare those persons who received the largest number of votes within an election district to be the elected Members from that district. Those who receive the next largest number of votes shall be declared Alternates. There shall be as many Alternates as Members in each election district.
- (6) Faculty Representatives from Regional campuses shall be elected in accordance with procedures developed by the faculty of each campus.
- (7) In the event of vacancy during the term of an elected Faculty Member, the Faculty Members of the Senate shall elect a successor from the same election district to serve until the next general election, when the vacancy shall be filled by election for the unexpired term.

Revision of Rules for the University Faculty (continued)

If a Faculty Member is to be absent for three quarters or more, but wishes to serve the rest of his term following his absence, the Faculty Members of the Senate shall elect a substitute from his election district.

(c) The 40 Student Members shall be apportioned and selected as follows:

(1) 25 Undergraduate Students to be apportioned in the following manner:

1 The President of the Undergraduate Student Government

6 Six Students to be elected directly by their constituencies according to procedures to be determined by the Undergraduate Student Assembly to represent the following constituencies:

Apartment and Rooming House Districts (2 representatives)

South Campus Student Association (1 representative)

West Campus Student Association (1 representative)

North Campus Student Association (1 representative)

Town Students (1 representative)

18 Eighteen Student Members to be elected according to procedures to be determined by the Council of Governments, one to represent each of the following constituencies:

10 One to represent each of the following Colleges:

The Arts, Biological Sciences, Humanities, Math and Physical Sciences, Social and Behavioral Sciences, Administrative Science, Agriculture and Home Economics, Education, Engineering, Pharmacy.

1 Representing University College

1 Representing Black Students

1 Representing Women's Self Government Association

1 Representing Interfraternity Council and the Panhellenic Association

4 Representing the Regional Campuses:

Lima Campus

Mansfield Campus

Marion Campus

Newark Campus

Wherever reasonable, Members must be elected by direct constituency election.

(2) 5 Five Student Members to be elected according to procedures to be determined by the Inter-Professional Council, one to represent each of the following graduate professional colleges:

Dentistry

Optometry

Law

Veterinary Medicine

Medicine

Revision of Rules for the University Faculty (continued)

- (3) 10 Ten Student Members to be elected according to procedures to be determined by the Council of Graduate Students, one to represent each of the following graduate areas:

Administrative	Humanities
Science	Physical Sciences and
Agricultural	Mathematics
Sciences	Professional Biological
The Arts	Sciences
Biological Sciences	Social and Behavioral
Education	Sciences
Engineering	
Sciences	

- (4) In the event of a vacancy during the term of an elected Student Member, the Council, Assembly, or other governing body of the constituency which he represents shall elect a replacement to serve until the next general election.

(d) **Qualifications for Membership**

To be eligible for service as Members or Alternate Members of the University Senate:

Faculty Members must be on Regular appointment at least three quarters each year.

Undergraduate, graduate, and professional students must be in good standing and enrolled each quarter (except for Summer Quarter), and shall remain members of the constituencies which they were elected to represent.

**28.07. Alternate Members**

When a regular Member is unable to attend a meeting of the University Senate, he shall notify the Secretary in advance of the meeting, giving the name of the Alternate who will replace him. The Alternate so designated shall then have the general powers and privileges in the University Senate of the person whom he replaces.

- (a) An Administration Member shall designate an Alternate from the Administration.
- (b) A Faculty Member shall designate an Alternate from those elected as Alternates in his own election district.
- (c) A Student Member shall designate an Alternate from his constituency in one of the following ways:
- (1) The President of the Undergraduate Student Government shall name his own Alternate from the Undergraduate Student Body.
  - (2) If elected from the Student Assembly group, Student Assembly shall declare as Alternates either the runners-up in the Senatorial election or the elected members of Student Assembly.
  - (3) If elected from the Council of Governments group, the Alternate from each constituency shall be the runner-up in the Senatorial election.
  - (4) If elected from the Graduate Professional Colleges group, the Alternate from each college shall be the runner-up in the Senatorial election.
  - (5) If elected from the Graduate Student group, the Alternate from each graduate area shall be the runner-up in the Senatorial election.

**28.09. Powers**

The University Senate, subject to the authority of the Board of Trustees, shall have the power:

- (a) Under delegation by the University Faculty
  - to establish the educational and academic policies of the University,
  - to recommend the establishment, abolition, and alteration of educational units and programs of study,
  - to recommend to the Board of Trustees candidates for Honorary Degrees,
  - to recommend candidates for degrees and certificates (which power shall be reserved to the Faculty and Administrative Members of the University Senate):
- (b) To consider, to make recommendations concerning, and (in pursuance of rules pertaining to the University) to act upon matters relating to the rights, responsibilities, and concerns of students, faculty, administrators, and staff.

**28.11. Procedures for Reconsideration**

Upon petition by 10% of the Student Body or 10% of the Faculty, the Senate shall reconsider any action which it has taken.

**28.13. Relationship to Other Bodies**

Subject only to the provisions listed below in this section, the representatives to the Senate of the Administration, of the Faculty, and the Students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the Senate is concerned, these bodies represent separate Memberships. They may initiate proposals and submit them to the University Senate for consideration. The Senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

The members of the Administration shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Administration.

The elected Faculty representatives to the Senate shall form the Faculty Membership. [Initially the Membership shall consist of those members already elected to serve on the Faculty Council.] The Faculty Membership shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Faculty Membership.

The Student representatives to the Senate shall form the Student Membership and shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Student Membership. The Student Membership shall establish an Elections Committee, which shall be responsible for assuring that the selection of Student Members to represent the several constituencies is made in accordance with the provisions of these Rules.

Nothing in the above shall be construed as restricting the right of a principal standing committee or of individual Members speaking for themselves to submit proposals for Senate action to the Program Committee, or directly to the Senate.

**28.15. By-Laws of the Senate**

The University Senate shall have the power to organize itself and to make such By-Laws for its own proceedings as 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. The Senate's By-Laws may be amended at any time by a majority of Senate Members present and voting thereon. The By-Laws shall also be the subject of review by the Committee on Rules and Senate Organization at the beginning of each new Autumn session of the Senate.

---

**BY-LAWS FOR THE UNIVERSITY SENATE**

**SECTION 1: Rules of Order**

Unless otherwise indicated, all meetings of the University Senate shall be conducted in accordance with **Robert's Rules of Order**.

**SECTION 2: Meetings**

The Senate shall meet at least once each month during the Autumn, Winter, and Spring Quarters. Special meetings may be scheduled by the majority vote of Senate Members present and voting. Special meetings shall also be held at the call of the President of the University or at the call of the Steering Committee. If 25 or more Senate Members request in writing a special meeting, it shall be called and held. If specifically requested in the petition, it shall be held within four calendar days after the receipt of the petition by the President or by the Chairman of the Steering Committee.

Written notice of the time and purpose of all meetings shall be given to all Members of the Senate in advance of the meeting.

Meetings of the University Senate shall be open to the public and to the media unless they have been designated closed by the Program Committee and such designation has not been over-ruled by a majority vote of the Members of the Senate present and voting thereon. A majority of Senate Members present and voting may also designate a meeting or a portion of a meeting closed.

**SECTION 3: Agenda**

The Senate shall prepare its own agenda, and the Program Committee of the Senate shall serve as the agenda committee. The Senate's agenda shall include all matters referred to the Program Committee by individual Members, members of the Administration, the Faculty membership and the Student membership as well as all matters referred by the various special and standing committees of the Senate, including the Program Committee itself. The agenda may also include items referred to the Senate by any member of the University community.

The agenda shall be mailed to Members at least seven calendar days prior to the Senate meeting, and the Program Committee shall also provide for its publication in the **Lantern** prior to each regular meeting.

**SECTION 4: Order of Business**

The order of business shall include:

- (1) Call to order
- (2) Reading and approval of the minutes
- (3) Special Orders
- (4) Reports from the Colleges

## Revision of Rules for the University Faculty (continued)

- (5) Reports of the principal Standing Committees
- (6) Reports of special committees, Councils and Boards
- (7) Reports of the Administration, the Faculty Membership and the Student Membership
- (8) Unfinished Business
- (9) New Business
- (10) Comments and Announcements
- (11) Adjournment

### **SECTION 5: Floor Privileges**

Proposals, measures, and resolutions shall be introduced on the Senate floor by Members of the Senate only. Members of the University community who are not Members of the Senate may be granted the right to speak, but not to vote, on matters before the Senate. When a request is made for this privilege, the Chair shall ask the Senate for objections and, hearing none, shall grant permission to speak. If objections are raised, the privilege shall be extended only by a majority vote of the Members present and voting.

### **SECTION 6: Quorum and Voting**

A simple majority of the membership of the University Senate shall constitute a quorum for the conduct of the Senate's business.

Action by the Senate shall be by a majority of Members present and voting and shall normally be by voice vote, except as otherwise required by these Rules or by **Robert's Rules of Order**.

When a division of the Senate is taken, the Chair shall include the division when announcing the results.

### **SECTION 7: Proposals for Senate Action**

Any member of the University community may submit proposals for Senate action to the Program Committee. Items referred by committees of the Senate, by the Faculty Membership, by the Administration Membership, and by the Student Membership shall be scheduled for Senate consideration. Proposals originating elsewhere may be referred by the Program Committee to an appropriate committee for further study, and this disposition shall be reported to the full University Senate. Members of the Senate shall have the right to submit proposals directly to the Senate.

### **SECTION 8: Committee Reports**

The majority of the members of any principal standing committee of the Senate may report on any matter before the committee. A majority of the Members of the Senate present and voting may require a standing committee to report at the next regular meeting of the Senate.

### **SECTION 9: Staff**

To the extent possible and provided for in the University's budget, the University shall furnish staff assistance to the University Senate and to its committees in connection with its official business, as may be authorized by the Steering Committee of the University Senate.

### **SECTION 10: Student Attendance**

Student Members shall not be penalized for missing classes and related academic activities while attending meetings of the Senate or its committees. Students will be expected to complete usual course requirements.

**SECTION 11: Minutes and Reports of Senate Meetings**

Official minutes of Senate meetings shall be taken and kept by the Secretary of the University Faculty. A report on the deliberations and actions taken at each Senate meeting shall be prepared by the Program Committee and published in the *Lantern*.

**28.17. Presiding Officer**

The President of the University shall be the presiding officer of the University Senate. In the absence of the President or at his request the Provost and Vice President for Academic Affairs shall preside. In the absence of both the President and the Provost, the Chairman of the Steering Committee shall preside.

**28.19. Committees**

- (a) **Organizing Committees:** The University Senate shall have the following three organizing committees:
  - 1. Steering Committee
  - 2. Program Committee
  - 3. Committee on Rules and Senate Organization
- (b) **Additional Committees:** In addition to the three 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 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 three organizing committees of the Senate shall be as follows:

**(1) Steering Committee**

The Steering Committee shall consist of 13 members apportioned as follows: 6 Faculty, 1 elected Dean, 2 Administrators, and 4 Students. The Faculty representatives, 3 of whom shall be elected each year, and the elected Dean shall serve two-year terms and be ineligible for immediate re-election. The Student members shall serve one-year terms but be eligible for election to a second term. The representatives from the Administration shall be the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. The elected members of the Steering Committee shall be chosen as follows:

The Faculty Membership shall nominate a slate of at least 3 and no more than 6 faculty representatives. [For the first election only, 12 faculty members shall be nominated. The 3 receiving the largest number of votes shall serve two-year terms, and the 3 receiving the next largest number of votes shall serve one-year terms.]

The representatives of the Administration shall nominate at least 1 and no more than 2 Deans when a new representative is to be elected.

The Student Membership shall nominate at least 4 and no more than 8 student representatives.

A special meeting of Members selected to serve for the following academic year shall be held in June for the purpose of electing the members of the Steering Committee. Written nominations shall be sent to the Membership at least seven days prior to this meeting. The Membership of the new Senate shall elect the Committee members from among these nominees and voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the Autumn Quarter there will be two Steering Committees.

The Steering Committee shall select its Chairman from among the 6 faculty members of the Committee, and he shall serve for one year.

The Steering Committee shall have the following duties and responsibilities:

- (a) It shall be the Senate's committee on committees. It shall have the power to call, by a vote of nine of its members, a Special meeting of the Senate, and shall have such powers and duties as the Senate may delegate to it during periods when the Senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.
- (b) [The Steering Committee shall replace the Faculty Advisory Committee to the President and the Board of Trustees.] The Steering Committee shall serve as a channel of communication between the University Senate and the President and the Board of Trustees. Its elected members shall be an advisory group available to both the President and the Board of Trustees for advice and counsel on any matter relating to the operation and development of the University. After consultation with the President, the elected members of the Steering Committee may request and obtain a meeting with the Board of Trustees.
- (c) The Steering Committee shall, at the beginning of each year, nominate faculty members for election by the Senate to the Faculty Tenure Hearing Committee described in Rule 21.07, Section 1.

**(2) Program Committee**

The Program Committee shall consist of 9 members apportioned as follows: 4 Faculty, 3 Students, 1 elected Dean, and the Secretary of the University Faculty. The Faculty representatives, 2 of whom shall be elected each year, and the elected Dean 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. Election shall be by the Senate upon written nomination by Members submitted to the Membership at least seven days prior to the election.

Revision of Rules for the University Faculty (continued)

The Program Committee shall serve as continuing liaison between the University Senate and the three constituent bodies as well as the University at large. It shall receive proposals for Senate action and set the Senate's agenda. The agenda shall be mailed to Members at least 7 calendar days prior to the Senate meeting.

All items referred by committees of the Senate, by the Faculty Membership, by the Administration, by the Student Membership, and by individual Senate Members shall be scheduled for Senate consideration. To keep the agenda manageable, however, the Program Committee may assign priority to such items and schedule those it deems less urgent for a subsequent Senate meeting. Proposals not originating within the Senate, its committees, or the constituent bodies may be placed on the agenda; but the Program Committee is also empowered to refer such items to an appropriate committee or body for further study.

With the call for each Senate meeting the Program Committee shall send to Members a brief written report outlining proposals referred for further study.

The Program Committee shall have the responsibility for seeing that committees report as charged by the Senate.

The Program Committee shall seek to identify matters of potential concern to the Senate and shall have the responsibility for working with the principal standing committees and with other bodies in the coordination and planning of the Senate's continuing agenda.

**(3) Committee on Rules and Senate Organization**

The Committee on Rules and Senate Organization shall consist of 10 Members apportioned as follows: 6 Faculty, 3 Students, and the Secretary of the University Faculty. The Faculty representatives, 3 of whom shall be elected each year, 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. Election shall be by the Senate, upon written nomination by Members, submitted to the Membership at least seven days prior to the election.

The Committee on Rules and Senate Organization shall have the following functions and responsibilities:

- (a) The Committee, in cooperation with the Secretary of the University Faculty, shall be responsible for the formal supervision of the published **Rules of the University** and of all statutes and by-laws pertaining to the University Senate. It shall keep all published statutes and rules within its purview up to date and shall plan their republication at such intervals as may be desirable. It shall supervise the Procedural Rules for the University Senate and make appropriate recommendations for revision as required.
- (b) Following Senate action, the Committee shall receive all proposed new rules and changes in existing rules. It shall recommend to the Senate such editorial and other changes as it deems appropriate or necessary to avoid conflict with other rules and University regulations. Its recommendations shall be presented for final action at the next regular meeting of the Senate. If the Committee is unable to report at this time, it shall inform the Program Committee of the reasons so that they may be included in the Program Committee's report on items pending but not on the agenda.

Revision of Rules for the University Faculty (continued)

- (c) The Committee may initiate rules or changes in existing rules and recommend them to the Program Committee for scheduling for Senate action.
- (d) The Committee shall review the structure and operation of the University Senate. It shall receive suggestions and initiate recommendations for change, as need and advantage may appear; in addition, it shall submit a formal report at the end of two years containing its conclusions and specific proposals. The Committee shall have continuing responsibility for assessing the structure, operation, and effectiveness of the Senate, without, however, in any way restricting the Senate's authority to alter its operation by other means.

APPENDIX II

Revision of Rule 35.07 of Rules for the University Faculty

Approved by Faculty Council June 7, 1972

Adopted by Board of Trustees July 7, 1972  
(See page 4)

Page 70 Blank

Revision of Rule 35.07 (PA/NP--Pass/Non-Pass) of Rules for the University Faculty

The Faculty Council on June 7, 1972, approved the following revision of Rule 35.07 (PA/NP--Pass/Non-Pass) to be effective Autumn Quarter, 1972.

The text of this section of the Rule is as follows:

35.07. Marks.

PA/NP--Pass/Non-Pass

Section 1. This grading pattern may be chosen by undergraduates or Continuing Education students for a maximum of 30 credit hours.

Section 2. Among these 30 hours, an undergraduate student may elect Pass/Non-Pass grading for any or all University required courses in Physical Education and the National Defense Option or its alternatives (12 credit hours of courses not otherwise specified in the degree requirements of the student's selected curriculum).

An undergraduate student who has accumulated a point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.

A student registered in the Division of Continuing Education who has an accumulated point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass for a maximum of 30 hours.

Section 3. Hours graded Pass (PA) count toward the degree. Pass/Non-Pass marks (PA/NP) are not computed in the point-hour average of the student.

Section 4. On or before noon of the sixth Saturday of a quarter, or the third Saturday of a term, a student must have declared his intention to take a course on the Pass/Non-Pass basis by filing the appropriate forms with the Dean of his college or the Dean's authorized representative (students in Physical Education, Military Science, Air Force Aerospace Studies, and Naval Science file the forms in those departmental offices). A student may not change to or from the Pass/Non-Pass Option after noon of the sixth Saturday of a quarter, or the third Saturday of a term.

Section 5. The instructor will submit PA or NP marks to the Registrar for those students selecting the grading pattern.

Section 6. The grade Pass (PA) is the equivalent of the grades ABCD, and the grade Non-Pass (NP) is the equivalent of the grade E.

Page 72 Blank

APPENDIX III

DEGREES CONFERRED AT  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

SEPTEMBER 1, 1972

Page 74 Blank

## The Recipients of Honors

### MARJORIE KEENER FAWCETT

Doctor of Humane Letters

*Able speaker and gracious hostess who has given unqualified support to the educational and cultural endeavors of The Ohio State University.*

Effective communicative abilities and enthused participation in the mainstream of campus life have characterized Marjorie Keener Fawcett's association with The Ohio State University. She is affiliated with several organizations including the American Association of University Women, the National Society of Arts and Letters, the Clintonville Women's Club, and the Columbus Development Committee. She has taken a particularly active part in The Ohio State University Women's Club, a group comprised of faculty wives and faculty women. While the organization sponsors several projects, Mrs. Fawcett has directed special interest into one which channels its proceeds into scholarship and emergency loan funds for student use.

Mrs. Fawcett, a native Ohioan, received her early education in Akron and was granted the Bachelor of Arts degree from Akron University. She also attended the Northwestern University School of Speech and received her Master of Arts degree from the University of Michigan. Applying her education to varied fields of speech, radio, and drama, Mrs. Fawcett's experience includes ten years as a teacher of English and speech and the directorship of radio education for the Akron public schools. Her work in educational administration includes programs in instructional training and curriculum preparation.

An adept speaker, Mrs. Fawcett has frequently appeared before numerous clubs and meetings in Ohio, including the local chapter of the American Association of University Women and members of Delta Kappa Gamma.

The Ohio State University is proud to confer the honorary degree, Doctor of Humane Letters, upon Marjorie Keener Fawcett. Her personal warmth and dedicated interest in the edification of the human mind and spirit make her a most deserving recipient of this honor.

### NOVICE G. FAWCETT

Doctor of Laws

*Noted academic administrator whose vigor and fervent dedication to the advancement of education are of the highest distinction.*

A graduate of Kenyon College and The Ohio State University, Novice G. Fawcett has extended his energies and interests in an administrative career dedicated to improved public education. Beginning as a teacher and athletic coach in his native Gambier, Ohio, he was soon promoted to superintendent of the local school system. In 1938 he was appointed superintendent of the Defiance, Ohio public schools where he continued until accepting the superintendency of the Bexley, Ohio schools in 1943. From Bexley, he served in the directorship of the Akron school system before being selected as executive head of the Columbus public schools. In this post, he spirited a nationally recognized program of physical expansion, curriculum and personnel improvements, and efficient organizational streamlining.

Dr. Fawcett's leadership of the Columbus schools established the administrative standards of growth and excellence he would implement into the presidency of The Ohio State University. During his tenure in office, the University experienced its greatest period of development in many areas. Between 1957 and 1972 enrollment rose from 22,000 students to over 50,000, the faculty was expanded by more than one thousand, and extensive attention was given to the broadened scope and heightened quality of course offerings and degree granting programs. To meet the challenge of the burgeoning University, some 100 new facilities were incorporated into the Columbus campus community and four regional campuses were developed.

Active in many professional organizations including the Association of American Universities, the American Council on Education, the International Association of Universities, and the Newwomen Society, he is also a member of the Columbus Area Chamber of Commerce and the American Institute of Management.

It is with great honor that The Ohio State University confers the honorary degree, Doctor of Laws, upon Novice G. Fawcett for his dedication and commitment to the advancement of the University and for his outstanding contributions to the realm of education.

## JACK W. NICKLAUS

Doctor of Athletic Arts

*Internationally known sportsman who has contributed to the betterment of society as well as advancing high standards in his career.*

Acknowledged as one of the foremost champions in the world of golf, Jack W. Nicklaus has established a formidable record of athletic achievement. Although he has won high regard as an individual competitor, he made impressive showings as a member of the winning American teams at both the 1959 Walker Cup Match held in Great Britain and the World Amateur Team Championship for the Eisenhower Trophy in 1960. He also captured the United States Amateur Championship in 1959 and 1962 and, while still a sophomore at The Ohio State University, he was the leading individual golfer in not only the Big Ten Conference but the National Collegiate Athletic Association as well.

Turning to professional golf in 1962, Mr. Nicklaus began what was to become a distinguished career of sporting performance. He has since won more than 40 Tour titles and 13 major championships including two British Opens, two Professional Golfers Association matches, three United States Opens, and four Masters tournaments. In addition to scoring records in both the United States Open and the Masters tournaments, he has the distinction of being the only golfer to consistently lead or share the lead in every round of both matches.

Active in humanitarian endeavors, Mr. Nicklaus has been a participant in a number of charity golf tournaments and exhibition matches, including the annual Columbus Pro-Am tournament. In 1968, he established the Robert K. Barton Memorial Fund which is a scholarship awarded by The Ohio State University's College of Law and he has served as chairman of the Ohio division of the American Cancer Society and the sports division of the National Easter Seal Society.

The Ohio State University is proud to confer the honorary degree, Doctor of Athletic Arts, upon Jack W. Nicklaus, a man of outstanding athletic prowess and the highest integrity.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Musical Arts

One candidate

Stephen Rowley Montague, St. Petersburg, Fla.  
B.Mus.Ed., M.Mus. (Florida State University)  
*Dissertation*: Voussoirs for Large Orchestra and Electronic Tapes  
*Field of Specialization*: Music

### Doctor of Philosophy

Two hundred and forty-seven candidates

Douglas Oldfather Abbott, Columbus  
B.S. (University of Wyoming); M.S.  
*Dissertation*: The Isolation of DNA-Membrane Vesicular Bodies from Lysates of *Bacillus cereus* by Differential and Gradient Centrifugation  
*Field of Specialization*: Microbiology

William Vaughn Ackerman, Upton, Wyo.  
B.A., M.A. (University of Wyoming)  
*Dissertation*: A Spatial Strategy of Development for Cuyo, Argentina  
*Field of Specialization*: Geography

John Douglas Aiello, Cleveland  
A.B. (Loyola University); M.A. (John Carroll University)  
*Dissertation*: Ohio's War Upon the Bank of the United States: 1817-1824  
*Field of Specialization*: History

Vivian Arlene Anderson, Denver, Colo.  
A.B., A.M. (Colorado State College)  
*Dissertation*: A Comparison of the Sociodramatic Play Ability of High Socioeconomic Status Black Kindergarten Children and High Socioeconomic Status White Kindergarten Children  
*Field of Specialization*: Education

Kenneth Lewis Applegate, Fairborn  
B.S. (Central State University); M.S.  
*Dissertation*: The Effects of <sup>14</sup>C Irradiation on Aflatoxin Production by *Aspergillus Flavus* Grown on Wheat and Synthetic Medium  
*Field of Specialization*: Poultry Science

Virginia Ann Arnold, Columbus  
B.S.Ed. (Kent State University); M.A.  
*Dissertation*: The Nature of Teacher-Pupil Interaction in Informal and Traditional Classrooms  
*Field of Specialization*: Education

Thomas Joseph Atkins, Columbus  
B.S. (University of Cincinnati)  
*Dissertation*: Part I Transition Metal Complex Promoted Rearrangements Part II Organolithium Chemistry  
*Field of Specialization*: Chemistry

Howard Guy Ball, Lancaster  
B.Sc. in Soc. Adm., M.A.  
*Dissertation*: Educable Mentally Retarded Students' Perceptions of Teachers' Nonverbal Behavior  
*Field of Specialization*: Education

Russell Henry Barnes, Jr., Mansfield  
S.B. in Ch.E. (Massachusetts Institute of Technology)  
*Dissertation*: Bands of Carbon-13 and Deuterium-Enriched Species of Acetylene (Technology Developed and Interpretation of the Data Observed)  
*Field of Specialization*: Physics

Clarence Robert Barnett, Columbus  
B.A. (Marshall University); M.A.  
*Dissertation*: College Athletics and Physical Education in Ohio During The Depression  
*Field of Specialization*: Physical Education

Pearl Winter Bartelt, Brooklyn, N. Y.  
B.S.Ed., M.A.  
*Dissertation*: Birth Order of Siblings and Differences in Orientation Toward Parents  
*Field of Specialization*: Sociology

Frederick Henry Bawel, Columbus  
B. of Music (Butler University); M. of Music (College of Music, University of Cincinnati)  
*Dissertation*: A Study of the Developmental Techniques in Selected Haydn Symphonies  
*Field of Specialization*: Music

Kelmer D. Baxter, Berkeley, Calif.  
B.A., M.A. (University of Florida)  
*Dissertation*: A Comparison of the Effects of Delayed Sidetone on the Speech of Serbo-Croatian, French, and American English Speakers  
*Field of Specialization*: Speech Communication

Sonny Baxter, Calgary, Alta., Canada  
B.Sc. (University of British Columbia); M.S. (University of Alberta)  
*Dissertation*: Conodont Biostratigraphy of the Mississippian of Western Alberta and Adjacent British Columbia, Canada  
*Field of Specialization*: Geology

Gary Fred Beasley, Vicksburg, Miss.  
B.S. (Mississippi State University)  
*Dissertation*: An Assessment of an Instructional Unit for Preparing Users of the Educational Resources Information Center (ERIC) System  
*Field of Specialization*: Agricultural Education

Charles Allen Beatty, III, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Reflective Teaching, Alienation and Dogmatism: A Correlational Analysis  
*Field of Specialization*: Education

John Henry Becher, Louisville, Ky.  
B.Ch.E., M.S.  
*Dissertation*: Transient High Speed Studies of the Flow and Adsorption of T-Butyl Alcohol and Water on Alumina at Reactive Conditions  
*Field of Specialization*: Chemical Engineering

Donald James Beelick, Columbus  
B.A. (Western Michigan University)  
*Dissertation*: Context and Human Actions  
*Field of Specialization*: Philosophy

John Edward Bender, Canal Winchester  
B.S.Ed., M.A.  
*Dissertation*: Morale of Elementary School Teachers  
*Field of Specialization*: Education

Clinton Louis Benjamin, Fallon, Nev.  
B.S. (Saint Mary's College, California); M.S. (Humboldt State College)  
*Dissertation*: The Physiological and Histological Effects of 20, 25-Diazacholesterol Dihydrochloride (SC-12937) on the Male Red-Winged Blackbird, (*Agelaius phoeniceus phoeniceus*)  
*Field of Specialization*: Zoology

- Thomas Robert Berg, Columbus  
B.S.Ed., M.A.  
*Dissertation*: The Modern Romantic Critics of Education  
*Field of Specialization*: Education
- Valdomiro Correa Bittencourt, Piracicaba, Sao Paulo, Brazil  
Eng. Agr. (University of Sao Paulo)  
*Dissertation*: Complementary Ion Effects on K, Na and Ca Release From Bentonite and Illite Clay as Affected by pH-Dependent Charge Cation Exchange Capacity and Base Saturation  
*Field of Specialization*: Agronomy
- Robert Stephen Bloom, Claymont, Del.  
B.A. (Pennsylvania State University); M.E.D. (University of Pittsburgh)  
*Dissertation*: A Curriculum Specialist in a Task Analysis Curriculum Development Process in Allied Medical Education  
*Field of Specialization*: Education
- Norman Floyd Bloss, Gouverneur, N. Y.  
B.S., M.S. (Cornell University)  
*Dissertation*: The Relationship Between Enrollment in Agricultural Education and the Vocational Maturity of Secondary School Students  
*Field of Specialization*: Agricultural Education
- James Albert Bontadelli, Columbus  
B.S. (Oregon State College); M.S. (Stanford University)  
*Dissertation*: Differential Waterfowl Hunting Regulations: A Linear Programming Approach  
*Field of Specialization*: Industrial Engineering
- Walter Scott Bower, West Jefferson  
B.Sc. (Waynesburg College); B.S.Ed., M.A.  
*Dissertation*: Lives in Progress: The Development of a Small Group of Individuals Over a Four Year Period of Their Late Adolescence  
*Field of Specialization*: Education
- Eugene Michael Breznock, Fairview Park  
D.V.M.; M.S. (University of Georgia)  
*Dissertation*: Pharmacokinetics of the Cardiac Glycosides, Digoxin and Digitoxin, in the Dog  
*Field of Specialization*: Veterinary Physiology and Pharmacology
- Ronald Briggs, Liverpool, England  
B.A. (University of Southampton); M.A.  
*Dissertation*: The Cognitive Distance in Urban Space  
*Field of Specialization*: Geography
- Kenneth Wayne Brooks, New Orleans, La.  
B.A. (University of South Florida); M.A. (Louisiana State University)  
*Dissertation*: Taxonomies of Data Sources Available for Comprehensive Educational Planning  
*Field of Specialization*: Education
- Donald Douglas Brown, Columbus  
B.S. (State University of New York at Cortland); M.A. (New York University); M.S. (State University of New York at Albany)  
*Dissertation*: Evaluation of a Public Education Program and Development of a Model Program Designed to Reduce Delay Time in Myocardial Infarction  
*Field of Specialization*: Education
- Ray Lee Brown, Columbus  
B.S.Bus.Ad.; M.B.A. (Harvard University)  
*Dissertation*: Contextual Aspects of Top Management Succession in Large Industrial Organizations  
*Field of Specialization*: Business Administration
- Robert Armin Buerki, Columbus  
B.S., M.S. (University of Wisconsin)  
*Dissertation*: Historical Development of Continuing Pharmaceutical Education in American Universities  
*Field of Specialization*: Education
- Gerald Anthony Bullano, Columbus  
B.S. (Pennsylvania State University); M.S.  
*Dissertation*: Effect of Temperature and Molecular Weight on the Rheology of Concentrated Polymer Solutions  
*Field of Specialization*: Chemical Engineering
- Frederick Joseph Bunte, Columbus  
B.S.Ed., M.A.  
*Dissertation*: An Inquiry Into the Decline in the Number of Blacks Entering the Teaching Profession  
*Field of Specialization*: Education
- Walter Dennis Burnside, Niles  
B.E.E., M.S.  
*Dissertation*: Analysis of On-Aircraft Antenna Patterns  
*Field of Specialization*: Electrical Engineering
- Jeanne Louise Burson, Columbus  
B.S. (Ball State Teachers College); M.S.  
*Dissertation*: Effects of a Terminal Context Summary (TCS) in a Multimedia Individualized Instructional Approach to Statistics for Quality Control (QUCOST)  
*Field of Specialization*: Education
- Julia Myrtle Aycok Butler, Columbus  
B.S. Ed. (Wilberforce University); M.A.  
*Dissertation*: An Investigation into Verbal Expressiveness and Reading Group Placement of Culturally Different Second-Grade Children  
*Field of Specialization*: Education
- John Raleigh Bybee, Columbus  
B.S., M.S. (Brigham Young University)  
*Dissertation*: Prediction in the College of Education Doctoral Program at The Ohio State University  
*Field of Specialization*: Education
- John Thomas Byrd, III, Louisville, Ky.  
B.A. (Bellarmine College); M.S.S.W. (University of Louisville)  
*Dissertation*: An Analysis of Continuity of Care in a Community Mental Health Center  
*Field of Specialization*: Social Work
- Karen Byers Cailteux, Sheboygan, Wis.  
B.S., M.A. (Indiana State University)  
*Dissertation*: The Political Blacklist in the Broadcast Industry: The Decade of the 1950's  
*Field of Specialization*: Speech Communication
- Susan Davies Calvert, Cleveland  
B.S. in Educ. (Bowling Green State University); M.S. (Case Western Reserve University)  
*Dissertation*: Dietary Adequacy, Feeding Practices and Eating Behavior of Children with Down's Syndrome  
*Field of Specialization*: Home Economics

- Emilie Teresa Cannon, Columbus  
B.A. (University of North Carolina); M.A. (Tulane University)  
*Dissertation:* Childhood as Theme and Symbol in the Major Fiction of Ana Marie Matute  
*Field of Specialization:* Romance Languages
- Dennis John Carlo, Columbus  
B.S., M.S.  
*Dissertation:* Study of Organ Specific Antigens in Normal Human Brain Tissue  
*Field of Specialization:* Medical Microbiology
- Shu-Ping Chai, Taipei, Taiwan  
B.S. (National Tsing Hua University); M.S.  
*Dissertation:* A Univariate Two-Sample Nonparametric Test for Dispersion and a Class of Bivariate Two-Sample Nonparametric Tests for Location  
*Field of Specialization:* Statistics
- Harold Francis Chambers, Jr., Kettering  
A.S.E. (University of Cincinnati); M.S.  
*Dissertation:* A Study of Boron Particle Ignition  
*Field of Specialization:* Aeronautical and Astronautical Engineering
- Frederick Marland Chancellor, Jr., Columbus  
B.S.Ed., M.A.  
*Dissertation:* A Study to Determine the Attitudes of Inner-City Teachers Toward Racial Equality and Child-Centered Educational Practices  
*Field of Specialization:* Education
- Alfred Lawrence Christy, Dayton  
B.S., M.S. (University of Dayton)  
*Dissertation:* Translocation Kinetics in Relation to Source-Leaf Photosynthesis and Carbohydrate Concentrations in Sugar Beet  
*Field of Specialization:* Botany
- Freddie Charles Colston, Dania, Fla.  
B.A. (Morehouse College); M.A. (Atlanta University)  
*Dissertation:* The Influence of the Black Legislators in the Ohio House of Representatives  
*Field of Specialization:* Political Science
- Barbara Sue Combs, South Lebanon  
B.A. (Ohio Wesleyan University); M.A.  
*Dissertation:* *The Confidence-Man* as a Apocalyptic Vision  
*Field of Specialization:* English
- Donald Evans Corbin, Bridgewater, Va.  
B.A. (Bridgewater College); M.A. (University of Maryland)  
*Dissertation:* A Taxonomy of the Teaching of French Literature: Domains of Appreciation and Cognition  
*Field of Specialization:* Education
- Mary Louis Cranford, Chapel Hill, N. C.  
B.S. (Western Carolina College); M.Ed. (University of North Carolina)  
*Dissertation:* An Investigation of Blood Lactate Concentrations in Female Athletes Performing Various Intensities of Work  
*Field of Specialization:* Physical Education
- George Jacoby Crawford, Athens  
B.F.A., M.Ed. (Ohio University)  
*Dissertation:* Conflict in the Board Member-Board Member, Board Member-Superintendent Relationship: A Case Study  
*Field of Specialization:* Education
- Gene Robert Cupp, Canton  
B.S. in Educ., M.Ed. (Bowling Green State University)  
*Dissertation:* A Model for the Coordinated Provision of Human Development Services  
*Field of Specialization:* Education
- Charles Clarence Davis, Plymouth, N. H.  
B.Ed. (Plymouth State College); M.A.  
*Dissertation:* An Analysis of the Duties Performed by the Administrative Head of Health, Physical Education and Recreation in State Supported Colleges and Universities in the United States  
*Field of Specialization:* Physical Education
- John Howard Davis, Columbus  
B.Ch.E., M.S.  
*Dissertation:* A Kolmogorov-Type Statistic Based on a Variation of the Bivariate Distribution Function  
*Field of Specialization:* Statistics
- Kenrick Lloyd Day, Darien, Conn.  
B.A. (Wesleyan University)  
*Dissertation:* The Thermal Accommodation Coefficient of Graphite for Several Gases of Astrophysical Interest  
*Field of Specialization:* Astronomy
- Nicholas Anthony DiOibida, Coatesville, Pa.  
B.S. (West Chester State College); M.Ed. (University of Delaware)  
*Dissertation:* Effects of Word List Types on Acquisition, Retention, and Transfer in Children's Paired-Associate Learning  
*Field of Specialization:* Education
- Lorenza Dixon, Winston-Salem, N. C.  
B.S. in Ed. (Winston Salem State College); M.Ed. (University of North Carolina)  
*Dissertation:* An Assessment of The Ohio State University Urban Teacher Education Project on Teachers in Four Selected Schools  
*Field of Specialization:* Education
- Ethel Mae Hulda Docherty, Macomb, Ill.  
B.S. (Wayne State University); M.S. (Pennsylvania State University)  
*Dissertation:* The Effects of Reducing and Masking the Auditory Cues Accompanying Performance of Select Gross Motor Tasks on the Performance of Those Tasks  
*Field of Specialization:* Physical Education
- Dana Wrensch Donaldson, Lancaster  
B.S., M.S.  
*Dissertation:* Autosomal Modification of the Expression of the Cubitus Interruptus Mutant in *Drosophila melanogaster* with Special Reference to Phenotypic Instability Characterizing Certain Chromosome Combinations  
*Field of Specialization:* Genetics
- Pierre Herbert Dube, Toronto, Ont., Canada  
B.A. (Honors), M.A. (University of Toronto)  
*Dissertation:* The Individual in Chateaubriand's Universe as Seen in "Les Aventures du Dernier Abencerage"  
*Field of Specialization:* Romance Languages

- Patricia Carolyn Dunn, Raleigh, N. C.  
B.S. (East Carolina College); M.S. (University of Tennessee); M.Ed. (University of North Carolina)  
*Dissertation:* An Exploration of the Status and Future Directions of Graduate Programs in Health Education in the United States  
*Field of Specialization:* Physical Education
- Ina Warner Ehrhart, Columbus  
B.S.  
*Dissertation:* The Effect of Hypocapnia on Coronary Vascular Resistance in the Dog  
*Field of Specialization:* Physiology
- John William Ellison, Union City  
B.A. (Morehead State College); M.Ed. (Xavier University)  
*Dissertation:* The Identification and Examination of Principles Which Validate or Refute the Concept of College or University Learning Resources Centers  
*Field of Specialization:* Education
- Eugene Conrad Elser, Rochester, N. Y.  
B.A. (Roberts Wesleyan College); M.A.  
*Dissertation:* Charismatic Communication: A Critical Analysis of the Rhetorical Behaviors of George Fox, Founder of the Society of Friends  
*Field of Specialization:* Speech Communication
- John Thomas Fellerath, Bay Shore, N. Y.  
B.A. (LeMoyné College); M.A.  
*Dissertation:* Temporal Perspective and Personal Control  
*Field of Specialization:* Psychology
- David Floyd Fike, Newark  
B.A. (Manchester College); M.S.W. (University of Michigan)  
*Dissertation:* Mass Media and Social Work Practice: An Experimental Research Design to Test Attitude-Changing Effectiveness of a Planned Parenthood Advertising Campaign  
*Field of Specialization:* Social Work
- Lewis Edgar Fikes, Dayton  
A.B. (Earlham College); M.A.T. (Johns Hopkins University); M.S.  
*Dissertation:* A Study of Steric, Electronic, and Acid-Concentration Effects in Schmidt Reactions of Aryl Alkyl Ketones, Dialkyl Ketones and Cyclopropyl Ketones  
*Field of Specialization:* Chemistry
- Carol Jean Fisher, Columbus  
B.A.; M.Edu. (Bowling Green State University)  
*Dissertation:* The Influence of Children's Literature and Oral Discussion in Developing Oral Language of Kindergarten, First, and Second Grade Children  
*Field of Specialization:* Education
- Kenneth Michael Foos, Columbus  
B.S.Ed., M.S.  
*Dissertation:* Effect of Temperature, Photoperiod and Light Intensity on Sporulation of *Camposporium antennatum* Harkn  
*Field of Specialization:* Botany
- Thomas Robert Forrest, Canfield  
B.S. (University of Wisconsin); M.A.  
*Dissertation:* Structural Differentiation in Emergent Groups  
*Field of Specialization:* Sociology
- Dean Ebel Fritzler, Topeka, Kan.  
B.A., M.A. (Kansas State University)  
*Dissertation:* Cross-Cultural Understanding by Anglos in Navajo-Anglo Interactions  
*Field of Specialization:* Psychology
- Lawrence Edward Gaichas, Chicago, Ill.  
H.A.B. (Xavier University); M.A.  
*Dissertation:* Concepts of Libertas in Sallust  
*Field of Specialization:* Classics
- Robert Noel Gandee, Barberton  
B.S. Ed., M.S. Ed. (University of Akron)  
*Dissertation:* Effect of Interval Training on Systolic Time Intervals  
*Field of Specialization:* Physical Education
- Alice Walsh Garry, Worthington  
B.A. (State University of Iowa); M.A.  
*Dissertation:* A Study of Significant Incidents in a Teacher Training Early Experiencing Program  
*Field of Specialization:* Education
- Gerald Wilbur Gaston, Worthington  
B.S. (Miami University); D.D.S.  
*Dissertation:* Dental Student Attitudes Towards Computer Assisted Instruction  
*Field of Specialization:* Education
- Clarence John Geiger, Columbus  
A.B. (Columbia University); M.S. (University of Wisconsin)  
*Dissertation:* Peace In War: American Social Thought and the First World War  
*Field of Specialization:* History
- Corwin Augustin Georges, Jr., Clarksville  
A.B. (Morehead State University); M.A.  
*Dissertation:* Augustin Daly's Shakespearean Productions  
*Field of Specialization:* Theatre
- Angelika Renate Gerbes, Lexington, Mass.  
A.B. (Connecticut College); M.A. (Mills College)  
*Dissertation:* Gottfried Taubert on Social and Theatrical Dance of the Early Eighteenth Century  
*Field of Specialization:* Theatre
- Ronald Johnson Glass, St. Louis, Mo.  
A.B., M.A. (University of Missouri)  
*Dissertation:* Leibniz and Perception  
*Field of Specialization:* Philosophy
- Paul Milton Godwin, Hot Springs, Ark.  
B.A. (Arkansas Polytechnic College); M.A.  
*Dissertation:* A Study of Concepts of Melody, with Particular Reference to Some Music of the Twentieth Century and Examples from the Compositions of Schonberg, Webern, and Berg  
*Field of Specialization:* Music
- Peter Charles Goldman, Columbus  
B.S., M.S.  
*Dissertation:* The Vocal Behavior of the Field Sparrow  
*Field of Specialization:* Zoology

- John Ridgely Goral, Columbus  
B.S. (Purdue University); M.A.  
*Dissertation*: The Effects of Career Stage and Situation  
Difficulty on the Behavior and Satisfaction of Life  
Insurance Agency Managers  
*Field of Specialization*: Psychology
- John Anthony Grande, Edison, N. J.  
B.S. (Delaware Valley College); M.S.  
*Dissertation*: A Study of Germination Control  
Mechanisms in Lettuce *Lactuca sativa* (CV. Grand  
Rapids)  
*Field of Specialization*: Horticulture
- Lynne Ann Gregory, Shreveport, La.  
B.A. (Louisiana State University); M.A.  
*Dissertation*: The Relative Effectiveness of Positive  
Reinforcement and Response Cost Procedures in a Token  
Reinforcement Program in Two Junior High Special  
Education Classes  
*Field of Specialization*: Psychology
- Jack Carl Grosskopf, Columbus  
B.S. Dairy Tech., M.S.  
*Dissertation*: Characterization of Immobilized Pnase by  
Selected Substrates  
*Field of Specialization*: Dairy Technology
- Alexander Grosu, Tel-Aviv, Israel  
B.A. (Tel-Aviv University); M.A.  
*Dissertation*: The Strategic Content of Island Constraints  
*Field of Specialization*: Linguistics
- Norman Lee Grunstad, Ortonville, Minn.  
B.S. (United States Military Academy); M.A.  
*Dissertation*: The Determination of Leader Behaviors  
from the Interaction of Fielder's LPC and Situational  
Favorableness  
*Field of Specialization*: Business Administration
- David George Gueulette, Mt. Vernon  
B.A. (Kenyon College)  
*Dissertation*: Educational Technology in the Developing  
Countries: The United States Role  
*Field of Specialization*: Education
- Elizabeth McBride Hair, Port Clinton  
B.S., M.S.  
*Dissertation*: Effects of Dieldrin on Walleye Eggs,  
Development, Hatching and Fry Survival  
*Field of Specialization*: Zoology
- Sister Carol Harbeck, Baltimore, Md.  
A.B. (Mount Saint Agnes College); M.S.  
*Dissertation*: Experimental Study of the Effect of Two  
Proof Formats in High School Geometry on Critical  
Thinking and Selected Student Attitudes  
*Field of Specialization*: Education
- David Reed Harris, Fort Worth, Tex.  
B.S., B.A. (Carnegie-Mellon University); M.A. (Texas  
Christian University)  
*Dissertation*: Golda, A Graphical, On-Line System for  
Data Analysis  
*Field of Specialization*: Computer and Information Science
- Carl Leonard Harshman, Columbus  
B.A.; M.S. (Wright State University)  
*Dissertation*: An Analytical Model for Institutional Goal  
Development: A Survey of Selected Personnel Workers  
in Ohio Higher Education  
*Field of Specialization*: Education
- Judith Walters Harvey, Circleville  
A.B. (Ohio University); M.A.  
*Dissertation*: The Influence of the Reformation on  
Nürnberg Marriage Laws, 1520-1535  
*Field of Specialization*: History
- Robert Earl Henne, Columbus  
B.S.Agr.  
*Dissertation*: Rehabilitation and Recycling of Cucumber  
Processing Salt Brines  
*Field of Specialization*: Horticulture
- Richard Paul Henzel, Edgewood, Md.  
B.S. (Lebanon Valley College); M.S. (Bucknell  
University)  
*Dissertation*: I. Silver (I) Catalyzed Isomerization of  
Bicyclobutanes II. Studies on Medium Ring Enones  
*Field of Specialization*: Chemistry
- Thomas Allan Hephner, Columbus  
B.S. in B.A. (Kent State University); B.S.Ed., M.A.  
*Dissertation*: A Study of Attitudinal Differences between  
Cooperative Distributive Education Students and General  
or Academic Students of Similar Backgrounds Toward  
Retailing as a Career Goal  
*Field of Specialization*: Education
- Ronald Willard Hilwig, Tunkhannock, Pa.  
D.V.M. (Washington State University); M.S.  
*Dissertation*: Intravenous Methoxyflurane Anesthesia by  
Diffusion Through Silicone Rubber: Administration and  
Monitoring in the Canine  
*Field of Specialization*: Veterinary Physiology and  
Pharmacology
- Christine Hirsch, Clarence, N.Y.  
Ed.B. (State University of New York at Buffalo); M.A.  
(Kent State University)  
*Dissertation*: Self-Confrontation and the Effect of Focused  
Videotape Feedback on Expressed Movement Satisfaction  
*Field of Specialization*: Physical Education
- Robert Albert Hovis, Youngstown  
B.S. (Youngstown University); M.S. (Western Reserve  
University)  
*Dissertation*: On Uniformities for Hyperspaces with  
Applications to Filters  
*Field of Specialization*: Mathematics
- Terrance Lee Hufford, Grove City, Pa.  
B.S., M.A. (Bowling Green State University)  
*Dissertation*: Analysis of Seasonal and Areal Distribution  
Patterns of Diatom Taxa of Cedar Bog, Champaign  
County, Ohio  
*Field of Specialization*: Botany
- Lloyd Michael Hult, Massillon  
B.S. in Ed. (Ashland College); M.A.  
*Dissertation*: Effects of Evaluation and Multiple  
Stimulation in the Stimulus-Response Paradigm of Speech  
Therapy  
*Field of Specialization*: Speech Communication

- Mary Jane Hunter, Dallas, Tex.  
B.A., M.S. (North Texas State University); M.S.W. (San Diego State College)  
*Dissertation*: Theological Politics: An Analysis of Ends Advocated by Church Groups to Congressional Hearings Related to Poverty From 1964 through 1971  
*Field of Specialization*: Social Work
- Samuel Gregory Iams, Celina  
B.S.  
*Dissertation*: The Effect of Bilateral Adrenalectomy on the Gonadal Steroid Profile of the American Opossum  
*Field of Specialization*: Physiology
- Stephen Ernest Jacobson, Roland, Ia.  
B.S. (Iowa State University); M.S.  
*Dissertation*: Kinetic Studies of the Sulfur Dioxide Insertion into Transition Metal-Carbon Sigma Bonds  
*Field of Specialization*: Chemistry
- Felix James, Columbus, Ga.  
B.S. (Fort Valley State College); M.A. (Howard University)  
*Dissertation*: The American Addition: The History of a Black Community  
*Field of Specialization*: History
- Judith Lee Jensen, Hammond, Ind.  
A.B. (Earlham College); M.S. (Ohio University)  
*Dissertation*: The Development of Standards for Women's Athletics and Their Influence on Basketball Competition in the State of New York  
*Field of Specialization*: Physical Education
- Dorothy Rensch Johnson, Huntington, W. Va.  
A.B. (Wheaton College); A.M. (University of Pennsylvania); M.A. (Northwestern University)  
*Dissertation*: Television in Appalachia: A Comparison of Appalachian and Non-Appalachian Perception of Various Concepts and the Influence of Television Viewing upon Such Perceptions  
*Field of Specialization*: Speech Communication
- Martin Wesley Johnson, Columbus  
B.S. (Mayville State College); M.E. (University of Arizona)  
*Dissertation*: Construction of a Trunk Flexion Strength-Endurance Test for College Men  
*Field of Specialization*: Physical Education
- David Arnold Johnston, Columbus  
A.B. (Boston University)  
*Dissertation*: Politics and Policy in Ohio: A Study of Equal Rights, Pollution Control, and Unemployment Compensation Legislation  
*Field of Specialization*: Political Science
- Dina Bandhu Kalra, Jobner, India  
B.V. Sc. (Punjab University); M.Sc. (Punjab Agricultural University)  
*Dissertation*: Some Effects of Vitamin A on the Characteristics of Oviduct Fluids of the Ewe  
*Field of Specialization*: Animal Science
- John Patrick Keating, San Francisco, Calif.  
A.B., M.A. (Gonzaga University); M.Sacred Theo. (University of Santa Clara); M.A.  
*Dissertation*: Persuasive Impact, Attitudes, and Image: The Effect of Communication Medium and Audience Size on Attitudes Toward a Source and Toward His Advocated Position  
*Field of Specialization*: Psychology
- Francis Lawrence Kelly, Duarte, Calif.  
B.A. (DePaul University); M.T. (University of Illinois)  
*Dissertation*: The Institute for Education by Radio Television-A History  
*Field of Specialization*: Speech Communication
- Peter Dirck Keyser, Hinsdale, Ill.  
B.S., M.S.  
*Dissertation*: Some Energetic Aspects of Growth and Sporulation of *Bacillus megaterium*  
*Field of Specialization*: Microbiology
- Richard Charles Kimes, St. Louis, Mo.  
B.S. (Texas Technological College); M.A. (University of Kansas)  
*Dissertation*: Lysosomal Enzyme Involvement in Adenovirus Induced Cytopathologies  
*Field of Specialization*: Microbiology
- Alan Lee King, Newcomerstown  
B.S.Bus.Adm., M.A.  
*Dissertation*: An Exploratory Analysis of the Relationship between Organization Types Based on Degree of Conglomeration and Selected Market Performance Criteria in the Property and Liability Insurance Industry in the State of Ohio in 1970  
*Field of Specialization*: Business Administration
- Carl Darlington King, Newport, Tenn.  
A.B.,B.S.M. (Johnson Bible College); B.S.Ed., M.S. (University of Tennessee)  
*Dissertation*: The Conservation of Melodic Pitch Patterns by Elementary School Children as Determined by Ancient Chinese Music  
*Field of Specialization*: Music
- Jimmy Glen Koeninger, Columbus  
B.A.Ed. (Central State College); M.S. (Oklahoma State University)  
*Dissertation*: A Study to Develop and Evaluate the Effectiveness of a Simulation Package for Preservice Teacher Preparation of Cooperative Vocational Education Teacher-Coordiators  
*Field of Specialization*: Education
- Ronald Harry Kohl, Cincinnati  
B.Eng. Phys. (Cornell University)  
*Dissertation*: Polarization Effects in Photon Echoes and in an Anisotropic Laser Cavity  
*Field of Specialization*: Physics
- Thirunellai Subramanian Lakshmanan, Madras, India  
B.Sc. (University of Kerala); B.E. (Indian Institute of Science); M.Sc. (Banaras Hindu University); M.S. (Cornell University)  
*Dissertation*: Electrotransport in Dilute Liquid Copper Alloys  
*Field of Specialization*: Metallurgical Engineering

Edward James Largent, Jr., Columbus  
B.S., B.Mus.; M.M. (University of Illinois)  
*Dissertation*: An Investigation into the Perceptibility of  
Twelve-Tone Rows  
*Field of Specialization*: Music

Jae Chang Lee, Seoul, Korea  
B.S.Bus.Adm., M.S.  
*Dissertation*: Bivariate Sign Test with Binomial Null  
Distribution  
*Field of Specialization*: Statistics

Marlene Warring Lehtinen, Ashtabula  
B.A., M.A.  
*Dissertation*: Heterosexual Behavior and Attitudes of  
University Students in Relation to Living Arrangements  
*Field of Specialization*: Sociology

Jerre Lewis Lender, Jr., Dayton  
B.S., M.A.  
*Dissertation*: An Examination of the Associative Basis for  
Cross-Modal Transfer  
*Field of Specialization*: Psychology

Frank Klein Lester, Jr., Doctor's Inlet, Fla.  
B.S., M.S. (Florida State University)  
*Dissertation*: Developmental Aspects of Human Problem  
Solving in a Simple Mathematical System via Computer  
Assisted Instruction  
*Field of Specialization*: Education

Leslie Lawrence Lewchuk, Edmonton, Alta., Canada  
B.Ed. (University of Calgary); M.Ed. (University of  
Alberta)  
*Dissertation*: The Relative Effectiveness of Two Ways of  
Ordering and Presenting Instructional Content  
*Field of Specialization*: Education

Wei Chuan Liang, Willoughby  
B.A. (Kalamazoo College); M.S. (Western Reserve  
University)  
*Dissertation*: Studies on Vinyl Cations and Unsaturated  
Carbenes  
*Field of Specialization*: Chemistry

Alvin Herbert Lipsetz, Columbus  
B.A., M.Ed. (Saint Lawrence University)  
*Dissertation*: Delphi as an Intervention Technique in  
Developing a Plan of Change for the Student Affairs  
Office at The Ohio State University  
*Field of Specialization*: Education

James Fenton Lloyd, Columbus  
B.Mus.Ed. (Florida State University); M.A. (University  
of Alabama)  
*Dissertation*: An Analysis of the Communication Behavior  
Patterns of Selected Public Relations Practitioners in the  
South  
*Field of Specialization*: Speech Communication

James Edward Lorion, Bay Village  
B.A. (Michigan State University); A.M. (University of  
Michigan)  
*Dissertation*: The Role of Faculty in Governance: A Study  
of Opinion of Selected Departmental Faculties and  
Administrators at The Ohio State University  
*Field of Specialization*: Education

Marion Hannah Love, Orlando, Fla.  
B.A., M.A.T. (Rollins College)  
*Dissertation*: Experimental Theatre in Buenos Aires,  
Argentina: A Brief History of the Center of Audiovisual  
Expressive Arts, The Torcuato Di Tella Institute  
*Field of Specialization*: Theatre

Gerald Eugene Lowther, Lancaster  
B.S. in Opt., O.D., M.S.  
*Dissertation*: Recovery of Glycogen Level, Lactic Acid  
Dehydrogenase Reactivity and Normal Thickness of the  
Corneal Epithelium Following Anoxia  
*Field of Specialization*: Physiological Optics

William Charles Lubawy, South Bend, Ind.  
B.S. (Butler University); M.S.  
*Dissertation*: Somatotrophic Hormone and Hepatic Drug  
Metabolism  
*Field of Specialization*: Pharmacy

Alberta Wittenburg Luther, Portsmouth  
B.S. in Ed. (Miami University); M.A.  
*Dissertation*: An Evaluation of Supervisory Tasks in  
Vocational Business and Office Education  
*Field of Specialization*: Education

Eleanor Whiteside Lynch, Kettering  
B.S.Ed., M.A.  
*Dissertation*: An Investigation of the Effects of  
Participation as a Teacher's Aide on the Ward Behaviors  
of Institution Attendants  
*Field of Specialization*: Education

Patricia Anne Lyons, Astoria, N. Y.  
B.A. (Queens College); M.A.  
*Dissertation*: The Effect of Children's Literature and  
Oral Discussion on the Reading Achievement of First and  
Second Grade Children  
*Field of Specialization*: Education

Michael Scott Mabee, Cleveland  
B.S., M.S.  
*Dissertation*: Tissue Distribution of Aflatoxin B<sub>1</sub>-14, in  
Layer and Broiler Chickens  
*Field of Specialization*: Poultry Science

Hulon Matthews Madeley, Carrollton, Ga.  
B.S. (G.E.) (Agricultural and Mechanical College of  
Texas), M.Geol. Engr. (University of Oklahoma)  
*Dissertation*: Petrology of the Tuscaloosa Formation in  
West-Central Georgia  
*Field of Specialization*: Geology

Dorothy Markiewicz, Shaker Heights  
B.A., M.A.  
*Dissertation*: The Effects of Humor on Persuasion  
*Field of Specialization*: Psychology

©Franklin Curtis Mason, Oxford  
B.S. (Middle Tennessee State College); M.A.  
(Vanderbilt University); M.S. (Miami University)  
*Dissertation*: The Kapitza Effect in He I and He II  
*Field of Specialization*: Physics

Susan Carol Mattingly, Baltimore, Md.  
B.A. (Towson State College); M.A.  
*Dissertation*: Psychological Characteristics of Selected  
English Consonants  
*Field of Specialization*: Speech Communication

° Degree granted in cooperation with Miami University

- Jeremy Lawrence Mattson, Evanston, Ill.  
A.B. (Oberlin College); M.A.  
*Dissertation*: The Conflict of Civilization and the Wilderness: A Study of a Theme in American Literature and Painting of the Early Nineteenth Century  
*Field of Specialization*: English
- Barbara Patricia McCool, Columbus  
B.S. (Saint Mary College); M.H.A. (University of Minnesota)  
*Dissertation*: A Study of the Instruction and Evaluation Activities of the Hospital Administration Residency in Relation to Selected Characteristics of the Experience  
*Field of Specialization*: Education
- William Cecil McDonald, Blacksburg, Va.  
B.S. Ed., M.A. (Wayne State University)  
*Dissertation*: A Survey of German Medieval Literary Patronage From Charlemagne to Maximilian I  
*Field of Specialization*: German
- Joan Robertson McFadden, Fairborn  
B.S.H.E., M.S.H.E. (Purdue University)  
*Dissertation*: A Comparison of Methods of Preparing Youth for Employment: Cooperative Vocational Education Versus in-School Vocational Education  
*Field of Specialization*: Education
- Grant Fletcher McKernie, Rock Island, Ill.  
B.A. (Northwestern University); M.A.  
*Dissertation*: Politics in Modern British Drama: The Plays of Arnold Wesker and John Arden  
*Field of Specialization*: Theatre
- John Leland McManus, Cleveland  
B.S., M.A.  
*Dissertation*: Parent Group Instruction in Behavioral Applications with the Parent as Primary Change Agent  
*Field of Specialization*: Psychology
- Edna Mae Menke, Cincinnati  
B.S.N. (University of Cincinnati); M.S.  
*Dissertation*: Factors Related to Children's Perception of Stress in the Hospital  
*Field of Specialization*: Education
- Hector Alfredo Merklen, Vina Del Mar, Chile  
Licenciado (University of Buenos Aires)  
*Dissertation*: On Crossed Product Orders  
*Field of Specialization*: Mathematics
- Jack Allan Meyer, Columbus  
A.B. (University of Michigan); M.A.  
*Dissertation*: Labor Supply of Women Potentially Eligible for Family Assistance  
*Field of Specialization*: Economics
- Bonnie Marie Meyers, Fairborn  
B.A., M.A.  
*Dissertation*: Early Language Development as a Function of Active Response and Stimulus Redundancy  
*Field of Specialization*: Psychology
- Demissie Gebre Michael, Columbus  
B.S. (Imperial Ethiopian College of Agricultural and Mechanical Arts); M.S.  
*Dissertation*: Factors Associated with Innovative Adoption among Selected Farmers in Southern Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- David Arthur Miller, Columbus  
B.S.E.E. (Ohio Northern University); M.S. (Ohio University)  
*Dissertation*: Closed-Loop Analysis of the Avian Respiratory Controlling System by Varying the Parameters of the Plant  
*Field of Specialization*: Physiology
- Helen Nagtalon Miller, Honolulu, Hawaii  
Ed.B., M.A. (University of Hawaii)  
*Dissertation*: The Concept of "Culture" in the Curriculum of Second Language Teaching  
*Field of Specialization*: Education
- Jane Nelson Miller, East Cleveland  
B.A. (Ohio Wesleyan University); M.A.  
*Dissertation*: Consumer Response to Theoretical Role Models in School Psychology  
*Field of Specialization*: Psychology
- Heidie Clara Mitchell, Mansfield  
B.S. in Ed. (Bowling Green State University); M.A. (Michigan State University)  
*Dissertation*: The Use of 8mm Film for Individualized Instruction of First and Fourth Grade Children in the Overarm Throw and the Skip  
*Field of Specialization*: Physical Education
- Edward Allen Molnar, Lorain  
B.S. (Ohio University); M.S.  
*Dissertation*: Relation between Wedge Cancellation and Localization for Complexes with Two Cells  
*Field of Specialization*: Mathematics
- Albert Harrison Moore, Xenia  
B.M.E. (Pratt Institute); M.S. (New York University)  
*Dissertation*: Estimation of Parameters in Life Testing and Related Topics  
*Field of Specialization*: Statistics
- Harry Kent Moore, Harrisonburg, Va.  
B.S. (Manchester College); M.Ed. (Harvard University); M.S.  
*Dissertation*: A Study in Programmed Instruction Using the Medium of Video Tape  
*Field of Specialization*: Education
- Jeffrey Louis Moss, Fort Benning, Ga.  
B.S. (Central Connecticut State College); M.S.W. (Rutgers State University)  
*Dissertation*: Interprofessional Collaboration to Influence the Formulation of Social Policy in Mental Health: A Case Study  
*Field of Specialization*: Social Work
- Michael Derrington Murphy, Angola, Ind.  
B.S. (Educ.) (University of Wisconsin); A.M. (University of South Dakota)  
*Dissertation*: The Development and Assessment of an Experimental Teacher Training Program for Beginning Graduate Assistants in Chemistry  
*Field of Specialization*: Education

- John Ralph Murray, III, Kalamazoo, Mich.  
B.S. (Elmira College); M.B.A. (Western Michigan University)  
*Dissertation*: The Performance and Attitudinal Consequences of Unplanned Frustration due to Programmed Loops in a Computer Assisted Course in Introductory Psychology  
*Field of Specialization*: Psychology
- Donald Richard Neff, Alpha  
B.S.Ed.  
*Dissertation*: Vocational Education in State and Federal Adult Correctional Institutions in the United States  
*Field of Specialization*: Education
- Leonard Jackson Newell, Jr., Columbus  
B.A.; M.A. (Duke University)  
*Dissertation*: Role Orientation and Job Satisfaction among Professors of Educational Administration  
*Field of Specialization*: Education
- Henry Charles Nixt, Waterloo, Ia.  
B.S. (Loras College); M.S.  
*Dissertation*: The Relative Effects of Frequent Use of Advance Organizers and Structured Reviews as Alternative Uses of Recitation Time in College Mathematics for Non-Physical Science Students  
*Field of Specialization*: Education
- Grace T. U. Noda, Honolulu, Hawaii  
Ed.B. (University of Hawaii); M.A.  
*Dissertation*: Collective Negotiations for Curriculum and Instructional Change  
*Field of Specialization*: Education
- Carl George Nothhaft, Columbus  
B.A. in F.P.A., M.A. (Kent State University)  
*Dissertation*: A Critical Review of News and Public Affairs Programming at WKBS TV, Philadelphia, Pennsylvania  
*Field of Specialization*: Speech Communication
- Stavros George Nychas, Attica, Greece  
Diploma (National Technical University of Athens)  
*Dissertation*: A Visual Study of Turbulent Shear Flow  
*Field of Specialization*: Chemical Engineering
- Susan Beth Raynor Olson, Huntington, W.Va.  
B.A. (Rollins College); M.F.A. (University of Georgia)  
*Dissertation*: The Role of Broadcasting within the British Open University  
*Field of Specialization*: Speech Communication
- Laurel Elijah Pease, Granville  
A.B. (Los Angeles State College); M.S. (San Fernando Valley State College)  
*Dissertation*: An Examination of the Insurance Business and its Role in the Growth and Development of a Non-Industrialized State  
*Field of Specialization*: Business Administration
- William T. Peruzzi, Scituate, Mass.  
B.S. (Boston University); M.T.S. (College of William and Mary)  
*Dissertation*: A Study of Science Department Head Supervisory Styles and their Affective Correlates  
*Field of Specialization*: Education
- Gregory Lee Peters, Oxford  
B.A. (Miami University); M.A.  
*Dissertation*: Coding Processes in Active and Inactive Memory  
*Field of Specialization*: Psychology
- Ralph Ira Porterfield, Worthington  
B.S. (Capital University)  
*Dissertation*: The Development of Continuous Flow and Stop Flow Differential Redox Potentiometry and Application to Kinetic Analysis at the Carbon Electrode  
*Field of Specialization*: Pharmacy
- Harbhajan Singh Prihar, Jullundur, India  
B.Sc. (Panjab University); M.Sc. (Agra University); M.S.  
*Dissertation*: A New Procedure for the Synthesis of Glycosy-Phosphates  
*Field of Specialization*: Biochemistry
- Robert Stephen Prout, New Concord  
B.A. (Muskingum College); LL.B. (LaSalle Extension University); M.Ed. (Ohio University)  
*Dissertation*: Developing A Curriculum for Law Enforcement Associate Degree Programs  
*Field of Specialization*: Education
- Paul Alexis Rab, Dayton  
B.S., M.S.  
*Dissertation*: Nest-Cleaning Behavior in Two Genetic Stocks of Honey Bees (*Apis mellifera L.*)  
*Field of Specialization*: Zoology
- Neal Clifford Raber, Cleveland  
B.Sc. in Edu. (Kent State University); M.S.  
*Dissertation*: On Ostrom's Finite Hyperbolic Planes  
*Field of Specialization*: Mathematics
- James Richard Raia, Parma  
B.S., M.A.  
*Dissertation*: Encoded and Decoded Semantic Differentiated Meaning of Counseling Attire, Seating and Office Proxemic Variables  
*Field of Specialization*: Psychology
- <sup>2</sup>John Robert Ray, Fairborn  
A.B., A.M. (Indiana University)  
*Dissertation*: Attitudes Toward Surface Mining for Coal and Reclamation in Ohio: A Spatial Analysis  
*Field of Specialization*: Geography
- Barbara Duffey Redick, Columbus  
B.S. Ed., M.A.  
*Dissertation*: Role Conflict and Role Ambiguity among the Public School Counselors in Franklin County, Ohio  
*Field of Specialization*: Education

<sup>2</sup> Degree granted in cooperation with Miami University

- Charles Robert Reed, Oglesby, Ill.  
B.A. (Cedarville College) ; M.A.  
*Dissertation: Image Alteration in a Mass Movement: A Rhetorical Analysis of the Role of the Log College in the Great Awakening*  
*Field of Specialization: Speech Communication*
- John William Reese, Greenwood, Wis.  
B.S. (Wisconsin State College) ; M.S.  
*Dissertation: Effects of Photoperiod on Swarming Behavior and Mating Activity in *Aedes Triseriatus* (Say)*  
*Field of Specialization: Entomology*
- Marilyn Miller Rehm, Columbus  
B.S. (Otterbein College)  
*Dissertation: Investigation of the Role of RNA Synthesis in the Rapid Inhibition of Auxin-Promoted Elongation of *Avena* Coleoptiles by Abscisic Acid*  
*Field of Specialization: Botany*
- Thomas George Reigle, Navarre  
B.S. in Pharm. (University of Cincinnati)  
*Dissertation: Potential Neurotransmitters and Receptor Mechanisms Involved in the Central Control of Body Temperature in Hamsters*  
*Field of Specialization: Pharmacy*
- Eric Edward Rice, Milwaukee, Wis.  
B.S. (University of Wisconsin)  
*Dissertation: A Study of Photochemically Initiated Weak Detonation Waves in Hydrogen-Oxygen-Chlorine Mixtures*  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Harry Michael Rosenberg, Columbus  
B.A. (University of North Carolina) ; M.A. (Brandeis University)  
*Dissertation: The Influence of Fertility Strategies on the Labor Force Status of American Wives*  
*Field of Specialization: Sociology*
- Jacqueline Kay Powell Rothman, Columbus  
B.A. (Southern Illinois University) ; M.A.  
*Dissertation: A Study of the Role of Ohio School Psychologists*  
*Field of Specialization: Education*
- Sharon Kay Ruhly, Kettering  
B.A. (Otterbein College) ; M.A.  
*Dissertation: The Communication of Culture Through Film*  
*Field of Specialization: Speech Communication*
- Roy Lamar Rummel, Chillicothe  
B.A. (Valparaiso University) ; B.D. (Concordia Theological University) ; M.A.  
*Dissertation: Implicit Moral Values and Interpersonal Behavior as Related to College Aged Students and Elderly People*  
*Field of Specialization: Psychology*
- Kulbir Sabharwal, Kurukshetra, India  
B.Sc. (Ag. and A.H.), M.Sc. (Ag. and A.H.) (Punjab Agricultural University) ; M.S.  
*Dissertation: Creaming in Evaporated Milk*  
*Field of Specialization: Dairy Technology*
- Irene Segger Sander, Columbus  
B.S. in Ed. (Capital University) ; M.A.  
*Dissertation: A Submaximal Cardiovascular Fitness Test for Fourth, Fifth and Sixth Grade Girls*  
*Field of Specialization: Physical Education*
- David Carroll Sanders, Sheridan, Ind.  
B.S. (Butler University) ; M.S.  
*Dissertation: The Chemistry of Bicyclo (4.2.1) Nona-2,7-Trien-9-One, Bicyclo (4.2.1) Nona-2,4,7-Trien-9-Y1 Intermediates and Their Derivatives*  
*Field of Specialization: Chemistry*
- Emerson Sanders, Lansing, Mich.  
B.S. (Prairie View Agricultural and Mechanical College of Texas) ; M.A. (Michigan State University)  
*Dissertation: Volunteer 4-H Leaders Working with Youth with Limited Resources in the Expanded Food and Nutrition Education Program*  
*Field of Specialization: Agricultural Education*
- William Sturtevant Sargent, Jr., Findlay  
B.B.A. (Agricultural and Mechanical College of Texas) ; M.B.A. (Miami University)  
*Dissertation: An Experimental Study of Student Decision-Making Effectiveness in a Computer-Assisted Case Study Learning Environment*  
*Field of Specialization: Business Administration*
- Karl Francis Schaum, Toms River, N. J.  
B.S.Ed. (California State College, Pennsylvania) ; M.Ed. (Indiana University of Pennsylvania)  
*Dissertation: The Effect of Aeration and Growth Periods on Allergenic Extracts Prepared from Two Strains of *Alternaria Brassicicola* (Schwein) Wiltshire*  
*Field of Specialization: Botany*
- John Ross Schleppe, Columbus  
B.S.Ed., M.A.  
*Dissertation: A History of Professional Association Football in England during the Second World War*  
*Field of Specialization: Physical Education*
- John Eric Schneider, Yuba City, Calif.  
B.S., M.Ed. (University of Southern California)  
*Dissertation: Development of a Model of Collaborative Instructional Planning and Development*  
*Field of Specialization: Education*
- Gregory Kent Schubert, Bowling Green  
B.A., M.A. (Miami University)  
*Dissertation: The Proposed Merger of the American Broadcasting Company and The International Telephone and Telegraph Corporation*  
*Field of Specialization: Speech Communication*
- Leda Scott Scrimsher, Columbus  
B.S. (H.E.), M.S. (University of Idaho)  
*Dissertation: Determining the Effectiveness of an Instructional Package for Teacher Education Involving the Affective Dimension*  
*Field of Specialization: Home Economics*
- Donald Lee Sexton, Portsmouth  
B.S. (Wilmington College) ; M.B.A.  
*Dissertation: Improving a Company's Total Performance Through Time: An Analysis of the Attitudinal and Behavioral Impact of Human Resource Information on Productivity*  
*Field of Specialization: Business Administration*

- Donald David Shandler, Caldwell, N. J.  
B.A., M.A. (Montclair State College)  
*Dissertation*: American Shakespeare Festival Theatres:  
A Sense of Occasion  
*Field of Specialization*: Theatre
- Margaret Early Shrewsbury, Gahanna  
A.B. (West Virginia University); M.A.  
*Dissertation*: The Effect of Four Variables on Judgments  
of Severity of Articulatory Defectiveness  
*Field of Specialization*: Speech Communication
- Jerry Edward Shuck, Columbus  
B.S. (Western Kentucky University); M.A. (San Jose  
State College)  
*Dissertation*: Governance of Vocational Programs in Big  
City School Systems  
*Field of Specialization*: Education
- John Walter Duncan Sinclair, Edmonton, Alta., Canada  
B.Sc. Honors, M.Sc. (University of Alberta)  
*Dissertation*: Spectroscopy of  $^{67}\text{Zn}$  Via Analog Resonances  
in  $^{67}\text{Zn}$  (p,p' $\gamma$ )  
*Field of Specialization*: Physics
- Ram Dhan Singh, Tehsil-Sonepat, India  
M.Sc. (Panjab Engineering College)  
*Dissertation*: Mechanical Characterization and Finite  
Element Analysis of Elastic-Plastic, Work-Hardening Soil  
*Field of Specialization*: Civil Engineering
- Morgan Emery Sisk, Murray, Ky.  
B.S. Agr. (Murray State Teachers College); M.S.  
(Oklahoma State University)  
*Dissertation*: Invertebrate Drift in an Ohio Stream and  
its Utilization by Warm-Water Fish  
*Field of Specialization*: Zoology
- John Jay Smith, Wooster  
B.A. (Goshen College); M.S. (Cornell University)  
*Dissertation*: The Effect of an Instructional Sequence on  
Self-Evaluation Practices and Attitudes of Pre-service  
Science Teachers  
*Field of Specialization*: Education
- Robert Ernest Smith, Jr., Columbus  
B.S.Bus.Adm., B.S.Ed., M.A.  
*Dissertation*: Self Concept in Female Delinquents  
*Field of Specialization*: Education
- Thomas Eugene Smith, Tipp City  
A.B. (Earlham College); M.A.T. (Miami University)  
*Dissertation*: On-Line Computer Terminal Performance  
on Science Related Tasks of Concept-Attainment  
*Field of Specialization*: Education
- Patricia Louise Soares, Conneaut  
B.S.Ed. (Bowling Green State University); M.Ed.  
(Women's College, University of North Carolina)  
*Dissertation*: An Investigation of Attitudes Expressed  
toward the DGWS Philosophy and Standards of  
Competition for High School Girls  
*Field of Specialization*: Physical Education
- Harry Edward Sommer, Chatham, N. Y.  
B.S.Agr. (University of Vermont); M.A. (University of  
Maine)  
*Dissertation*: Influence of 2,4 Dichlorophenoxyacetic Acid  
on Nitrate Reductase and Protein in Wild Carrot (*Daucus  
Carota* L.) Tissue Culture  
*Field of Specialization*: Botany
- Festus Ibeawuchi Soribe, Owerri, Nigeria  
B.S. Agr. Eng. (California State Polytechnic College);  
M.S.  
*Dissertation*: Dynamic Simulation of Environment and  
Plant Growth in an Air-Supported Plastic Greenhouse  
*Field of Specialization*: Agricultural Engineering
- Adam Junior Sponaugle, Martinsburg, W. Va.  
B.S. Agr., M.S. (West Virginia University)  
*Dissertation*: Attitudes of Guidance Counselors Regarding  
Vocational Education  
*Field of Specialization*: Agricultural Education
- Arthur William Sprague, Jr., Granville  
B.A. (Kenyon College); B.S.Ed. (Denison University);  
M.Ed. (Kent State University)  
*Dissertation*: Attitudinal Changes in Secondary School  
Students as a Result of Studying an Ethnohistory of the  
Kiowa Indians  
*Field of Specialization*: Education
- Hugh Blair Stamper, Jr., Warren  
B.S., M.S.  
*Dissertation*: Characterization of a *Bacillus* Species and  
its Pathogenicity for Mice  
*Field of Specialization*: Microbiology
- Donal Junior Stanton, Ash Grove, Mo.  
B.S.Ed. (Southwest Missouri State College); M.A.  
(University of Arkansas)  
*Dissertation*: A Rhetorical Evaluation of Thomas Hart  
Benton's Slavery Speeches, 1844-1858  
*Field of Specialization*: Speech Communication
- Betty Jean Stoess, Louisville, Ky.  
B.A. (University of Louisville); M.A.  
*Dissertation*: A Study of Content Development in Selected  
Secondary Biology Classes  
*Field of Specialization*: Education
- James Clair Summers, Morgantown, W. Va.  
B.S. Bus. Adm., M.B.A. (West Virginia University)  
*Dissertation*: The Impact of Employer Attitudes and  
Characteristics on the Outcome of a Government Sponsored  
On-the-Job Training Program in North-Northcentral  
West Virginia  
*Field of Specialization*: Business Administration
- Thomas Rodney Swearingen, Columbus  
A.B. (William Jewell College); M.A. (University of  
Kansas)  
*Dissertation*: A Study of the Attitudes of Selected  
Members of the Academic Community Regarding the  
Student Personnel Program at the Big Ten Universities  
*Field of Specialization*: Education
- Gene Anthony Telego, Upper Sandusky  
B.A. (Ashland College); M.A.  
*Dissertation*: An Analysis of Selected Aspects of Student  
Teaching Centers in Secondary Schools  
*Field of Specialization*: Education
- William Allen Ternent, Columbus  
B.S.Ed., M.A.  
*Dissertation*: College Student Perceptions of College  
Course Relevance: An Exploratory and Descriptive Study  
*Field of Specialization*: Speech Communication

- Carolyn Ann Terry, Richardson, Tex.  
B.S. (Texas Christian University); M.Ed. (University of Houston)  
*Dissertation*: A National Survey of Children's Poetry Preferences in the Fourth, Fifth, and Sixth Grades  
*Field of Specialization*: Education
- Carolyn Elise Thomas, Moscow, Idaho  
B.S. (Western Michigan University); M.S. (University of Washington)  
*Dissertation*: The Perfect Moment: An Aesthetic Perspective of the Sport Experience  
*Field of Specialization*: Physical Education
- Leon Garfield Thompson, Columbus  
B.S. (United States Military Academy); M.S.  
*Dissertation*: Edges as Specifiers of Image Quality  
*Field of Specialization*: Geodetic Science
- Daryl Andrew Travnicek, Lincoln, Neb.  
B.S. in M.E. (University of Nebraska); M.S.  
*Dissertation*: Bayesian Analysis of Markov Chains and Inference in a Stochastic Model  
*Field of Specialization*: Statistics
- Jo Ann Louise Tyler, Columbus  
B.S. in Phys. Ed. (Mississippi State College for Women); M.A.  
*Dissertation*: The Relationship between Self-Concept and Motor Performance of Second Grade Children  
*Field of Specialization*: Physical Education
- John Arthur Van de Walle, Fort Mitchell, Ky.  
B.A. (Bellarmine College); M.A. (Saint Louis University)  
*Dissertation*: Attitudes and Perceptions of Elementary Mathematics Possessed by Third and Sixth Grade Teachers as Related to Student Attitude and Achievement in Mathematics  
*Field of Specialization*: Education
- William Kent Van Tyle, Monticello, Ind.  
B.S. (Butler University); M.S.  
*Dissertation*: Pharmacokinetic Disposition of Noraporphine Derivatives and its Influence on the Elicitation of Stereotypical Gnawing  
*Field of Specialization*: Pharmacy
- Everett Garrison Walters, Columbus  
A.B., M.A. (Boston University)  
*Dissertation*: Ion C. Bratianu: The Making of a Nationalist Politician, 1821-1866  
*Field of Specialization*: History
- Ting-Hwa Wang, Park Forest, Ill.  
Diploma (Taiwan Provincial Cheng-Kung University); M.S.C.E. (University of Missouri)  
*Dissertation*: A Theory for Thick Elastic Plates  
*Field of Specialization*: Engineering Mechanics
- David John Hopetoun Watson, Brisbane Australia  
B.Com. (University of Queensland); M.A.  
*Dissertation*: The Structure of Project Teams Facing Differentiated Environments: A Study of Public Accounting Firms  
*Field of Specialization*: Accounting
- Melvin Richard Webb, Atlanta, Ga.  
B.S. (Albany State College); M.A. (Atlanta University)  
*Dissertation*: Teaching Science in Public Elementary Schools of the Plains, Rocky Mountain and Southeast Regions of the United States  
*Field of Specialization*: Education
- Carl Frederick Reinhold Weiman, Tampa, Fla.  
B.S. (Yale University); M.A. (University of South Florida)  
*Dissertation*: Pattern Recognition by Retina-like Devices  
*Field of Specialization*: Computer and Information Science
- Robert William Weinbach, Alexandria, Va.  
B.A., M.S.W. (New York University College, Buffalo)  
*Dissertation*: Identification with the Social Work and Mental Health Professions as Factors Relating to Social Worker Job Satisfaction and Job Performance: An Inquiry into the Value of the Inter-Professional Model  
*Field of Specialization*: Social Work
- Robert Murray Weissberg, Cleveland Heights  
B.S. Ed.  
*Dissertation*: The Dynamic Effect of Pulmonary CO<sub>2</sub> on Tidal Volume in a Unidirectional Ventilated Avian Preparation  
*Field of Specialization*: Physiology
- Jack Meredith Weller, Mt. Gilead  
B.A., M.A.  
*Dissertation*: Innovations in Anticipation of Crisis: Organizational Preparations for Natural Disasters and Civil Disturbances  
*Field of Specialization*: Sociology
- James Newcomb Westwater, Columbus  
B.A.  
*Dissertation*: A Wide-Screen Multi-Image Presentation Used as a Multi dimensional Resource for Environmental Education: A Study of Teacher-User Perceptions  
*Field of Specialization*: Education
- Henry George Wetzler, Hinsdale, Ill.  
A.B. (Cornell University); M.A. (Rutgers State University); M.S.  
*Dissertation*: Predicting Student Achievement and Satisfaction with the Teacher in College Mathematics in Terms of Previous Students' Satisfaction with this same Teacher  
*Field of Specialization*: Education
- Wayne Richard Wheeler, West Springfield, Mass.  
B.S. (United States Military Academy); M.A.  
*Dissertation*: A Field Test of Stogdill's Mathematical Model of Group Achievement  
*Field of Specialization*: Business Administration
- Bruce Jay Whittemore, Waterloo, Ia.  
B.A. (State College of Iowa); M.S.  
*Dissertation*: A Generalized Decision Model for the Analysis of Information  
*Field of Specialization*: Computer and Information Science
- Harry Dean Wilfong, Jr., Dayton  
A.B., A.M. (West Virginia University)  
*Dissertation*: Chronological Leniency and Linear Transformation of the Supervisory Appraisal Scale  
*Field of Specialization*: Psychology

Ned Bruce Wilson, Toronto

B.S., M.S.

*Dissertation:* Juvenile Delinquency and the Societal Response: A Systematic Analysis

*Field of Specialization:* Industrial Engineering

Daniel Wayne Workman, Lexington

B.S.Ed. (Ashland College); M.A.

*Dissertation:* The Relationship of Selected Variables in Decision-Making Regarding Choice of a Career in Teaching

*Field of Specialization:* Education

Lucille Eva Johnson Wright, Waterloo, Ia.

B.S.Bus.Ad. ; M.A. Ed. (University of Northern Iowa)

*Dissertation:* A Sociometric Study, through Histrionism, of the Relative Impact of Physical Attractiveness on the Employment Probability of Office Personnel

*Field of Specialization:* Education

William Benjamin Young, Fairborn

B.G.E. (University of Omaha); M.S. (Miami University)

*Dissertation:* Group Process Experiences for Sixty University Students

*Field of Specialization:* Education

Yousif Hanna Yousif, Mosul, Iraq

B.S. (University of Baghdad); M.S. (Virginia Polytechnic Institute)

*Dissertation:* The Effects of Etiolation and Ringing on Rooting of Myrobalan Plum (*Prunus Sevassifera*) Cuttings

*Field of Specialization:* Horticulture

Sidney Norman Zelson, Normal, Ill.

A.B., A.M. (University of Missouri)

*Dissertation:* Directed Dialogue and Pattern Drill in First and Second Year High School Spanish Classes: A

Comparison of Two Treatments

*Field of Specialization:* Education

**Certificate of Specialist in  
Russian Area Studies**

One candidate

<sup>1</sup>James Frederick Allen, Groton, Conn.  
B.S.E. (University of Michigan)

**Master of Architecture**

Four candidates

Charles Raymond Heuer, Poland  
B.Arch. (Carnegie-Mellon University)  
*Field of Specialization:* Architecture

Michael Kyong-il Kim, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization:* Architecture

Young-Hun Sohn, Columbus  
B.S., M.Arch. (Yeungnam University,  
Korea)  
*Field of Specialization:* Architecture

David Lester Warren, Aurora, Ill.  
B.Arch. (Iowa State University of  
Science and Technology)  
*Field of Specialization:* Architecture

**Master of Arts**

Four hundred and thirty-nine candidates

Jack Don Adkins, Columbus  
B.S. (Wilmington College)  
*Field of Specialization:* Education

Meshach Enakerakpor Akpe,  
Ibadan, Nigeria  
B.A. (University of Ghana)  
*Field of Specialization:* Public  
Administration

Suzanne Peer Alexander, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

<sup>1</sup>James Frederick Allen, Groton, Conn.  
B.S.E. (University of Michigan)  
*Field of Specialization:* Slavic  
Languages

Joseph Tarver Allen, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Barbara Brenk Anderson, Columbus  
B.S. (Educ.) (University of  
Wisconsin, Madison)  
*Field of Specialization:* Speech  
Communication

Burnadine Moss Anderson,  
Shreveport, La.  
B.A. (Southern University and  
Agricultural and Mechanical College)  
*Field of Specialization:* Journalism

Jon Norman Anderson, Circleville  
B.S.Ed.  
*Field of Specialization:* Education

James Carl Andre, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Daniel Edward Andreas, Sugarcreek  
B.S.Ed.  
*Field of Specialization:* Education

Richard James Angelou, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization:* Education

Louise Annarino, Newark  
B.S.Ed.  
*Field of Specialization:* Education

Sandra Zorn Anthony, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Thomas Nelson Applegate,  
Fredericktown  
B.S.Ed.  
*Field of Specialization:* Education

Brenda Joyce Arnett, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Catherine Marie Crawford Ashley,  
Salem  
B.A. (Kent State University)  
*Field of Specialization:* Political  
Science

Gilbert Wilson Atnip, Tampa, Fla.  
B.A. (Stetson University)  
*Field of Specialization:* Psychology

Marilyn Joan Axtmann, Youngstown  
B.S. in Educ. (Mount Union College)  
*Field of Specialization:* Education

Vicki Cook Baack, Clinton, Ia.  
B.A. (University of Iowa)  
*Field of Specialization:* Education

Karl Thomas Bachman, Cincinnati  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Psychology

Charlotte Ann Heistand Baker,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

David Dale Baker, Loekbourne  
B.S.Ed.  
*Field of Specialization:* Music

Thomas Eugene Bakes, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Adrienne Kassin Baltuch, Columbus  
B.A. (University of Kansas City)  
*Field of Specialization:* Education

Lee Barnes, Buffalo, N. Y.  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education

Jacklyn Lee Barnhart, Caldwell  
B.S.Ed.  
*Field of Specialization:* Education

Mary Elizabeth Barry, Columbus  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education

Beverly Ann Bartos, Seven Hills  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Elizabeth Ramlow Bathory, Euclid  
A.B. (Oberlin College)  
*Field of Specialization:* English

Roberta Yoder Bavry, Pataskala  
B.A. (Purdue University)  
*Field of Specialization:* English

Dennis Arlo Beer, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Alice Tybout Beery, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Marian Jane Belt, Columbus  
B.S.H.E.  
*Field of Specialization:* Education

Dennis Keith Benson, Dayton  
A.B. (Miami University)  
*Field of Specialization:* Political  
Science

John Frederick Berning, Grove City  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Charles Alvin Berry,  
Long Beach, Calif.  
B.A. (California State College at  
Long Beach)  
*Field of Specialization:* Psychology

Timothy Lee Best, Lima  
B.S.Ed.  
*Field of Specialization:* Education

Susan Louise Billing, Sidney  
A.B. (Asbury College)  
*Field of Specialization:* Education

<sup>1</sup> Also Master of Arts, Graduate School  
<sup>2</sup> Also Certificate of Specialist in  
Russian Area Studies, Graduate School

Dennis Lynn Billingsley, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Michael Thomas Black, Wooster  
B.S.Ed.

*Field of Specialization:* Physical  
Education

Lyda Key Bogart, Columbus  
B.S.Ed.

*Field of Specialization:* Education

John Brian Bonner, Columbus  
B.Mus.Ed.

*Field of Specialization:* Music

Carol Annette Bowles, Bradford  
A.B. (Miami University)

*Field of Specialization:* English

Robert Emil Braun, Columbus  
B.S.Bus.Adm. (Waynesburg College)

*Field of Specialization:* Education

Joan Tassile Brent, Columbus  
B.S.Ed. (Kent State University)

*Field of Specialization:* Education

Marilyn Sandra Brick,  
Philadelphia, Pa.

A.B. (Temple University)

*Field of Specialization:* English

Elizabeth Arndt Brownlee,  
Winter Park, Fla.

B.S.Ed. (University of Nebraska)

*Field of Specialization:* Education

Sister Sandra Brunenn, Nauvoo, Ill.  
B.A. (Saint Ambrose College)

*Field of Specialization:* Education

James Walter Bryer, Jr.,  
Cahokia, Ill.

B.S. (Saint Louis University)

*Field of Specialization:* Psychology

Carol Elaine Buechner, Hamilton  
B.S. in Edu. (Miami University)

*Field of Specialization:* Education

Dulcisima C. Buenaobra, Lorain  
B.S. (Philippine Normal College)

*Field of Specialization:* Education

Marilyn Jones Burgermeister,  
Columbus

B.S.Ed.

*Field of Specialization:* Education

Robert Charles Burkhardt,  
Sharon, Pa.

B.S. (Pennsylvania State University)

*Field of Specialization:* Physical  
Education

Larry Loring Burriss, Columbus  
B.A.Jour.

*Field of Specialization:* Journalism

James Harold Butts, Jr.  
Canal Winchester

A.B. (Asbury College)

*Field of Specialization:* Education

Helen Eileen Byrd, Jacksonville, Fla.  
B.A. (University of Florida)

*Field of Specialization:* Psychology

Nancy Ann Armstrong Canfield,  
New Carlisle

B.S.Ed.

*Field of Specialization:* Education

Richard Irving Canfield, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Armand William Carriere,  
Washington, D. C.

B.S.Bus.Adm. (University of Rhode  
Island)

*Field of Specialization:* Education

Benjamin Dickerson Caton,  
Newport, Tenn.

B.S.M.E. (East Tennessee State  
University)

*Field of Specialization:* Music

Dominic Joseph Cavello, Columbus  
B.A.

*Field of Specialization:* Classics

Roland Armand Champagne,  
Jacksonville, N. C.

B.A. (Providence College)

*Field of Specialization:* Romance  
Languages

Marcus Lonnie Clark, Columbus  
B.S. (David Lipscomb College)

*Field of Specialization:* Physical  
Education

Walter Black Clark, Richwood  
B.S.Econ. (Missouri Valley College)

*Field of Specialization:* Education

Sharon Danielle Grant Cline,  
Columbus

B.A. (West Virginia Wesleyan  
College)

*Field of Specialization:* Education

Karen Macioge Coggins, Grove City  
B.A. (Geneva College)

*Field of Specialization:* Education

Clarice Sue Combs, Polar, Wis.  
B.S. (Wisconsin State University,  
Oshkosh)

*Field of Specialization:* Physical  
Education

Cheryl Strobel Connery, Winterville  
B.S.Ed.

*Field of Specialization:* Education

Ann Reed Conrad, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Anne Elizabeth Conrad, Reynoldsburg  
B.S. (Florida Southern College)

*Field of Specialization:* Education

Richard Alan Conway,  
Toronto, Ont., Canada

B.A. (Knox College)

*Field of Specialization:* Political  
Science

Mary Vermaaten Cook, Marietta  
B.S.Ed. (Ohio University)

*Field of Specialization:* Education

Jan Elizabeth Corbally, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Charles Michael Corea, Cleveland  
B.S.Ed. (Ohio University)

*Field of Specialization:* Education

Kathleen Wiget Corrao, Reynoldsburg  
B.S.Ed.

*Field of Specialization:* Education

Ellen Brust Cotman, Columbus  
A.B.Ed. (University of Michigan)

*Field of Specialization:* Education

Marilyn Martin Craig, Caledonia  
B.S.Ed.

*Field of Specialization:* Education

Russell Lee Crance,  
Clifton Forge, Va.

B.A. (Marshall University)

*Field of Specialization:* Physical  
Education

James Robert Cromwell, Columbus  
B.A., B.S.Ed.

*Field of Specialization:* Education

David Montgomery Cross,  
Rockport, Mass.

B.A. (University of Minnesota)

*Field of Specialization:* Psychology

Helena Mary Czepiec, Toledo  
B.A. (University of Toledo)

*Field of Specialization:* Political  
Science

Diane Tilton Davis, Warren  
B.S.Ed.

*Field of Specialization:* Education

Brent Albert Dearbaugh, Columbus  
B.A.Bus.Adm. (Wittenberg  
University)

*Field of Specialization:* Education

Catherine Margaret Deatherage,  
Columbus

B.A. (Ohio Wesleyan University)

*Field of Specialization:* Education

- Mary Jane Beekley DeLuca, Cincinnati  
B.S. in Edu. (Miami University)  
*Field of Specialization: Education*
- Arsonia Virginia DePriest, Sandston, Va.  
B.A. (Hampton Institute)  
*Field of Specialization: Psychology*
- John Robert DeRing, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Patricia Ramona DeZelar, Norwalk  
B.S.Ed., M.A.  
*Field of Specialization: Journalism*
- Daniel Anthony DiBiasio, Lakewood  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*
- Sammy Lee Dorff, Westerville  
B.S. (Kent State University)  
*Field of Specialization: Education*
- Roger Sollows Dow, Columbus  
B.A. (Muskingum College)  
*Field of Specialization: Education*
- Earnestine Ashe Dozier, Montgomery, Ala.  
B.S. (Alabama State College)  
*Field of Specialization: Education*
- Thomas Samuel Drake, Columbus  
B.S.Ed. (Otterbein College)  
*Field of Specialization: Education*
- Herman Henry Echols, Jr., Massillon  
B.A.  
*Field of Specialization: Political Science*
- Mae Roberts Edmondson, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Melvin Philip Effron, Bowling Green  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization: Education*
- David Lee Eichelberger, Springfield  
B.S. (Wright State University)  
*Field of Specialization: Education*
- Daniel David Elasky, Massillon  
B.A.  
*Field of Specialization: English*
- Nicholas Corby Elbaum, Manchester, N. H.  
B.S. (New Haven College)  
*Field of Specialization: Sociology*
- Donn Gerald Ellerbrock, Columbus  
B.A.  
*Field of Specialization: History*
- John Richard Ellis, New Philadelphia  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Kathy L. Ellison, Mansfield  
A.B. (Smith College)  
*Field of Specialization: Education*
- Barbara Karen Estrin, Plainfield, N. J.  
B.A. (University of Bridgeport)  
*Field of Specialization: Education*
- Kalevi Runo Falck, Helsinki, Finland  
Diploma Eng. (Technical University)  
*Field of Specialization: Public Administration*
- John Robert Farley, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Education*
- Joseph Anthony Federico, Cleveland  
B.S.Ed. (Cleveland State University)  
*Field of Specialization: Romance Languages*
- Robert Lee Fenwick, Alexandria, Va.  
A.B. (University of California at Berkeley)  
*Field of Specialization: Dance*
- Linda Lorenz Finch, Barberton  
B.A. (Mount Union College)  
*Field of Specialization: Education*
- Patricia Maureen Finnegan, Reynoldsburg  
B.S.Ed. (Muskingum College)  
*Field of Specialization: Education*
- David Gene Fisher, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization: Education*
- Donna May Fisher, West Jefferson  
B.S.Ed.  
*Field of Specialization: Education*
- Patricia Lewis Foell, Galion  
B.S.Ed.  
*Field of Specialization: Education*
- Terrele Mae Fossett, East Cleveland  
B.A. (Virginia Union University)  
*Field of Specialization: Journalism*
- Harold Floyd Foster, Jr. Bellevue  
A.B. (University of Nebraska)  
*Field of Specialization: Journalism*
- George Alfred Fox, Jr., Grove City  
B.S. (United States Naval Academy);  
A.M. (George Washington University)  
*Field of Specialization: Education*
- Kathryn Marie Fox, Columbus  
B.A. (Saint Mary of the Woods College)  
*Field of Specialization: Music*
- Nick Gatz, Worthington  
B.A. (Fenn College)  
*Field of Specialization: Public Administration*
- Pauline Rose Geiser, Dover  
B.A. (Georgetown College)  
*Field of Specialization: Romance Languages*
- Clarence William Giffin, Johnstown  
B.A. (Denison University)  
*Field of Specialization: Physical Education*
- Thomas Albert Giles, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Joann Rae Gilmore, Hubbard  
B.S. in Educ. (Bowling Green State University)  
*Field of Specialization: Education*
- Terry Lynn Gladman, St. Paris  
B.A.  
*Field of Specialization: Business Administration*
- Harriet Ann Albert Glaser, Newark  
B.S.Ed.  
*Field of Specialization: Music*
- Nancy Ellen Glaser, Deal Park, N. J.  
B.A. (Hofstra University)  
*Field of Specialization: History of Art*
- Susan Marie Sylvester Glick, Columbus  
B.A. (University of California at Irvine)  
*Field of Specialization: English*
- Maisie Thomas Glover, Columbus  
B.S. in Ed. (West Virginia State College)  
*Field of Specialization: Education*
- Michael Anthony Godkin, Birmingham, England  
B.Sc. (University of London)  
*Field of Specialization: Geography*
- Elaine M. Goldband, Morristown, N.Y.  
B.S. (Ithaca College)  
*Field of Specialization: Physical Education*
- Gloria Goldman, London, England  
B.A. (University of London)  
*Field of Specialization: Psychology*
- Dennis Norman Gombert, North Tonawanda, N. Y.  
B.S.Ed. (State University College at Buffalo)  
*Field of Specialization: Political Science*

David Clyde Good, Ashtabula  
B.A. (Michigan State University);  
B.D. (Northern Baptist Theological  
Seminary)  
*Field of Specialization:* Education

Helen Longshore Goodwin, Columbus  
B.A. (De Pauw University)  
*Field of Specialization:* Education

Joyce Nelson Gordon, Galion  
B.S. in Educ. (Ashland College)  
*Field of Specialization:* Education

Anne Elizabeth Gowan,  
New Philadelphia  
A.B. (Indiana University)  
*Field of Specialization:* Education

Galen Hayes Graham, Lyndhurst  
B.A. (College of the Holy Cross)  
*Field of Specialization:* Classics

Michael Harris Gray, Knoxville, Tenn.  
B.A. (University of Tennessee at  
Knoxville)  
*Field of Specialization:* Slavic  
Languages

James Lee Green, Sylvania  
B.S.Ed.  
*Field of Specialization:* Education

Virginia Roux Greenwood,  
New Bloomington  
B.S.Ed. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Harry Russell Gregory, Bluffton  
B.S. (Ed.) (Bluffton College)  
*Field of Specialization:* Music

Carol Hall Griner, Circleville  
B.S.Ed. (Capital University)  
*Field of Specialization:* Physical  
Education

Louis George Gross, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Sarah Bass Guckenheimer, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Sam Joseph Guerriero, Bellaire  
A.B. (West Liberty State College)  
*Field of Specialization:* History

Daniel Pierce Guy, Columbus  
B.A., B.S.Ed.  
*Field of Specialization:* Education

Eileen Louise Hagen, Parma  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Psychology

Grete Hagtvedt, Oslo, Norway  
*Field of Specialization:* Psychology

John Edward Hajjar, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Public  
Administration

Ruth Saddler Hale, Wilberforce  
B.S. (Alabama Agricultural and  
Mechanical College)  
*Field of Specialization:* Education

Kathryn Lee Hall, St. Louis, Mo.  
B.S.Ed. (University of Tulsa)  
*Field of Specialization:* Education

Roger Allan Hall, Columbus  
A.B. (Princeton University)  
*Field of Specialization:* Theatre

Bruce Merritt Handley,  
Irvington, N. Y.  
B.S. (Ohio Northern University)  
*Field of Specialization:* Physical  
Education

Cynthia Gibson Hardy, Lisbon  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Education

Raymond Earl Harlan, Louisville  
B.A. (University of Dayton); M.A.  
(Marquette University)  
*Field of Specialization:* Philosophy

Deborah Cavendish Harman,  
Columbus  
B.A.  
*Field of Specialization:* English

Trudier Harris, Tuscaloosa, Ala.  
A.B. (Stillman College)  
*Field of Specialization:* English

Anne Fitzgerald Hartung, Columbus  
A.B. (Immaculate College)  
*Field of Specialization:* Education

Anne Prentice Hawk, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Linda Kern Hayon, Columbus  
B.S.Ed. (University of Texas)  
*Field of Specialization:* Education

Ann Irene Heineman, Columbus  
B.S. in Art Edu. (Edinboro State  
College)  
*Field of Specialization:* Art

Kathleen Grogan Henry, Urbana  
B.S.Ed.  
*Field of Specialization:* Education

Bonnie Lou Herron, Salem  
B.Sc. (Kent State University)  
*Field of Specialization:* Education

Jon Jeffrey Heuss, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Mary Shoberg Heuss, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Wavelyn Dougherty Hine,  
Pittsfield, Mass.  
B.M. (University of Cincinnati)  
*Field of Specialization:* Music

Linda Lee Hoaja, Columbus  
B.A. (Muskingum College)  
*Field of Specialization:* Education

John Wallace Hoeffler, Mansfield  
B.S.Ed.  
*Field of Specialization:* English

Roberta Jean Holloway, Logan  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Ernest Jacob Hopkins, Cleveland  
B.S.Ed.  
*Field of Specialization:* Education

Thomas Franklin Horne, Butler, Pa.  
B.S. (Slippery Rock State College)  
*Field of Specialization:* Physical  
Education

Gail Virginia Horvath, Dayton  
B.A. (Our Lady of Cincinnati College)  
*Field of Specialization:* Education

Ruth Klingensmith Hough, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Tonya Rae Houser, Wooster  
B.S. in Ed. (Ashland College)  
*Field of Specialization:* Education

JoAnn Hlivka Hoverman,  
Reynoldsburg  
B.A. (Trenton State College)  
*Field of Specialization:* Education

Edwina Jane Howe, Ashland  
B.Mus. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Jean Wyeth Hume, London  
B.S.Ed.  
*Field of Specialization:* Education

Louis LaMond Hunt, Tiffin  
B.S.Ed.  
*Field of Specialization:* Education

James William Hunter, Shelby  
A.B. (Princeton University)  
*Field of Specialization:* Education

Richard George Ihendorf, Dayton  
B.A. (University of Dayton)  
*Field of Specialization:* Classics

John Milton Isidor, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization:* Education

Pamela Fischer Jagunic, Westerville  
B.S.Ed. (Kent State University)  
*Field of Specialization:* Education

- Eva Lapezynski Janecek, Dublin  
B.A.  
*Field of Specialization*: Slavic Languages
- Harvey C. Jassem, Jamaica, N. Y.  
B.A. (Queens College)  
*Field of Specialization*: Speech Communication
- James Jefferson Jeffries, Columbus  
B.A. (Wright State University)  
*Field of Specialization*: Political Science
- Alfred Thomas Johnson, North Lewisburg  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization*: Education
- James Bruce Johnson, Port Clinton  
B.S.Ed.  
*Field of Specialization*: Education
- Marcia Elizabeth Johnson, Fairview Park  
B.A. (Notre Dame College)  
*Field of Specialization*: History
- Victoria Gatwood Johnson, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Theodore Jolosky, St. Louis Park, Minn.  
B.A. (Carleton College)  
*Field of Specialization*: Education
- Carolyn Edith Jones, Columbus  
B.A. (Northwestern University)  
*Field of Specialization*: Art Education
- Mary Jane Judge, Decatur, Ga.  
A.B. (University of Georgia)  
*Field of Specialization*: Political Science
- Cheryl Ball Jurrus, Columbus  
B.A. (Valparaiso University)  
*Field of Specialization*: Art Education
- Mary Orehovec Kearns, Brecksville  
B.S. (Ohio University)  
*Field of Specialization*: English
- Robin Birdsall Kelly, Columbus  
A.B. (George Washington University)  
*Field of Specialization*: Romance Languages
- Marilyn Jean Kesler, Columbus  
B.A. (David Lipscomb College)  
*Field of Specialization*: Education
- Gerald Alan Kesselman, New York, N. Y.  
A.B. (Case Western Reserve University)  
*Field of Specialization*: Psychology
- David Mitchell Kieffer, Columbus  
B.A.  
*Field of Specialization*: Journalism
- Edith Ann Kimball, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Craig C. King, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Jessie Watson King, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Charman Ann Kinzelman, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Connie Mesnard Kirkland, Whitehouse  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization*: Education
- Betty Lou Kitts, Kitts Hill  
A.B. (Ohio University)  
*Field of Specialization*: Education
- Linda Rhoads Klein, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Joyann Kohn, Warren  
B.S.Ed.  
*Field of Specialization*: Education
- Joanne Andrea Konefal, Clifton, N. J.  
B.A. (Paterson State College)  
*Field of Specialization*: Speech Communication
- Mary Jane Chittenden Kopp, Columbus  
B.A., B.S.Ed.  
*Field of Specialization*: Education
- Mary Margaretha Korfhage, Fern Creek, Ky.  
B.S.H.Ec. (University of Kentucky)  
*Field of Specialization*: Education
- Joseph James Kotva, Bedford  
A.B. (Western Reserve University)  
*Field of Specialization*: Agricultural Education
- Marcia Elizabeth Kozub, Cleveland  
B.A. (Mount Union College)  
*Field of Specialization*: Education
- George Milton Kreps, Columbus  
B.S. (Manchester College); B.D. (Bethany Biblical Seminary)  
*Field of Specialization*: Anthropology
- Judith Kay Krier, Columbus  
A.B. (Indiana University)  
*Field of Specialization*: Speech Communication
- Lon Stinson Kriner, Columbus  
B.S. (Bowling Green State University)  
*Field of Specialization*: Education
- Bruce Julius Krueger, El Cajon, Calif.  
B.S.Ed. (University of Wisconsin)  
*Field of Specialization*: Education
- Arthur James Krumsee, Chicago, Ill.  
B.A. (Northwestern University)  
*Field of Specialization*: German
- Michael Martin Kumpf, Maquoketa, Ia.  
B.A. (Luther College)  
*Field of Specialization*: Classics
- Patricia Beeman Kurrent, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Rose Marie Conde LaCasse, Des Moines, Ia.  
B.S. (Marillac College)  
*Field of Specialization*: Education
- Penelope Battin Lake, Canfield  
B.S.Ed. (Concord College)  
*Field of Specialization*: Education
- Patricia Strup Lally, Columbus  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization*: Education
- James Edward Lamb, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Glennis Elbert Lambert, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Werner Jurgen Lange, Youngstown  
B.A.  
*Field of Specialization*: Anthropology
- Diane Douth Langner, Columbus  
A.B. (Grove City College)  
*Field of Specialization*: Education
- Nancy Ann Lantz, Warren  
B.S. (Mercyhurst College); M.S.  
*Field of Specialization*: Education
- Kyle Lynn Latshaw, Chester Springs, Pa.  
B.Mus. (Butler University)  
*Field of Specialization*: Music
- Linda Jean Laughrey, Kenton  
B.S. (Defiance College)  
*Field of Specialization*: Physical Education
- John Thomas Laut, Columbus  
B.Edu. (University of Toledo)  
*Field of Specialization*: Education

David Alvin Lawrence, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

William Joseph Layer, Brooklyn, N.Y.  
A.B. (Findlay College)  
*Field of Specialization:* History

Dennis F. Laynor, Millersville, Pa.  
B.A. (West Chester State College)  
*Field of Specialization:* Education

Andrea Muri Leach, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

MaryLou Leary, Worcester, Mass.  
B.A. (Syracuse University)  
*Field of Specialization:* Education

James Edward Lehman, Marion  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Lance T. LeLoup, Latham, N. Y.  
A.B. (Georgetown University)  
*Field of Specialization:* Political  
Science

Sharyn Sue Lewis, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Myrian Lee Mugge Lincoln,  
Marshalltown, Ia.  
B.A. (State College of Iowa)  
*Field of Specialization:* Education

Robert William Littlehales, III,  
Richfield, Minn.  
A.B. (West Liberty State College)  
*Field of Specialization:* History

Betty Garrun Livingstone, Columbus  
B.A. (University of the  
Witwatersrand South Africa)  
*Field of Specialization:* Education

Laura Hicks Locke, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Michael Errol Locke,  
Canal Winchester  
B.S. (Bluffton College)  
*Field of Specialization:* Physical  
Education

Manuel London, Canton  
A.B. (Case Western Reserve  
University)  
*Field of Specialization:* Psychology

Irene Cronin Lonergan, Columbus  
B.A. (Texas Womans University)  
*Field of Specialization:* Education

Robert Joseph Lonergan, Columbus  
B.S. (Plymouth State College)  
*Field of Specialization:* Education

Mark Thomas Long, Canton  
B.Mus. (DePauw University)  
*Field of Specialization:* Music

Rita Tardiff Long, Chillicothe  
B.A.  
*Field of Specialization:* Romance  
Languages

Christopher Dunbar Lorish, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Hazel Haun Loucks, Westerville  
B.S. (Southern Illinois University)  
*Field of Specialization:* Education

Michael Andrew Lower, Columbus  
B.S.Ed. (University of Texas)  
*Field of Specialization:* Education

Oscar Richard Lundy, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Patricia Armitage MacCleary,  
Worthington  
B.A. (University of Pittsburgh)  
*Field of Specialization:* Education

Robert Francis Mahek, Shelby  
B.S.Ed.  
*Field of Specialization:* Education

Carol Freshwater Manchester,  
East Liberty  
B.S.Ed.  
*Field of Specialization:* Education

Crosby Miller Manchester, III,  
East Liberty  
B.S.Ed.  
*Field of Specialization:* Music

Margery Sue Manesberg,  
St. Louis, Mo.  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Education

Harvey Howard Marmurek,  
Downsview, Ont., Canada  
B.A. (University of Toronto)  
*Field of Specialization:* Psychology

Marilyn Ruth Marr, Memphis, Tenn.  
B.A. (Memphis State University)  
*Field of Specialization:* Journalism

Robert Wade Marsh, Grove City  
B.S. in Ed. (Capital University)  
*Field of Specialization:* Physical  
Education

Kathleen Callanan Martin,  
Silver Spring, Md.  
B.A. (Dickinson College)  
*Field of Specialization:* Sociology

Sister Ann Kateri Martinez,  
New Orleans, La.  
B.A. (Our Lady of Holy Cross  
College)  
*Field of Specialization:* Education

John Aloysius McCormack,  
Yonkers, N. Y.  
B.A. (Iona College)  
*Field of Specialization:* Education

James Patrick McCormick,  
Grove City  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Claire Elaine McCoy, Jackson  
B.A. (Otterbein College)  
*Field of Specialization:* English

Mary O'Neill McElroy, Columbus  
B.S. (Mississippi State College for  
Women)  
*Field of Specialization:* Education

Vaughneda Betz McGinnis, Columbus  
B.S. (Rio Grande College)  
*Field of Specialization:* Education

Stephen Robert McKiernan,  
Lisle, N. Y.  
B.A. (Harpur College)  
*Field of Specialization:* Education

Sandra Kay McLaughlin,  
New Augusta, Miss.  
B.S. (Jackson State College)  
*Field of Specialization:* Education

Delores Evelyn McNeil, Corona, N. Y.  
B.S.Ed. (Central State University)  
*Field of Specialization:* History

Richard F. Mehl, Neffs  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Dean W. Meier, Osage, Ia.  
B.A. (State College of Iowa)  
*Field of Specialization:* Education

Kathleen Robinson Metcalf, Utica  
B.S.Ed.  
*Field of Specialization:* Education

Delores Bell Mick, Columbus  
B.A. (Iowa State Teachers College);  
B.A. (Drake University)  
*Field of Specialization:* Education

Patricia White Mick, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Emily Matuszek Mieczkowski, Newark  
B.S. (College of Steubenville)  
*Field of Specialization:* Education

Susan Anne Miesmer, Closter, N. J.  
B.A. (Ithaca College)  
*Field of Specialization:* Romance  
Languages

Elizabeth Brandt Miller, Columbus  
A.B. (Wheeling College)  
*Field of Specialization:* Education

Linda Goodrich Miller, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Michael Kent Miller, Columbus  
B.S. in Ed. (Ball State Teachers  
College)  
*Field of Specialization:* Education

Dorothy Penska Mills, Columbus  
A.B. (Ohio University)  
*Field of Specialization:* Education

Joseph Michel Montes,  
National City, Calif.  
A.B. (University of Redlands)  
*Field of Specialization:* Education

Debora Gross Moon, Worthington  
A.B. (Western Reserve University)  
*Field of Specialization:* Education

Redelle Levine Moore,  
Warrensville Heights  
B.S. (Claffin College)  
*Field of Specialization:* Education

Vincent Joseph Moraghan,  
Worthington  
A.B. (Borromeo Seminary of Ohio)  
*Field of Specialization:* Education

Suzanne Ball Morgan, Columbus  
B.A.  
*Field of Specialization:* Romance  
Languages

John Irvine Morrison, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Sharyn May Morse, Columbus  
B.S. in Educ. (Miami University)  
*Field of Specialization:* Education

Murphy D. Moultry, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization:* Education

Connie Plapp Mueller, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

John Loren Muhlbach, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Robert Jan Mulcahy, Youngstown  
B.A.  
*Field of Specialization:* English

Sister Anne Theresa Murray,  
Columbus  
B.S. in Educ. (College of Saint Mary  
of the Springs)  
*Field of Specialization:* Education

Susan Jane Meeth Musheno,  
Parma Heights  
B.S.Ed.  
*Field of Specialization:* Education

Michael Kerry Neal, Dayton  
B.S. (Central State College)  
*Field of Specialization:* Education

Angela Stroh Neasse, Marysville  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

John Edward Nichelson, Lima  
B.S.  
*Field of Specialization:* Education

Ethel Patricia Nichols,  
Wellsburg, W. Va.  
A.B. (West Liberty State College)  
*Field of Specialization:* Speech  
Communication

Barbara Ann Oney, Carrollton  
B.A. (Transylvania College)  
*Field of Specialization:* Speech  
Communication

Shirley Berry Oravec, Reynoldsburg  
B.A. (Capital University)  
*Field of Specialization:* Art

James Herbert Orsborn, Mt. Gilead  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Myron Wallace Osborn, III, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

William C. Pees, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Physical  
Education

Joyce Deifenbaugh Pemberton,  
Columbus  
B.S. (Manchester College)  
*Field of Specialization:* Education

Patricia Lee Pennington,  
Richmond, Surrey, England  
B.A. (Newcomb College of Tulane  
University)  
*Field of Specialization:* Romance  
Languages

Noreen Galazia Perkins, Columbus  
B.S.Ed. (Youngstown State  
University)  
*Field of Specialization:* Education

Robert Lee Peters, Groveport  
B.S.Ed.  
*Field of Specialization:* Education

Kathleen Ann Pichola, Elyria  
B.A. (Denison University)  
*Field of Specialization:* Education

Anthony John Piehowicz, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Sandra Kay Pierson, Lima  
B.S.Ed.  
*Field of Specialization:* Education

Rosario Poirier,  
Charlesbourg, Que., Canada  
Licence (University of Montreal);  
Licence (University of Laval)  
*Field of Specialization:* Education

Georgene Sue Jaeger Poplar,  
Amherst  
B.Sci. (Kent State University)  
*Field of Specialization:* Education

James Gilbert Price,  
Cleveland Heights  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Virginia K. Price, Westerville  
B.S.Ed.  
*Field of Specialization:* Education

Patricia Ann Purdy, Springfield  
B.S.Ed.  
*Field of Specialization:* Education

Tinina Susan Quick, Washington, D.C.  
B.A. (University of Cincinnati)  
*Field of Specialization:* Education

Carol Hirsch Radnor, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

George Henry Ramsey, Jr.,  
Anderson, Ind.  
B.A. (Anderson College)  
*Field of Specialization:* Political  
Science

Sister Mary Louise Rathert,  
Omaha, Neb.  
B.A. (Rosary College)  
*Field of Specialization:* Education

Thomas Joseph Rawe,  
Alfred Station, N. Y.  
B.S. (Clarkson College of Technology)  
*Field of Specialization:* Dance

Warren Thomas Rayder, Columbus  
B.A. (Valparaiso University)  
*Field of Specialization:* Education

Janet Nottbusch Ream, Columbus  
A.B. (Earlham College)  
*Field of Specialization:* Education

Sandra Ellen Reed, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Barbara Sue Reisenbickler,  
Webster Groves, Mo.  
A.B. (University of Missouri)  
*Field of Specialization:* Psychology

Lawrence Lewis Riccio, Margate, N. J.  
B.S.  
*Field of Specialization:* Education

Linda Lee Roberts, Genoa  
B.S.Ed.  
*Field of Specialization:* Dance

Rita Catherine Rodgers, Ada  
A.B. (Ohio University)  
*Field of Specialization:* English

Robert Randall Rodich, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization:* Physical  
Education

Naomi Waller Rose, Cleveland  
B.S. (Bluefield State College)  
*Field of Specialization:* Education

Ted Edward Rose, Columbus  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization:* Physical  
Education

Roberta Silverstein Rosenberg,  
Columbus  
B.Ed. (University of Miami)  
*Field of Specialization:* Education

Joanne Roth, Marion  
B.S.Ed.  
*Field of Specialization:* Education

Linda Hammond Rothman, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Kathleen Elizabeth Rowe, Attica  
B.A. (Capital University)  
*Field of Specialization:* Education

Richard Lee Rubenfeld,  
Franklin Square, N. Y.  
B.A. (Hofstra University)  
*Field of Specialization:* History of  
Art

Catherine Estelle Rudder, Atlanta, Ga.  
A.B. (Emory University)  
*Field of Specialization:* Political  
Science

Billy Charles Russell, Dayton  
B.S. (Central State College)  
*Field of Specialization:* Public  
Administration

Leona Linda Samuels, Medford, N. Y.  
B.S. (Central State College)  
*Field of Specialization:* History

Bonnie Allison Sandman, Columbus  
B.A.  
*Field of Specialization:* Speech  
Communication

Noreen Cheryl Scanlan, Hometown, Ill.  
B.A. (Saint Xavier College)  
*Field of Specialization:* Education

Karen Ensign Schafer, Springfield  
B.S.H.S. (Ohio University)  
*Field of Specialization:* Speech  
Communication

Tricia Kay Schaum, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Michael Joseph Schmidt, Detroit, Mich.  
B.A. (Wayne State University)  
*Field of Specialization:* Psychology

Gary Lee Schneider, Lancaster  
B.S. (Austin Peay State College)  
*Field of Specialization:* Education

Susan Elizabeth Schneider, Avon  
A.B. (College of Mount Saint  
Joseph on the Ohio)  
*Field of Specialization:* English

Edward John Schober, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization:* Education

Steven Herschel Schreiber, Columbus  
B.A.  
*Field of Specialization:* Education

Paul Edward Schroeder, Cleveland  
B.S.  
*Field of Specialization:* Journalism

Sandra Pound Schultz, Newark  
B.S.Ed.  
*Field of Specialization:* Education

Faye Burkhart Schwartz, Westerville  
B.S.Ed.  
*Field of Specialization:* Education

Beverly Planinsek Schwemlein,  
Aspinall, Pa.  
B.A. (Carlow College)  
*Field of Specialization:* English

Douglas Alfred Scorrar,  
Ottawa, Ont., Canada  
B.S.Bus.Adm.  
*Field of Specialization:* Geography

Icylene Brunner Scott, Columbus  
B.A.  
*Field of Specialization:* Education

Richard Lewis Scott, Lewisville  
B.S.Ed.  
*Field of Specialization:* Education

William John Sedor, Shadyside  
B.S.Ed.  
*Field of Specialization:* Education

Sharon Corcoran Seggerson, Columbus  
B.S.Ed. (University of Dayton)  
*Field of Specialization:* Education

Roger Russell Seip, Blandon, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Journalism

Donna Marie Senko,  
New Brunswick, N.J.  
A.B. (Rutgers, The State University)  
*Field of Specialization:* German

Carl Francis Sever, Columbus  
B.A.  
*Field of Specialization:* Education

James Edwin Seward,  
Cheektowago, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Speech  
Communication

Margaret Ellen Flahive Shade,  
Delaware  
B.S.Ed. (Miami University)  
*Field of Specialization:* Physical  
Education

William James Shannon,  
Wheeling, W. Va.  
B.S.Ed. (West Virginia University)  
*Field of Specialization:* Education

Hubert Seely Shaw, Jr., Columbus  
A.B. (Bowdoin College)  
*Field of Specialization:* Education

David Winter Shelby, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Jack Edward Sherman,  
Los Angeles, Calif.  
B.A. (California State College at  
Los Angeles)  
*Field of Specialization:* Psychology

Mary Ann Shump, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Steven Layton Sidlo, Columbus  
B.A. Jour.  
*Field of Specialization:* Journalism

Jane Vollrath Sieberth, Marysville  
B.S.Ed.  
*Field of Specialization:* Education

Diane Mary Skaar, Wausau, Wis.  
B.A. (Rosary College)  
*Field of Specialization:* Education

Curtis Johnston Smith,  
Thousand Oaks, Calif.  
B.A. (California Lutheran College)  
*Field of Specialization:* English

Edward Jerome Smith, Warren  
B.S.Ed.

*Field of Specialization: Education*

Linda Roberts Smith,  
Northgarden, Va.  
B.M.E. (Madison College)

*Field of Specialization: Music*

William Duane Smith, Lawrence, Kan.  
B.S. (Fort Hays Kansas State  
College)

*Field of Specialization: Education*

Deena Evans Snapp, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Ronald Joseph Sniderman,  
Ypsilanti, Mich.

B.A. (Oakland University)

*Field of Specialization: Education*

Helen Cooke Snyder, Waverly  
B.S. (Berea College)

*Field of Specialization: Education*

Timothy Preston Spengler,  
South Charleston, W. Va.

B.A. (Muskingum College)

*Field of Specialization: Slavic  
Languages*

Rita Nicholson Spooner, Columbus  
B.S. (Wilson Teachers College)

*Field of Specialization: Education*

Nancy Ann Sprout, Lititz, Pa.  
B.S.Ed. (Millersville State College)

*Field of Specialization: Education*

John Michael Stanley, Columbus  
B.A. (Miami University)

*Field of Specialization: Education*

Nancy Allyson Stanley,  
East Liverpool

B.A. (Muskingum College)

*Field of Specialization: English*

Shirley Staples, Lineville, Ala.  
B.S. (Tuskegee Institute)

*Field of Specialization: Journalism*

Otto Charles Stegmaier, Cleveland  
A.B. (John Carroll University)

*Field of Specialization: Education*

Raymond Alan Steinmetz,  
North Ridgeville

B.S.Ed.

*Field of Specialization: Education*

Richard Ulen Stephens, Hillsboro  
B.A., B.S.Ed.

*Field of Specialization: Education*

Sister Doris Ann Steppe,  
Plaquemine, La.

B.A. (Our Lady of Holy Cross  
College)

*Field of Specialization: Education*

James Frank Stewart,  
Matheny, W. Va.

B.S. (West Virginia Institute of  
Technology)

*Field of Specialization: Education*

Dale Paul Stitz, North Canton

B.A. (Malone College)

*Field of Specialization: Education*

Satoshi Sugita, Saitama-Ken, Japan  
B.Econ. (Aoyama Gakuin University)

*Field of Specialization: Journalism*

Charles Thomas Sullivan, Columbus  
B.A.

*Field of Specialization: Education*

Barbara Lee Summers,  
Leavenworth, Kan.

B.S. in Educ. (Kansas State Teachers  
College)

*Field of Specialization: Education*

Lisa Factor Taft, Sandusky  
B.A. (Bowling Green State  
University)

*Field of Specialization: History of  
Art*

Herbena Erbaugh Terhune,  
Mt. Sterling

B.S. in Ed. (Bowling Green State  
University)

*Field of Specialization: Music*

Grant Ian Thrall, San Gabriel, Calif.  
B.A. (California State College at  
Los Angeles)

*Field of Specialization: Economics*

Michael Richard Todd, Marion  
B.A. (Muskingum College)

*Field of Specialization: Education*

Annie Houser Tolle, Port Clinton  
B.A. (Purdue University)

*Field of Specialization: Physical  
Education*

Suzanne Sites Trace,  
Washington, D. C.

B.A. (George Washington University)

*Field of Specialization: Journalism*

Denise Mary Trauth, Cincinnati  
A.B. (College of Mount Saint Joseph  
on the Ohio)

*Field of Specialization: Journalism*

Walter William Trimble, Columbus  
B.A.

*Field of Specialization: Journalism*

Joan Gilbert Uhl, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Florence Frances Unetich, Cleveland  
B.A., B.S.Ed.

*Field of Specialization: Education*

Elizabeth Dietrich Vajen, Columbus  
B.S.Nurs.

*Field of Specialization: Physical  
Education (Health Education)*

Gary Lee John Van Arsdale, Columbus  
B.S.Ed. (Ashland College)

*Field of Specialization: Education*

Rosemary Duffy Van Eman, Columbus  
B.S.Bus.Adm.

*Field of Specialization: Education*

Larry Edward Vaughan, Columbus  
B.A.

*Field of Specialization: Political  
Science*

Clara Smith Vaughn, Lancaster  
A.B. (Ohio University)

*Field of Specialization: Psychology*

Dennis Francis Verhoff, Leipsic  
B.S. (University of Dayton); A.M.  
(University of Pennsylvania)

*Field of Specialization: Political  
Science*

John William Vernon, Jr.,  
Caretta, W. Va.

B.S. (Bluefield State College)

*Field of Specialization: Education*

Patricia Conley Vogt, Columbus  
B.S.Ed. (State University of New  
York at Buffalo)

*Field of Specialization: Education*

George Joseph Vranekovic, Euclid  
A.B. (University of Miami)

*Field of Specialization: Psychology*

Gregory Stephen Waddell, Columbus  
B.A.

*Field of Specialization: Education*

Harry Neff Waldron, III,  
Natchitoches, La.

B.A. (Northwestern State College of  
Louisiana)

*Field of Specialization: History*

Colleen Hooten Walls, Westerville  
B.S.E. (University of Arkansas)

*Field of Specialization: Education*

Elizabeth Ann Walpole, Dimock, Pa.  
B.A. (American University)

*Field of Specialization: Journalism*

William Joseph Weaver, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Don Robert Weimer, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Kenneth Charles Weiss, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Cheryl Kolleda Wendell, Marion  
B.S. (Ashland College)  
*Field of Specialization:* Education

Ann Elizabeth West, Spencer  
A.B. (Heidelberg College)  
*Field of Specialization:* Education

Michael Allen West,  
Colorado Springs, Colo.  
B.A. (San Jose State College)  
*Field of Specialization:* History

Martha Kay Wheeler, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Carolyn Lee Beach White, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Gary Robert Wiepking, Columbus  
B.S.Bus.Adm. (Ashland College)  
*Field of Specialization:* Education

Kenneth Parmelee Wilcox, Flint, Mich.  
B.A. (Oakland University)  
*Field of Specialization:* German

Anna Claffey Williams, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Charles Henry Williams, Cleveland  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education

Mary Ann Sheridan Williams, Dayton  
B.A. (Wilmington College)  
*Field of Specialization:* Theatre

Janet McFarland Wise, Columbus  
B.A. (Mount Union College)  
*Field of Specialization:* Education

Virginia Sindel Witte, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Lelan Keith Woodmansee, Columbus  
B.A.  
*Field of Specialization:* Journalism

Roger Blair Woodrome,  
Rosiclare, Ill.  
B.A. (Southern Illinois University)  
*Field of Specialization:* Education

George Wendell Wooster,  
Eatonville, Wash.  
B.S. in Physics (Washington State  
University)  
*Field of Specialization:* Education

Patricia Ann Worthy, Canton  
B.Art.Ed.  
*Field of Specialization:* Education

Paul Joseph Wright, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

William Francis Wyar, Berea  
B.A. (University of Notre Dame)  
*Field of Specialization:* Psychology

Sharon Schmelling Wylie, Columbus  
B.A. (University of North Dakota);  
B.S.Ed.  
*Field of Specialization:* Education

Warren Phillip Yarnell,  
Silver Spring, Md.  
B.A. (George Washington University)  
*Field of Specialization:* Political  
Science

John Mark Yatko, Columbus  
B.A. (Kings College)  
*Field of Specialization:* Education

Jeffrey Lee Yearing, Ridgewood, N. J.  
B.S. (Springfield College)  
*Field of Specialization:* Physical  
Education

Wanda Phillips Yoder, Columbus  
B.A. (Anderson College)  
*Field of Specialization:* Education

Joyce Ann Young, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Bernard Louis Zacharias, Columbus  
B.S.Ed. (Wisconsin State University)  
*Field of Specialization:* Public  
Administration

#### **Master of Business Administration**

Thirty-one candidates

David Cecil Anderson, Columbus  
B.M.E.  
*Field of Specialization:* Business  
Administration

Leopold Anthony Avallone,  
Lowville, N. Y.  
B.S.E.E. (Rensselaer Polytechnic  
Institute); B.S.Bus.Adm.

Daniel Lee Boone, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Earl Alan Braun, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Michael William Callaghan, Bellevue  
B.B.A. (University of Notre Dame)  
*Field of Specialization:* Business  
Administration

Caleb Douglas Carter, Columbus  
B.S. (University of Maryland)  
*Field of Specialization:* Business  
Administration

Donald Eugene Clark, Beloit  
B.S.Bus.Adm., B.S.Ed.  
*Field of Specialization:* Business  
Administration

Kenneth Louis Coleman,  
Centralia, Ill.  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Gary David Drake, Columbus  
B.S. (Ohio University)  
*Field of Specialization:* Business  
Administration

Ronald Leroy Ernst,  
Naperville, Ill.  
B.S. (Indiana University)  
*Field of Specialization:* Business  
Administration

Milton Dolan Fritschle, Jr., Lakewood  
B.S. (Baldwin-Wallace College)  
*Field of Specialization:* Business  
Administration

Robert Eugene Fry, Jr., Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

William Fred Gahr, Jr., Dayton  
B.S. in Com. (University of Kentucky)  
*Field of Specialization:* Business  
Administration

Rolla Philip Giles, Woodward, Okla.  
B.A. (Oklahoma City University)  
*Field of Specialization:* Business  
Administration

Daniel Allan Gorrell, Granville  
B.A. (Miami University)  
*Field of Specialization:* Business  
Administration

David Lee Harris, Lima  
B.A. (Otterbein College)  
*Field of Specialization:* Business  
Administration

Adrian Hekking, Columbus  
B.A. (University of Maryland)  
*Field of Specialization:* Business  
Administration

David Lawrence Heron,  
Hopedale, Mass.  
B.A. (University of Massachusetts)  
*Field of Specialization*: Business  
Administration

Thomas Paul Hyle, Lancaster  
B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

Charles Scott Joublane, Columbus  
B.Ch.E., M.S.  
*Field of Specialization*: Business  
Administration

Mark Harry Karns, Monclova  
B.A.  
*Field of Specialization*: Business  
Administration

John Mason Leith, Columbus  
B.A.  
*Field of Specialization*: Business  
Administration

Harold William Lownie, Jr., Columbus  
B.S. in Ch.E. (Purdue University);  
M.S. (University of Pittsburgh)  
*Field of Specialization*: Business  
Administration

John Eugene Miller, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Business  
Administration

Kenneth Ernest Miller,  
Willoughby, Australia  
B.Com. (University of New South  
Wales)  
*Field of Specialization*: Business  
Administration

Denison Neale, Jr., Columbus  
B.A. (Hanover College)  
*Field of Specialization*: Business  
Administration

Desmond Hubert O'Halloran,  
Cork, Ireland  
B.Com., M.Econ. (University College,  
Dublin)  
*Field of Specialization*: Business  
Administration

Kent Kagay Rinker, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Business  
Administration

Steven Romann Smith, Cincinnati  
B.S. (Miami University)  
*Field of Specialization*: Business  
Administration

Francis Thomas Stofa, Columbus  
B.A.  
*Field of Specialization*: Business  
Administration

Robert Wayland Uhl, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Business  
Administration

#### **Master of City Planning**

Nine candidates

Wiley Hill Clodfelder, Columbus  
B.F.A.  
*Field of Specialization*: City and  
Regional Planning

Peter George Dorpalen, Columbus  
A.B. (Earlham College)  
*Field of Specialization*: City and  
Regional Planning

Robert Russell Hahn,  
San Francisco, Calif.  
A.B. (University of California at  
Berkeley)  
*Field of Specialization*: City and  
Regional Planning

Wayne Joseph Hoffman, Columbus  
B.A.  
*Field of Specialization*: City and  
Regional Planning

Frank Ronald Leone, Youngstown  
B.A.  
*Field of Specialization*: City and  
Regional Planning

John Allan Marshall,  
Hamilton, Ont., Canada  
B.A. (McMaster University)  
*Field of Specialization*: City and  
Regional Planning

Barbara Beth McClure,  
Pendleton, S. C.  
B.A. (University of North Carolina)  
*Field of Specialization*: City and  
Regional Planning

Ronald Harris Miller, St. Louis, Mo.  
A.B. (Indiana University)  
*Field of Specialization*: City and  
Regional Planning

William Lee Toner, Cincinnati  
B. of Arch in F.P.A. (Kent State  
University)  
*Field of Specialization*: City and  
Regional Planning

#### **Master of Fine Arts**

Twelve candidates

Mary Weber Bennett, Hartford, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization*: Fine Arts  
(Graphics)

Richard Allan Bredberg,  
Clearwater, Fla.  
B.F.A. (University of Florida)  
*Field of Specialization*: Fine Arts  
(Sculpture)

Relious Charles Byers, Dunbar, W. Va.  
B.S. in Ed. (West Virginia State  
College)  
*Field of Specialization*: Fine Arts  
(Graphics)

James Vincent Carpino, Martins Ferry  
B.A. (College of Steubenville)  
*Field of Specialization*: Fine Arts  
(Graphics)

Leeann Gatchell, Findlay  
B.A.  
*Field of Specialization*: Theatre

Boris Gruenwald, Columbus  
Certificate (State Art Academy,  
West Germany)  
*Field of Specialization*: Fine Arts  
(Sculpture)

Jo Ann Parkinson Holtrey, Edison  
B.F.A.  
*Field of Specialization*: Fine Arts  
(Graphics)

Christina Maria Siegle, Tiffin  
B.A. (Bowling Green State  
University)  
*Field of Specialization*: Theatre

Susan Geraldine Snider,  
Lafayette, Ind.  
A.B. (Indiana University)  
*Field of Specialization*: Fine Arts  
(Ceramics)

George Jacob Utz, Reynoldsburg  
B.F.A. (University of Illinois)  
*Field of Specialization*: Fine Arts  
(Ceramics)

William James Williams, Columbus  
B.F.A.  
*Field of Specialization*: Fine Arts  
(Sculpture)

Edward Alexander Youngman, Toledo  
B.A. (Denison University)  
*Field of Specialization*: Fine Arts  
(Ceramics)

#### **Master of Music**

Two candidates

Harold Allen Davis, Highland  
B.S.Ed.  
*Field of Specialization*: Music

Carole Virginia Knapp, Columbus  
B.Mus., B.S.Ed.  
*Field of Specialization*: Music

## Master of Science

One hundred and eighty-nine candidates

Girmai Abraham,  
Addis Ababa, Ethiopia  
B.S.Agr. (Haile Sellassie University)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Judy Arlene Angle, Bellefontaine  
B.S. in Phys. Ther.  
*Field of Specialization:* Allied  
Medicine

Michael Joseph Antochow,  
Maple Heights  
B.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Julie Elaine Arnold, Amelia, Va.  
B.S. (Madison College)  
*Field of Specialization:* Home  
Economics

Dean Tze-yue Au, Taipei, Taiwan  
B.S.E. (Taiwan Cheng Kung  
University)  
*Field of Specialization:* Electrical  
Engineering

Gary Allen Bambauer, Sunbury  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

John William Bastian, Tiffin  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Parthapratim Basu,  
West Bengal, India  
B.V.Sc. and A.H. (University of  
Calcutta)  
*Field of Specialization:* Pharmacy

Jerome Frederic Beekman, Columbus  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

Ronnie Lee Bennett, Dayton  
B.S.E.E. (Howard University)  
*Field of Specialization:* Electrical  
Engineering

Jerry Willard Berg, Dalton  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Jean Gruff Berkwitz, New York, N. Y.  
B.S.H.E.  
*Field of Specialization:* Home  
Economics

Ramesh Kumar Bhargava,  
Dholpur, India  
B.Sc., M.Sc. (Agra University)  
*Field of Specialization:* Dairy Science

Veena Bhatia, New Delhi, India  
B.Tech. (Indian Institute of  
Technology); M.C.P.  
*Field of Specialization:* Civil  
Engineering

Nguyen Ngoc Bich,  
Gia Dinh, South Vietnam  
B.Met.E.  
*Field of Specialization:* Metallurgical  
Engineering

Raymond Ronald Bosecker,  
Mt. Carmel, Ill.  
B.S. (Southern Illinois University);  
M.S.  
*Field of Specialization:* Statistics

Robert Carl Bradbury,  
Altamonte Spring, Fla.  
B.S. (College of the Holy Cross);  
M.S.A. (George Washington  
University)  
*Field of Specialization:* Preventive  
Medicine

Dorothy Ann Brooks, Columbus  
B.S. in Ed. (University of Kansas)  
*Field of Specialization:* Home  
Economics

Thomas Roland Brooks, Rocky River  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Computer and  
Information Science

Margaret Ellen Cain, Middletown  
B.S. (University of Dayton)  
*Field of Specialization:* Home  
Economics

George David Carpenter, Lima  
B.S.A.A.E.  
*Field of Specialization:* Mechanical  
Engineering

Jeanette Kay Chambers, Columbus  
B.S. (University of Wisconsin)  
*Field of Specialization:* Nursing

Hoan Moses Chung, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization:* Chemistry

Bruce Alan Claugus, Barnesville  
B.C.E.  
*Field of Specialization:* Engineering  
Mechanics

Clarkson Lee Coffin, Columbus  
B.S.A.E. (Purdue University)  
*Field of Specialization:* Mechanical  
Engineering

Linda Susan Cohen, Chicago, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Pharmacy

Anthony Jay Collier, Columbus  
B.S.C.E.  
*Field of Specialization:* Civil  
Engineering

Dale Eugene Cooley, Dayton  
B.S. in A.E. (University of Wichita)  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Harold Raymond Cooper, Columbus  
B.S.  
*Field of Specialization:* Microbiology

Dean Francis Cornwell, Columbus  
B.S.E.P.  
*Field of Specialization:* Electrical  
Engineering

\*George Christopher P. Crall, Bucyrus  
*Field of Specialization:* Mechanical  
Engineering

Marianna Protsman Crawford,  
Live Oak, Fla.  
B.S. (Florida State University)  
*Field of Specialization:* Home  
Economics

Thomas P. Cribbs, III, Apollo, Pa.  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

Phillip Leonard Daniel, Chillicothe  
B.S. (University of Kentucky)  
*Field of Specialization:* Metallurgical  
Engineering

James Raymond Darwood, Van Wert  
B.S.  
*Field of Specialization:* Botany

† Ronald Benjamin Dickerson,  
Columbus  
*Field of Specialization:* Civil  
Engineering

John Laurence Donaldson, Lyndhurst  
B.S. (Case Western Reserve  
University)  
*Field of Specialization:* Mathematics

Gerald Leroy Doty, Miamisburg  
*Field of Specialization:* Mechanical  
Engineering

\* Also Bachelor of Mechanical Engineering,  
College of Engineering  
† Also Bachelor of Civil Engineering  
College of Engineering

John James Dougherty, Jr., Fairborn  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Biophysics

Ravinder Nath Dua, Delhi, India  
B.S. (University of Delhi)  
*Field of Specialization:* Civil  
Engineering

Roland Roy Dute, South Amherst  
B.S.  
*Field of Specialization:* Botany

Richard Gerald Edison, Columbus  
B.A.  
*Field of Specialization:* Computer and  
Information Science

Donald Ross Edmonston, Dayton  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Electrical  
Engineering

D'Aun Terry Waggoner Edmunds,  
Monterey Park, Calif.  
B.S. (California State Polytechnic  
College)  
*Field of Specialization:* Home  
Economics

Sebastian Lema Ekenobi, Columbus  
B.S.E. (University of New Brunswick,  
Canada)  
*Field of Specialization:* Geodetic  
Science

James Eugene Ellis, Warren  
B.S.  
*Field of Specialization:* Zoology

Martha Anne Hill Evans, Columbus  
B.S.Nurs.  
*Field of Specialization:* Nursing

Donna Lou Eyster, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Nursing

Steven Douglas Falls, Bowling Green  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Louis Joseph Fazio, Palisade, N. J.  
D.M.D. (New Jersey College of  
Medicine and Dentistry)  
*Field of Specialization:* Dentistry

Joseph R. Fiedler, Kettering  
A.B. (Harvard University)  
*Field of Specialization:* Mathematics

Philip Doyle Flenner, Mansfield  
B.W.E.  
*Field of Specialization:* Welding  
Engineering

Richard Banbury Ford, Brecksville  
B.S.Agr., D.V.M.  
*Field of Specialization:* Veterinary  
Physiology and Pharmacology

George Stuart Frahm,  
Frankenmuth, Mich.  
*Field of Specialization:* Welding  
Engineering

Carl Grover Frederick, Jr., Cleveland  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Nuclear  
Engineering

°Albert Allen Freeman, Marysville  
*Field of Specialization:* Welding  
Engineering

Garth Bowen Freeman, Atlanta, Ga.  
B.S. (Georgia Institute of  
Technology)  
*Field of Specialization:* Physics

Richard Harry French, Chillicothe  
B.C.E.  
*Field of Specialization:* Civil  
Engineering

Ronald Lee Fuller, Columbus  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Elmer Joseph Fundermark, Conneaut  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Jay Richard Geib, Lititz, Pa.  
B.S. (New Mexico State University)  
*Field of Specialization:* Chemistry

Mary Jo Gerst, Athens  
B.S.Ed., B.S.H.E. (University of  
Cincinnati)  
*Field of Specialization:* Home  
Economics

Frederick Dale Glasser,  
Pittsburgh, Pa.  
B.S. (Otterbein College)  
*Field of Specialization:* Chemistry

Barbara Ann Good, Seville  
B.S. (Baldwin-Wallace College)  
*Field of Specialization:* Home  
Economics

Peter Harold Greaney,  
Salisbury, Mass.  
B.A. (State College at Bridgewater)  
*Field of Specialization:* Geology

Anne Louise Greiner,  
Webster City, Ia.  
B.S. (University of Iowa)  
*Field of Specialization:* Pathology

John Ronald Grischow, Struthers  
B.A. (Brown University)  
*Field of Specialization:* Physics

David Ross Gross, Columbus  
B.S., D.V.M. (Colorado State  
University)  
*Field of Specialization:* Veterinary  
Physiology and Pharmacology

David Paul Grubb, West Chester  
B.S.E.P.  
*Field of Specialization:* Nuclear  
Engineering

Karl John Hagedorn, Cleveland  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Sarah Anne Halliburton,  
Murfreesboro, Tenn.  
B.S.Nurs. (Saint Louis University)  
*Field of Specialization:* Nursing

Sandra Marie Hampel, Middletown  
B.S. (University of Dayton)  
*Field of Specialization:* Home  
Economics

Kenneth Roger Hanby, Worthington  
B.S. in Ch.E. (Lehigh University)  
*Field of Specialization:* Metallurgical  
Engineering

Rodney Keith Hannah, Barberton  
B.S. in Edu. (Kent State University)  
*Field of Specialization:* Mathematics

Gwendolyn Thompson Hedgepeth,  
Orangeburg, S. C.  
B.S.H.E. (South Carolina State  
College)  
*Field of Specialization:* Home  
Economics

Linda Diane Heding, Brookside, N. J.  
B.S. (Elizabethtown College)  
*Field of Specialization:* Microbiology

Norman Carl Henderson,  
Woodbury, N. J.  
B.Sc. in M.E. (Drexel Institute of  
Technology)  
*Field of Specialization:* Mechanical  
Engineering

Floyd Roger Hess, Jr., Mt. Vernon  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

Katherine Ann Hess, Columbus  
B.S.  
*Field of Specialization:* Physiology

\* Also Bachelor of Welding Engineering,  
College of Engineering

- Sister Margaret Mary Hite,  
Louisville, Ky.  
B.S.Nurs. (Catherine Spalding  
College)  
*Field of Specialization: Nursing*
- Arthur Woodward Hoadley, Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Danny Eugene Humphrey, Johnstown  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*
- Lawrence James Huttzell, Dayton  
B.M.E. (University of Louisville)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- John F. Isner, Bronx, N. Y.  
B.E. (City College, New York)  
*Field of Specialization: Geodetic  
Science*
- Jay Richard Jackson, Columbus  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization: Computer and  
Information Science*
- Sondra Ann Johnston, East Liverpool  
B.S.Nurs.  
*Field of Specialization: Nursing*
- David Alan Jones, Defiance  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*
- Edward Grant Kar, Ambler, Pa.  
B.S.  
*Field of Specialization: Biochemistry*
- Fateh Karan, Pali, India  
B.S. (University of Rajasthan);  
**M.S. (Indian Agricultural Research  
Institute)**  
*Field of Specialization: Agronomy*
- Lawrence Edward Katonak, Columbus  
B.S.E.P.  
*Field of Specialization: Nuclear  
Engineering*
- Paul H. Kauffman, Beach City  
B.S. (Eastern Mennonite College)  
*Field of Specialization: Plant  
Pathology*
- Harold Richard Keller,  
Upper Sandusky  
B.S.E.E. (Indiana Technical College);  
M.S. (United States Naval  
Postgraduate School)  
*Field of Specialization: Computer and  
Information Science*
- Daniel Eugene Kimmet, Delphos  
B.S.M.E.  
*Field of Specialization: Mechanical  
Engineering*
- Mary Ann Klein, West Seneca, N. Y.  
B.S. (Cornell University)  
*Field of Specialization: Home  
Economics*
- John Knowles, Bebington,  
Cheshire, England  
B.Sc. (Birmingham University,  
England)  
*Field of Specialization: Chemistry*
- Miriam Miller Knowles, Akron  
A.B. (West Liberty State College)  
*Field of Specialization: Home  
Economics*
- John Douglas Kueck, Omaha, Neb.  
B.S. (Purdue University)  
*Field of Specialization: Electrical  
Engineering*
- Thomas Henry Lapp,  
Fort Wayne, Ind.  
B.S. in Dentistry, D.D.S. (Indiana  
University)  
*Field of Specialization: Dentistry*
- Young Jack Lee, Seoul, Korea  
B.S.E. (Seoul National University)  
*Field of Specialization: Statistics*
- Neal Val Leimbach, Castalia  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*
- George Clark Letton, Jr., Paris, Ky.  
B.S.M.E. (University of Kentucky)  
*Field of Specialization: Mechanical  
Engineering*
- Ronald Gene Linaburg,  
Monongahela, Pa.  
B.S., D.M.D. (University of  
Pittsburgh)  
*Field of Specialization: Dentistry*
- Charles Howard Lincoln,  
Fayetteville, N. C.  
B.S. (University of North Carolina,  
Chapel Hill)  
*Field of Specialization: Mathematics*
- William Kirk Lindsay, Columbus  
B.S.Agr.  
*Field of Specialization: Natural  
Resources*
- Pamela Morse Malernee, Shelby  
B.S.Nurs.  
*Field of Specialization: Nursing*
- <sup>2</sup>Walter Donald Mast, Defiance  
*Field of Specialization: Mechanical  
Engineering*
- Jun Matsumura, Midoriku, Japan  
Bach. of Eng. (University of  
Electro-Communications)  
*Field of Specialization: Computer and  
Information Science*
- Frank F. Matthews, Westlake  
B.S. (California Institute of  
Technology)  
*Field of Specialization: Mathematics*
- Albert Quince McGee, Westerville  
B.S. (Physics) (Howard University)  
*Field of Specialization: Physics*
- David Joel Miller, Chewelah, Wash.  
B.S. (Oregon State University)  
*Field of Specialization: Computer and  
Information Science*
- Robert John Milroy, Huntsville  
B.S.Agr.  
*Field of Specialization: Animal  
Science*
- <sup>1</sup>Walter Joseph Mirczak, Shadyside  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- William Stonehart Moore,  
Norman, Okla.  
B.S. (Millsaps College); M.D.  
(University of Tennessee)  
*Field of Specialization: Preventive  
Medicine*
- Marshal A. Moser, Jr., Wren  
B.S.Ed.  
*Field of Specialization: Zoology*
- William Alan Moth,**  
Chittenango, N. Y.  
B.S. (New York State University  
College, Cortland)  
*Field of Specialization: Zoology*
- Sally Burton Murray, Columbus  
B.S.Nurs. (University of Michigan)  
*Field of Specialization: Nursing*
- Lizbeth Fay Mynko, Youngstown  
B.A. (Bowling Green State  
University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*
- <sup>2</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering
- <sup>1</sup> Also Bachelor of Aeronautical and  
Astronautical Engineering, College of  
Engineering

Titakudi Jagannath Natarajan,  
Madras, India  
B.E. (University of Madras) ; M.E.  
(Indian Institute of Science)  
*Field of Specialization:* Welding  
Engineering

Carol Ann Neff, Columbus  
B.S.  
*Field of Specialization:* Veterinary  
Physiology and Pharmacology

Kiffe Negash, Dire Dawa, Ethiopia  
B.Sc. (Haile Sellassie I University)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Roger Christopher Nicol, Irwin  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Thomas Edwin Noll, Dayton  
B.S.M.E. (University of Cincinnati)  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Alzada Hazel Oliver, Cushing, Okla.  
B.S.Nurs. (University of Oklahoma)  
*Field of Specialization:* Nursing

Karen Lawler Ottenweller,  
Cleveland Heights  
B.S.Nurs. (Saint John College of  
Cleveland)  
*Field of Specialization:* Nursing

Janet Dalton Palm, Ashland  
B.S.H.E.  
*Field of Specialization:* Home  
Economics

Sharon Suzanne Parker, Kingsville  
B.S.Nurs.  
*Field of Specialization:* Nursing

Lary Wayne Pinkley, Grafton  
B.S.Ed.  
*Field of Specialization:* Physics

Richard Allan Pruden, Geneva  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

James Alan Raftery, Canton  
A.B. (Stanford University) ; M.B.A.  
(Columbia University)  
*Field of Specialization:* Computer and  
Information Science

\*Stanley Louis Ream, Hartville  
*Field of Specialization:* Welding  
Engineering

Gary Michael Rectenwald, Toledo  
B.S.  
*Field of Specialization:* Computer and  
Information Science

Robert Anthony Restifo,  
Shaker Heights  
B.S. (Muskingum College)  
*Field of Specialization:* Entomology

Nancy Ann Rich, Youngstown  
B.S. (Youngstown State University)  
*Field of Specialization:* Pathology

Jane Robinson, Roslyn, N. Y.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Home  
Economics

Frederick Colson Rodgers, Cheshire  
B.S.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Thomas Joseph Rosenbeck,  
Saint Henry  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Kimball Mellor Rudeen,  
Picayune, Miss.  
B.S. (Georgia Institute of  
Technology)  
*Field of Specialization:* Computer and  
Information Science

David William Ruger, Archbold  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

<sup>1</sup> John Arthur Rumberger, Jr., Lisbon  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

John Frederick Salisbury, Columbus  
B.S.Ed.  
*Field of Specialization:* Mathematics

<sup>2</sup> William Scott Schaefer,  
Watchung, N. J.  
*Field of Specialization:* Mechanical  
Engineering

Norman Richard Schneider,  
Dorrance, Kan.  
B.S., D.V.M. (Kansas State  
University of Agriculture and Applied  
Science)  
*Field of Specialization:* Veterinary  
Physiology and Pharmacology

Henry Ludwig Schulte, Jr., Columbus  
B.S. (University of Arizona)  
*Field of Specialization:* Natural  
Resources

Michelle Minyard Schwartz,  
Kansas City, Mo.  
B.A. (Park College)  
*Field of Specialization:* Chemistry

Beryl Gallagher Scott, Worthington  
B.S.Nurs.  
*Field of Specialization:* Nursing

James Nicholas Scott, Bainbridge  
B.S.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Martha Elizabeth Scotzin,  
Camphill, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Home  
Economics

Sharon Stout Searles, Columbus  
B.S.Nurs.  
*Field of Specialization:* Nursing

<sup>3</sup> Donald Francis Sebian, Painesville  
*Field of Specialization:* Mechanical  
Engineering

William John Sederowitz,  
North Plainfield, N. J.  
B.E.E., M.E.E. (Catholic University  
of America)  
*Field of Specialization:* Computer and  
Information Science

Brady Llewellyn Shafer,  
Dunbar, W. Va.  
B.A. (Evansville College) ; M.A.  
(Louisiana State University and  
Agricultural and Mechanical College)  
*Field of Specialization:* Mathematics

Suzanne Elaine Shaffer,  
Tacoma, Wash.  
B.S.Nurs.  
*Field of Specialization:* Nursing

Robert Condon Shauck, Columbus  
B.S.Ed.  
*Field of Specialization:* Natural  
Resources

Frank Sheranko, Chardon  
A.B., M.A. (Western Reserve  
University)  
*Field of Specialization:* Zoology

Vicki Lynn Galchick Sherrow, Salem  
B.S.Nurs.  
*Field of Specialization:* Nursing

\* Also Bachelor of Welding Engineering,  
College of Engineering

<sup>1</sup> Also Bachelor of Aeronautical and  
Astronautical Engineering, College of  
Engineering

<sup>2</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering

Shang-Tsong Shieh, Chiayi, Taiwan  
B.S. (National Chiao-Tung  
University)  
*Field of Specialization:* Electrical  
Engineering

Kamar Jit Singh, Ropar, India  
B.Sc.Eng. (Panjab University)  
*Field of Specialization:* Civil  
Engineering

John Patrick Skelly, Dix Hills, N. Y.  
B.S., M.D. (University of Pittsburgh)  
*Field of Specialization:* Preventive  
Medicine

Harry Eugene Smail, Columbus  
B.S.Agr.  
*Field of Specialization:* Natural  
Resources

Clinton Bernard Smith,  
Havertown, Pa.  
B.S. (Saint Joseph's College)  
*Field of Specialization:* Physics

James Stanley Sneary, Columbus  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

Se-Yun Sohn, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization:* Home  
Economics

George Ireland Stanley, Jr.,  
Snydersburg, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Microbiology

James Lester Starr, Wilmington  
B.S.Agr.  
*Field of Specialization:* Plant  
Pathology

Stephen Charles Stein,  
Plainview, N. Y.  
A.B. (Cornell University)  
*Field of Specialization:* Computer and  
Information Science

Harold Edward Sterwerf, Cincinnati  
B.S.Agr.  
*Field of Specialization:* Dairy Science

Diana Gayle Storm, Springfield  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Computer and  
Information Science

Bettye Jean Story, Columbus  
B.S.Nurs. (Meharry Medical College)  
*Field of Specialization:* Nursing

Steven John Struharik, Barberton  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

Sing-Hua Cynthia Sun,  
Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization:* Home  
Economics

John Terrence Tesson, St. Louis, Mo.  
B.S. (University of Missouri)  
*Field of Specialization:* Metallurgical  
Engineering

Noboru Toyama, Tokyo, Japan  
B.E. (University of Tokyo)  
*Field of Specialization:* Electrical  
Engineering

Lilian LaiLum Tye, Hong Kong  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Mathematics

Martha Rose Varian, Columbus  
B.S.H.E.  
*Field of Specialization:* Home  
Economics

Michael William Velten, Columbus  
B.S.  
*Field of Specialization:* Computer and  
Information Science

Robert James Walker, Massillon  
B.Agr.E.  
*Field of Specialization:* Agricultural  
Engineering

Hsien Chang Wang, Taipei, Taiwan  
B.S.Engr. (National Taiwan  
University)  
*Field of Specialization:* Civil  
Engineering

William Joseph Waters, Rockville, Md.  
B.S. (College of the Holy Cross);  
M.P.A. (Cornell University)  
*Field of Specialization:* Preventive  
Medicine

Robert Lee Weathers, Covington, Ky.  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Mechanical  
Engineering

Jon David Weerts, Stone Park, Ill.  
B.S. in Ed. (Concordia Teachers  
College)  
*Field of Specialization:* Mathematics

Thomas George Weidner,  
Salt Lake City, Utah  
B.S. (University of Utah)  
*Field of Specialization:* Computer and  
Information Science

Allan Lund Weisbjerg, Newark  
Diploma (Sonderborg Engineering  
College, Denmark)  
*Field of Specialization:* Mechanical  
Engineering

JoLynne White, Columbus  
B.S.H.E.  
*Field of Specialization:* Home  
Economics

James Harold Whitman,  
Southboro, Mass.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Physics

James Alan Winner, Hillsboro  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Ignacio Ngo Yao,  
Pasay City, Philippines  
B.S. (De La Salle College)  
*Field of Specialization:* Industrial  
Engineering

Steven Dwight Yoder,  
Temple City, Calif.  
B.A.  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Takashi Yoshinaga, Tokyo, Japan  
B.Sc. (Kobe University)  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Loren Jones Young, Bremen  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

#### **Master of Social Work**

Two candidates

Ivan Ronald Cohen, Columbus  
B.A.  
*Field of Specialization:* Social Work

Christine Jo Hurstel, Kokomo, Ind.  
B.A. (De Pauw University)  
*Field of Specialization:* Social Work

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### 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: Franklin P. Kilpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Five candidates

James Vernon Barnhill, Gahanna  
Margaret Mary Carpenter, Columbus  
Annette Lynn Kirby, Crestline  
Arvid Lotar Lepke, Hudson  
Phyllis Ann Petersen, Worthington

### Bachelor of Fine Arts

Twenty-two candidates

Isabel A. Berkelhammer,  
Brooklyn, N. Y.  
Jennie Lou Clouse, Columbus  
Timothy J. Davis, Columbus  
B.S.Ed.  
Dorothy Jeanine Donahey,  
Worthington  
James Gilbert Friedman, Columbus  
Joseph Michael Frye, Crestline  
Marcia Sue Gelfand,  
University Heights  
Nina Rita Giammarco, Columbus  
Debra Sue Gorenstein, Columbus  
Joav Eddy Gross, Columbus  
Wendi Alison Haas, Wyncote, Pa.  
Cynthia Sue Hurd, Medina  
Richard John Litke, Cleveland

Therese Woerner McGarity,  
Worthington  
Sandra Lee Michalap,  
East Brunswick, N. J.  
Dolly Miller, Columbus  
Linda Lee Milligan, Marion  
\*Karen Letsinger Moore, Columbus  
Darlene Agnes Nosack, Norwalk  
Sue Ann Pollock, Columbus  
Virgil Wayne Redmon, Columbus  
Russell John Rigo, Elyria

### Bachelor of Music

Four candidates

Randolph Deyo Love, Norwalk  
Linda Ann Nichols, Columbus  
Michael Alan Rabey, Springfield  
Kenneth Eugene Short, 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  
one hundred and thirteen**

### Bachelor of Science in Industrial Design

One candidate

Paul Lupe Obregon, Columbus  
B.A.

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Six candidates

George Stephen Cochran, Napoleon  
Robert Mark Hoover, Columbus  
James Anthony Joy, Youngstown  
Olga Maria Petrovic, Columbus

David Fred Poepelman, Yorkshire  
Charles Richard Ryan, Springfield

### Bachelor of Science

Forty-one candidates

Justin Ansell, Orlando, Fla.  
Kathy Haering Bakenhaster,  
Columbus  
Enid Anderson Barry, Columbus  
John Alan Bartlett, Dayton  
Louis Paul Beshara, Columbus  
Walter Charles Blackham, Columbus  
Dan Howard Constable, Cincinnati  
Thomas Marmion Dymoke Cotner,  
Columbus  
Gary Myron Gibson, Fairborn  
Gordon Goldsmith,  
Cliffside Park, N. J.  
Ted Howard Hamilton, Barberton  
David Scott Harper, Galena  
Larry William Heitkamp,  
Fort Recovery  
Glenn Merle Herringshaw, Columbus  
Gary Lee Kirkpatrick, Mansfield  
Thomas Andrew Klima, Parma  
Donald Lee Knowles, Columbus  
Bruce William Kranz, Bay Village  
Mary Lou Lauer, Prospect  
James Wesley Libbey,  
Washington C. H.  
Lorena H. Lui, New York, N. Y.  
Gerald Lawrence Miller, Columbus  
Stella Yvonne Monday, Uniopolis  
James Orville Morris, Columbus  
William Lee Morrison, Millersburg  
John Eric Nimitz, Columbus  
Jon Frederick Ort, Worthington  
Geno Anthony Patrick,  
Highland Heights  
David Layne Plock, Columbus  
Dan Edward Reiss, Akron  
Eric Thomas Richman,  
New York, N. Y.  
Mary Starr Schipper, Dayton  
Richard Julius Schlueter, II,  
Springfield  
William John Schultz, Cleveland  
Jerry Siegel, Columbus  
Isaac Rick Smilovits, South Euclid  
Wendy Sue Smith, University Heights  
Stephen Collins Stockton,  
Lockport, N. Y.  
Thomas Joseph Thum, Newark

\* Also Bachelor of Art Education,  
College of Education

Robert Frank Wulffhorst, Delphos  
Rudy Allan Yount, Pleasant Hill

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Sixty-nine candidates

Robert Harley Barstow, Columbus  
Christine Schmitt Baughman,  
Columbus  
\*Mary Patricia Behan, Chagrin Falls  
Rene Beil Biel, Columbus  
Lynn Martin Blaha, Newark  
Wendy Turrell Bogniard, Columbus  
Kathy Sue Bower, Columbus  
\*Joan Catherine Brandt, Columbus  
James Michael Cadwell, Perrysburg  
Charles Jacob Cape, Westerville  
Donna Marie Caron, Delaware  
Dennis Patrick Carr, Columbus  
Jeffrey James Carter, Bridgeport  
Louis William Cennamo, Columbus  
Christopher F. Cowan, Elyria  
David Allan Fink, Columbus  
Stephanie Ann Forrester, Columbus  
Geoffrey Edwin Fullen, Columbus  
Toni Garment, Fort Lee, N. J.  
Dennis Bruce Gease, Columbus  
Donna Lynne Gray, Woodmere, N. Y.  
Michael Joseph Grumblis, Lima  
Mary Jane Harris, Newark  
Terrence James Hickernell, Lakewood  
Patricia Winther Johnston, Maumee  
Richard William Knipp, Bellefontaine  
Barbara Wynn Knox,  
Lockbourne AFB  
Richard David Lomaz, Beachwood  
Nadine Catherine Lovelace, Columbus  
Ben Arthur Lyttle, Jr., Columbus  
Margaret Elizabeth McCormick,  
Lincoln Park, Mich.  
Cathleen Mary Murname, Columbus  
Christopher Paul Noon, Canton  
Joyce Marsh Olscamp,  
Syracuse, N. Y.  
William Trent Pancoast, Galien  
Dean Gerald Pavick, Akron  
Robert Miller Peterson, Columbus  
Adam Daniel Piergallini,  
Steubenville  
Jesse Purvis Pippins, Baldwyn, Miss.  
Ronald Creighton Proffitt, Columbus  
Mary Francis Raver, Pataskala  
Edith Smith Reed, Mansfield

Patrick William Rekart, Delphos  
Stephen Paul Rigsby, Worthington  
Claire Kennedy Ritzler, Marion  
John David Robertson, Findlay  
Steve Allen Robins, Columbus  
Judith Ann Roof, Columbus  
James Dennis Ross, Columbus  
Elyahue Roussos, Columbus  
John Mark Row, Columbus  
Gary Glen Sattelmeyer, Columbus  
Neil Herbert Schneiderman,  
South Euclid  
Paul Francis Schodorf, Columbus  
Robert Dale Schweickart, Columbus  
Samuel Douglas Sewell,  
Phoenix, Ariz.  
Alan Ira Silver, Shaker Heights  
Susan Ann Sullivan, Ashland  
Nancy Summers, Columbus  
Jeffrey David Swartz, Toledo  
Linda Dianne Taylor, Columbus  
Timothy Lee Thickstun, Columbus  
Donna Claire Thompson, Berea  
Charlotte Helene Vaughan, Salem  
Jean Goldsberry Warren, Columbus  
Terry Glenn Washburn, East Monroe  
Gregory Vaughan Wilson,  
Leisure City, Fla.  
Carl Warren Winters, Carrollton  
Anthony Thomas Zanetos, Delaware

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Ten candidates

\*Martha Jane Augsburg, Bluffton  
Beverly Ann Hanhart, Newark, N. J.  
Steven Kaye, Parma  
B.S.Ed.  
Edward Allen Kendall, Cincinnati  
Darryl John McCullough, Columbus  
Donald Goodwin O'Brien, Westerville  
Brenna Aileen Perry, Delanson, N. Y.  
Richard John Sterba, Lakewood  
Michael Edward Uhl, Cincinnati  
John VonKamp, New London

### Bachelor of Science

Thirty candidates

Joseph Irvin Adams, Jr.,  
Royersford, Pa.

Michael Eugene Allen, Mansfield  
Robert George Axonovitz, Toledo  
James Timothy Bailey,  
New Lexington  
Lynn Suzanne Bittinger, Mansfield  
Richard David Bowen, Euclid  
Ronald Lynn Bowman, Kettering  
Robert Winston Burkhardt, Columbus  
Joseph Herbert Carpenter, II,  
Columbus  
Vincent Ying Chin, Columbus  
Stephen Alan Chupp, Smithville  
Gordon Francis Cikra,  
Cleveland Heights  
Douglas Bernard Clark, Solon  
Russell Ivan Dresbach, Zanesville  
Charles Richard Gilchrist,  
Westmont, N. J.  
Michael Lee Grant, Circleville  
William Joseph Haffey,  
Parris Island, S. C.  
Paul Allen Hoffman, Grove City  
Larry Keith Holland, Spring Valley  
Terry Ned Myers, Medina  
Danny Gaylon Pace, Rushville  
Henry Richard Povolny, Columbus  
Alan Michael Prenoveau, Columbus  
Jeffrey Ian Saeks, Dayton  
Dale Joseph Schroeder, Ottawa  
Robert Barry Shuman, Cincinnati  
Mark Edward Thomen, Columbus  
Cheryl Hollenbacher Virginia, Sidney  
Roger Wayne Webb, Columbus  
Thomas Philip Welsh, Columbus

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and fifty-five candidates

Donna Ryan Abram, Columbus  
Walter Bruce Achenbach, Columbus  
Stephen Anthony Adams, Columbus  
Sheldon Tyrone Anderson, Miami, Fla.  
Richard Thomas Anthony, Sylvania  
Douglas Alan Baker, Grove City  
Gregory Allen Baker, Shelby  
Jeannette Louise Ball, Columbus  
Kathleen Nash Beaty, Cuyahoga Falls  
William Everett Beavers, Columbus

\*Also Bachelor of Science in Education,  
College of Education

Bonny Sue Beckerman,  
Highland Park, Ill.  
Mary Dane Bell, Columbus  
John Thomas Belton, Granville  
Martha Fisher Bolton, Columbus  
Jose Ramon Borrás,  
Condado, Puerto Rico  
Richard Lee Byers, Columbus  
Robert Morris Campbell, Columbus  
Teresa Lynne Casselberry, Dayton  
Rick Ceader, Columbus  
Randall Elliott Cesco, Branch Hill  
Courtland Eugene Clark, Gibsonton  
Marguerite Marie Connerton,  
Alexandria, Va.  
Jon Charles Cook, Park Ridge, Ill.  
Nancy Louise Cook, Rocky River  
Donald Leslie Corwin, Rushsylvania  
Robert James Cristiano, Cleveland  
Madaline Jean D'Alesio,  
Mingo Junction  
David Paul Davis, Waverly  
Jeffrey Robert Day, Columbus  
James Bernard Demido, Troy  
Sara Beth DeMuth, Hicksville  
Jon Selden DeWitt, Columbus  
Karen Ann Dietch, Columbus  
Cert.Grad.Dent.Hyg.  
Maureen Elizabeth Doherty, Solon  
Gay Diana Doner, Waverly  
Susan Lynn Dragovich, Dover  
Joseph Early Elliot, II, Piqua  
David Martin Ellis, Zanesville  
Betty Jean Ervin, Savannah, Ga.  
Karen Fulker Eye, Columbus  
Alan Ralph Falk, Columbus  
Gale Epstein Feldstein, Columbus  
David Robert Ferris, Columbus  
Larry Joe Finley, Cuyahoga Falls  
Joel Ira Fisher, Bayside, N. Y.  
Lawrence Lewis Follansbee, Columbus  
Harvey James Ford, Columbus  
John Alan Gabelman, Columbus  
David Francis Galvin, Columbus  
Daniel Richard Gauchat, Columbus  
Mary Louise Georiton, Columbus  
William Ewing Gibb, Columbus  
Cynthia Kay Girkins, Toledo  
Julie Ann Gramm, Columbus  
Ron Ira Gross, South Euclid  
Steven Alan Gutter, Columbus  
Connie Marie Haas, Perrysburg  
Dennis Peter Hamernick,  
Patchogue, N. Y.  
Richard Allan Hanyok, Mentor  
Robert Eugene Harbron, Hamilton  
Deborah Jean Harrington,  
Cranston, R. I.  
John Theodore Harris, Columbus

Barbara Bay Haynes, Columbus  
Barbara Ann Herman, Youngstown  
Bruce Alan Hertz, Cincinnati  
James Owen Hicks, Columbus  
Donna Mercedes Holt, Columbus  
Stephen Gregory Horodyski, Kinsman  
Deborah Jo House, Columbus  
John David Hvizdos, Columbus  
Bruce David Innes, Fairview Park  
Gary Robert Isroff, Akron  
William Harold Jackson, Ashland  
Deborah Elizabeth Jerd, Miamisburg  
John Terrance Johnson, West Union  
Barbara Sue Kastan, Sidney  
Sheryl Colleen Katter, Wapakoneta  
Ellen Katz, Forest Hills, N. Y.  
John Daniel Keppel, Columbus  
Linda Sue Kerns, Fremont  
Carl Joseph King, East Liverpool  
Louis Frank Komaroy, North Canton  
Carol Ann Kuenle, Dayton  
Theodore Rudolph Kurz, Poland  
Neil Joseph Larrimer, Columbus  
Robert Aldro Lingard, Columbus  
David Edward Linn, Toledo  
Frank Joseph Macke, Ottawa  
Frank Mark Maier, Bellefontaine  
Larry Alan Mann, Dayton  
Gregory Alan Mapes, Columbus  
Ronnie Lynn Marks, Akron  
Thomas Wesley Marling, Columbus  
Franklin H. Marshall, Columbus  
Joseph William Marshall, Columbus  
Dale Robert McArdle, Maple Heights  
George Walter McKerrow, Jr.,  
Westlake  
James Richard Melton, Alexandria  
Dennis Lloyd Mesnick,  
Shaker Heights  
Norman Dennis Milford, Jr.,  
Doylestown  
Carol Anne Miller, Columbus  
Charles Keller Milless, Columbus  
Mark Keinath Milligan, Coshocton  
Beverly Winters Moon, Columbus  
Barbara Elinor Moore, Curtice  
Roger Albert Moore, Jr., Columbus  
John Charles Murphy, Middletown  
Marsha Knull Nicoloff, Urbana  
Paul Ernesto Nielsen, Columbus  
Linda Kay Norris, Columbus  
Shirlee Ann Oblocki, Willowick  
Thomas Leland Pearson,  
Shaker Heights  
Richard Laurence Petty, Jr.,  
Columbus  
Carmen Robert Polisenio, Columbus  
Judy Ellen Pollard,  
Livingston, N. J.

Charles James Rawlins, Columbus  
Anderson Eugene Reed, Columbus  
Bruce Eugene Reid, Orient  
Ronald Taylor Richard, Grove City  
James Michael Ridenour, Columbus  
B.S.Bus.Adm.  
Robert David Ridenour,  
Fredericktown  
Carol Ann Ritzer, Foxboro, Mass.  
Roberta Jane Ross, Greenville  
Kevin George Rusnak, Columbus  
Mary Ann Salcetti, Pittsburgh, Pa.  
Carol Lee Sauer, Columbus  
George Stephen Scherer,  
Annandale, Va.  
Thomas Howard Schottenstein,  
Columbus  
Louis Howard Schuster,  
Waterbury, Conn.  
Helen Ann Shaw, Gautier, Miss.  
Jeffrey Alexander Shively,  
Rocky River  
Donna Rae Sidwell, Englewood  
Patricia Helen Silas, Kettering  
Catherine Ann Simone, Cleveland  
Jeffrey Vernon Smith, Columbus  
Michael David Smith, Coshocton  
Robert Edward Smith, Columbus  
Wayne Fredric Sperber,  
Strongsville  
Jeffrey Lynn Steele, Columbus  
Lois Prunty Stevens, Columbus  
David Philip Sunderman, Findlay  
Gary Franklin Suttles, Dayton  
Richard John Szekelyi, Columbus  
Alice Therese Touschner,  
University Heights  
Richard Edward Ungar, Youngstown  
Elena Ann Virca, Warren  
Lawrence Allan Waite, Independence  
Pamela Messer Weitzel,  
Reynoldsburg  
Wendell Ray Wethington, Cincinnati  
Howard Ernest White, Malta  
Reginald Alan Wilkinson, Cleveland  
David Yonas, Beachwood  
John Zatroch, Cleveland  
Roger John Zedick, Glen Rock, N. J.  
Aloysius Zellner, Columbus

**Bachelor of Science**  
Nineteen candidates  
John Richard Beach, Columbus  
Robert Eugene Branham, Columbus  
Karen Lynn Brown, Columbus  
Talla Lee Casper, Cincinnati  
Alan Raymond Denne, Parma  
Pamela Betz Ellwanger, Columbus  
James Kenneth Evans, Fairview Park

## College of Administrative Science

Dean: James R. McCoy

Kathleen Bridgett Ferrara,  
Greenwich, Conn.  
Joyce Ann Courson Goodman, Newark  
Craig Charles Henschen, Alliance  
Vincent Dru Johnson, Columbus  
Gregg James Karlos, Bellbrook  
Thomas Dee Luten, Youngstown  
Ardath Ann McDermott, Fairfield  
Donald McPhail Mosley,  
White Plains, N. Y.  
Carolyn Kintz Nienhius, Delaware  
Betty Everman Pierce, Bellville  
Thomas Marvin Roszmann,  
Washington C. H.  
Debra Lee Wolinsky,  
West Long Branch, N. J.

### School of Journalism

#### Bachelor of Arts in Journalism

Seventeen candidates

Barbara Evelyn Beniak,  
Greenfield, Wis.  
John Roger Bolton, Cincinnati  
Linda Ann Brenner, Hanoverton  
John Douglas Brookhart, Newark  
Samuel Shoemaker Calhoon, Hilliard  
Linda Susan Crossley, Columbus  
Robert Raymond Furbee, Hillsboro  
Linda Lee Howard, Heath  
Andrea Elisabeth Illert, Columbus  
Alice Erika Lapsanszky, Toledo  
Vicky Anne Lee, Columbus  
Mark Allen Lott, Columbus  
Jennie Lou Phipps, Dayton  
Mary Louise Roth, Oxford  
Marilyn Kay Segal,  
University Heights  
Mark Anthony Smith, Lancaster  
Cynthia Ann Starr, Middletown

#### Bachelor of Science in Business Administration

One hundred and thirty-two candidates

James Lee Allensworth, Scio  
David William Arps, Delta  
James William Baehren, Toledo  
Gary Edward Baird, Columbus  
John Robert Baker, Vandalia  
Dean David Barr, Columbus  
Mark Lindsay Bennion, Jr., Dayton  
Robert Earl Berger, Columbus  
Kenneth Lee Blasiman, Salem  
John William Brennan, Columbus  
Bryan Lee Brooks, Amherst, N. Y.  
Jeffrey Charles Brown,  
Mechanicsburg, Pa.  
Bruce Allen Burrey, Jeromesville  
George Wilson Burton, Dayton  
Jack Stephen Carson, Montpelier  
Frank John Chasar, Akron  
John Neeley Cichowicz, Lakewood  
Ralph Minor Cox, Jr., Columbus  
Alan Bruce Cutting, Jr., Wyoming  
Edward Abel Daus, Cleveland  
Thomas Eugene DeBrosse, Dayton  
Mark Alan Dembski, West Jefferson  
David Joseph Dillon, Bloomfield, N. J.  
James Elias Duemey, Columbus  
Theodore John Dupaski,  
Columbia Station  
LeRoy Joseph Burgett Dyer, Lorain  
Stephen J. Edmonds, Columbus  
Donald Norman Edwards, Columbus  
Lon L. Ehrhart, Columbus  
B.S.Ed. (Millersville State College,  
Pennsylvania)  
Steven Mark Eisenberg, Columbus  
Charles Peterson English, III  
Chagrin Falls  
Peter Epstein, Cleveland Heights  
Lyle Ray Essinger, Dola  
Ralph Rader Feamster, Jr., Columbus  
James Michael Gable, Cuyahoga Falls  
William Richard Gardner, Cleveland  
James Russell Garruto, Oxford, N. Y.  
Mary Patricia Gearhart, Circleville  
Angelo John Georgeson, Jr.,  
Bay Village  
Darrel S. Gerard, Shaker Heights  
Larry Darnell Gilliam, Columbus  
Gerald Cly Gilliland, Columbus  
Sheldon Robert Goldstine, Cleveland  
B.S.Arch.  
William Henry Greene, Beachwood  
Kathleen Elaine Gunsett, Van Wert  
Abraham Mark Gutmore,  
Paterson, N. J.  
John Charles Hale, Wauseon

Robert Eugene Hartman, Newark  
Kenneth Edward Hawkins, Columbus  
Daniel Edward Higgins, London  
Harvey Thomas Himes, Jr., Cincinnati  
Daniel Charles Hite, Columbus  
William Daniel Hollinger, Marion  
Michael Stephen Holser, Galion  
Ronald Douglas Hopper, Columbus  
Donald James Hothem, Baltic  
Stanley Ford Hughes, Marion  
Frank Odon Jelenic, Jr., Euclid  
Kenneth Allan Jones, Columbus  
Stanley Satoshi Kanno, Cleveland  
Alan Roger Kara, Strongsville  
Paul Charles Keinath, Plain City  
William Joseph Koch, Brooklyn  
Edward Robert Koepfler, Toledo  
James Jay Kohn, Warren  
John David Kreider, Fort Recovery  
John Peter Kroon,  
Commugny, Switzerland  
Thomas Lee Krupka, Westlake  
Stephen Jay Kubin, Columbus  
Darrel Lee Laman, Lima  
Steven Alan Leitz, Arlington, Tex.  
Jonnie Sue Linn, Celina  
Robert Joseph Lorenz, Columbus  
Charles Edgar Mallett, Springfield  
David Alan Marks, Mayfield  
Glyde Arthur Marsh, Jr., New Albany  
William Brandt Marshall, Columbus  
Frank Joseph McConnell, Milan  
Gregory Alan McCrate,  
Columbus Grove  
Frank Frederick Melnik, Campbell  
Ronald Lee Miller, North Canton  
Paul Richard Milo, Euclid  
Kimmy Dee Moore, Columbus  
John Edwin Morlan, Columbiana  
Steven Edward Morris, Toledo  
James Bruce Mounts, Columbus  
Michael William Murphy, Columbus  
Patrick Martin O'Neill, Paulding  
Bruce Jeffrey Palestrant, Columbus  
Joseph Paronish, Uniontown  
Thomas Michael Parzinger,  
Grove City  
Theodore Arthur Pegrarn, Crestline  
Dennis Charles Pillivant, Elyria  
Bruce Reed Pinkney, Willoughby  
Jules Raymond Pommier, Bedford  
Francis Sidney Porter, Malta  
Richard Darryl Purser, Strongsville  
Nicholas J. Pustay, East Canton  
Isaac Bergin Reynolds, Jr.,  
Louisville, Ky.  
Gary Philip Rhein,  
Rockville Centre, N. Y.  
Stephen Allen Robbins, South Euclid

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Jeffrey Scott Rosier,  
Broadview Heights  
Daniel Erwin Rosner, Dayton  
Lee Steven Rosner, Philadelphia, Pa.  
Mitchel Benedict Salmere,  
Port Chester, N. Y.  
Kenneth Victor Sandor, Medina  
John Samuel Santisi, Youngstown  
David Lee Saylor, North Royalton  
Donald Jack Schultz, Elyria  
Gary Martin Shaffer, Columbus  
Terrance Allan Shough, Columbus  
James Del Silverwood, Maumee  
Frank Edwin Sklarski, Parma  
Timothy Wray Smith, Mansfield  
Mark Steven Snowbarger, Wooster  
Robert William Spencer, Hemlock  
Charles Robert Talbott, Powell  
Edwin Hurst Teegardin, Mt. Sterling  
Kirk Lee Tennant, Marion  
Philip John Turner, Marion  
Joseph Vannata, Jr., Bellmore, N. Y.  
Robert Alvin Vogel, Toledo  
Lee Wallace Wall, Columbus  
Steven Nicholas Ward, Grove City  
Pamela Elizabeth Watson,  
Springfield  
Rodney Coy Wells, Springfield  
Laurence Barry Whitworth, Avon  
John Carl Williams, Utica  
Richard Scott Young, Shaker Heights  
Joseph John Yurasek, Jr., Columbus  
Larry Frederick Zimmerman,  
Columbus  
Harry Leighton Zulauf, Columbus

### School of Social Work

#### Bachelor of Science in Social Welfare

Six candidates

Thomas Michael Albright,  
Worthington  
Heidi Ann Barton, North Madison  
Barbara Lee Bennett, Shaker Heights  
Barbara Jean Martin, Columbus  
Walter Price, Columbus  
Austin Jackson Wilson, Columbus

#### Bachelor of Science in Agriculture

Thirty-nine candidates

John Robert Burch, Fredericktown  
John Rathbun Christensen,  
Lebanon, Conn.  
Rita Pavetto Doberneck,  
Jeannette, Pa.  
Brad Robert Dreier, Cincinnati  
John Irvin Elick, Warren  
James Russell Freed,  
East Palestine  
Jerry Leo Gallaway, Athens,  
Frederick John Graft, Canfield  
Frederick Hazen Green, Thompson  
B.A.  
Roger Wayne Greenawalt, Beloit  
Joseph Harold Gressel, Delphos  
Alan Paul Herd, East Liberty  
Paul Randall Hoover,  
Upper Sandusky  
Keith Eugene Kauffman, Union  
Michael Earl Kautz, Castalia  
Danny Dale Lemaster, Columbus  
Cheryl Ann Lusk, Columbus  
B.S.H.E.  
Donald Grant Munro, Bay Village  
Vincent Edward Parry, Mt. Vernon  
Donald K. Phillips, Columbus  
James Michael Pollock, Webster, N.Y.  
Bruce Denton Runkle, Sidney  
William Benedict Ruth, Jr.,  
Worthington  
Gregory Lynn Sautter, Galion  
Robert Simon Schilling, Columbus  
Paul Edward Schnabel, Litchfield  
Rose Marie Schultz, Geneva  
Terry Lee Seabold, LaGrange  
William Edward Shaeffer, Jr., Canton  
Marcia Howard Starr, Bucyrus  
Richard Chris Steffens, Cincinnati  
Myrna Faye Sterin, Peabody, Mass.  
Ruth Eting Stillabower, Bedford  
Rodney Alan Swartley, Hatfield, Pa.  
Edith Young Tews, Portsmouth  
Michael David Whitacre, Xenia  
Timothy Jon Wildermuth, Bryan  
Howard Yamataki, Cleveland  
Raymond George Zacharias, Grafton

#### Bachelor of Science in Nutrition

One candidate

Sharon Eileen Cargo, Chillicothe

### School of Home Economics

#### Bachelor of Science in Home Economics

Twenty-eight candidates

Carol Grace Booth, Galion  
Christine Lois Briggs, Erie, Pa.  
Brenda Sue Burns, Marysville  
Kathryn Marie Burris, Bolivar  
Kathleen Theresa Cahill, Columbus  
Kathryn Pfeifer Crall, Bucyrus  
Suzanne Emil, Great Neck, N. Y.  
Constance Jane Godwin, Richwood  
Valinda Lee Hann, Columbus  
Rebecca M. House, Dayton  
Joan Graves Jackson, Columbus  
Diane Rose Kopetz, Columbus  
Xan Marie Nole, Blacklick  
Elma Hall Oliver, Newark  
Cynthia Kay Reeser, Columbus  
Linda Louise Roberts, Columbus  
Sharon Sitterly Russell, Norwalk  
Bryna Ann Scheinman,  
New Bedford, Mass.  
Elaine Frances Snyder, Somerset  
Marilyn Staneart Snyder, Columbus  
Karen Marie Spring, Jefferson  
Sharon Mantle Stapleton, London  
Naney Brause Stuckman, Bucyrus  
Jacquelyn Gangluff Tilton, Attica  
Patricia Cannon Willingham,  
Washington C. H.  
Peggy Jane Wollerman, Columbus  
Ellen Rogers Woodworth, Columbus  
Joan Marie Ziembra, Cleveland

## College of Dentistry

Dean: John R. Wilson

### Doctor of Dental Surgery

Nine candidates

Vernon Michael Bowling, Tipp City  
B.A. (Houghton College)

John Richard Bradbury, Cortland  
B.A.

Barry David Brown, Fairborn  
B.S. (Ohio University)

Forest Dallas Cahill, Attica  
B.S. (Capital University)

David Peter Gluhm, Hamilton  
B.A. (Miami University)

Jay David Krasne, Beachwood  
B.A. (Miami University)

Richard Ronald Maruschak,  
Youngstown

Theodore Groff Starkey, Canton

Richard John Wills, Columbus  
B.A.

### Certificate of Graduate Dental Hygienist

One candidate

Kathleen Lou Vannelle, Shadyside

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Three hundred and fifty-six candidates

Lois Roebuck Abram, Columbus  
Charles Gilbert Adams, Ashley  
William Carlos Allen, Columbus  
Harriet Rall Amendola,  
Upper Sandusky

Miles Shelton Andrews, Waynesfield  
Navy Victor Aquila, Powell

Martha Jane Augsburg, Bluffton  
Brenda Lyn Backus, Columbus

Linda Kay Bailey, Miamisburg  
Lawrence David Bain,  
University Heights

Robert Bruce Bain, Rochester, N. Y.  
Malvin Fred Barron, Beachwood

Jesse Otis Bass, Jr., Bellefontaine  
Cheryl Anderson Beale, Dayton

Donald Robert Beck, Columbus

Julia Ann Beer, Mansfield

Mary Patricia Behan, Chagrin Falls

Christine Spaeth Bell, Columbus  
Leonard Charles Bennett,  
Washington, D. C.

Lynda Berkley, South Euclid  
Nancy Ann Berryman, Grover Hill

Donna Molden Beyer, Columbus  
Donna Jeanne Biery, Warren

Vicki Clifton Bilchak, Circleville  
Brenda Tomlinson Black, Elyria

Paula McAdow Blake, Newark  
Norma Horning Blauser,  
Pickerington

Cynthia Lee Blum, Columbus  
Kathy Henson Bobb, Columbus

Gretchen Bonnie, Urbana  
Nancy Halberstadt Booth, Columbus

Rena Baker Born, Marion  
Jane Boucher, Dayton

William Carl Brandal, Willard  
B.A.

Joan Catherine Brandt, Columbus  
Carol Ann Breitenbach, North Olmsted

Margaret Anne Brigden, Euclid  
Patty Wicker Brock, St. Mary's

Earl Delmore Brown, Sedalia  
Mary Hubbard Brown, Columbus

Diane Smith Bunn, Columbus Grove  
Marlise Galloway Bunsold, Bellaire

Brenda Sue Burgess, Galloway  
Julia Remington Burns, Barberton

Phyllis White Burns, Marion  
Susan Weisend Busey, Columbus

Helen Louise Butterfield, Worthington  
Cathy Heil Canter, Columbus

Thomas Caruso, Columbus  
Lorene Abbott Chasteen, Medina

Cert. Grad. Dent. Hyg.,

Michael Rae Childers, Zanesville  
Richard Theodore Chojnacki,  
Columbus

Audra Ellese Cline, Waldo  
John Harper Coffman, Westerville

Ellen Judith Cohen,  
Massapequa Park, N. Y.

Susan Lusch Coile, Marion  
Danny Joseph Colley, Columbus

Colby Lewis Collier, Troy  
Karen Miller Comstock, Marion

Robert Gary Conley, Shelby  
Ann Sargent Conrad, Marysville

Gerald Allen Cook, Columbus  
Gwendolyn Estis Cook, Columbus

Brenda Sue Cooke, Orwell  
Claudia Ann Corey, Toledo

Constance Lee Coughenour,  
Kirkersville

Glenn Edward Crawford,  
Upper Sandusky

Pamela Rausch Crone, Columbus  
Patricia Anne Cz, Madison

David James D'Aquila, Bellaire  
Linda Woods Darling, Columbus

Margot Lu Davis, Marion  
Mary Fisher Davis, Delaware

Mildred Sprinkle Davis, Mt. Sterling  
Susan Lee Davis, Zanesville

Christine Larson Detrick, Granville  
Thomas Albert Doucher, Jr.,  
Columbus

Paul Stephen Driver, Lima  
David Andrew Duffy, Frazeyburg

Mary Carol Duffy, Cleveland  
Stanley Eugene Eddy, Haviland

Elizabeth Hayes Edgerton,  
Middletown

Paula Schneider Egbert, Columbus  
William Michael Egbert, Columbus

Dayna Chapman Emmelhainz,  
Grove City

Curtis Charles English, Cleveland  
Judith Epstein, Toledo

Pamela Moon Estepp, Portsmouth  
Diane Sue Evans, Westerville

Roberta Lynn Evans, Jackson  
JoAnn Peugh Ewalt, Fredericktown

Allen Thomas Fabian, Mentor  
Diane Mary Fargo, Medina

Terry Lee Fawcett, Eastlake  
Judith Kay Feick, Crestline

Mary Brown Fenton, Reynoldsburg  
Sylvia Blackwell Finney, Columbus

Barbara Ellen Finsilver,  
Birmingham, Mich.

\* Also Bachelor of Arts, Colleges of  
the Arts and Sciences

Julie Ann Fishley, Dover  
 Martha Birtel Flora, Worthington  
 Harold James Flu-Allen, Columbus  
 Susan Marie Fortener, Miamisburg  
 Lynn Gorman Forthofer,  
     Olmsted Falls  
 Deborah Lee Franke, Cincinnati  
 Mary Frankel, South Euclid  
 Bonita Ann Frazier, Columbus  
 James Roger Friedman, Elyria  
 Evelyn Valle Fronczak, Columbus  
 Cydney Ellen Fry, Galion  
 Mary North Gallant, Columbus  
 Janet Lynne Garrett, Westerville  
 Judith Bommer Garrett, Avon  
 Patsy Kerns Gartner, Newark  
 Valerie Emery Gerlach, Caledonia  
 Linda McDavid Gill, Hilliard  
 John Thomas Gilmore, Hubbard  
 William Ray Goepfert, Rocky River  
 Roger Golden, New York, N. Y.  
 Marilyn Patricia Goldsberry,  
     Gahanna  
 John Patrick Greaves, Adena  
 Donald Dow Green, Zanesville  
 Pamela Anne Green, Cumberland  
 William Dean Griffin, Columbus  
 William J. Grimes, Grover Hill  
 Carolyn Reed Hackworth, Lima  
 Robert Lee Haegele, Pataskala  
 Linda Louise Hall, Dayton  
 Roger Alan Hansen, Pemberville  
 JoAnn Harris, Wrightstown, N. J.  
 Katherine Holman Harris, Columbus  
 Joyce Kissling Hartrum, Bucyrus  
 Arthur Raymond Hausmann,  
     Bay Village  
 Emyrtle Hayes, Jefferson  
 Sharon Miller Hayes, Newcomerstown  
 Deborah Sininger Hazelbaker,  
     West Union  
 Bonnie Buehl Henderson, Lima  
 Debbie Ann Hendricks, Piqua  
 Mary Hurt Hill, Columbus  
 Lana Russell Hines, Columbus  
 Roger Frank Hock, Mansfield  
 Constance Mary Hoke, Crestline  
 Vicki Ann Holewinski, Toledo  
 Lucinda Elaine Holtschulte, Ney  
 Beverlee Lamie Hooker, Columbus  
 Robert Burns Howard, Columbus  
 Robin Allen Hren, Westerville  
 Constance Elizabeth Hueckel,  
     Columbus  
 Ellen Louise Hull, Loveland  
 Jo Ann Huston, Napoleon  
 Paula Denise Huston, Grove City  
 Martha Ann Irwin, Columbus  
 Marsha Kay Isaacson, Wilmette, Ill.

Kent Turnbull Jackson, Dayton  
 Rochelle Kuzak Jeffries, Independence  
 Raymond Douglas Jewett, Columbus  
 Patricia Lynn Johnson, Columbus  
 Alan David Jones, Grove City  
 Phyllis Delores Johnson Jones,  
     Columbus  
 Robert Henry Jones, Columbus  
 Sarah Joyce Jordan, Columbus  
 Helen Louise Kanner, Wantagh, N. Y.  
 Jane Ann Kappeler, Dover  
 Barry Joseph Keenan, Columbus  
 Marcy Jo Kerns, Defiance  
 Mary Margaret Keyes, Lancaster  
 Victoria Miller Kiley, Columbus  
 Jane Garvin Kincaid, Marion  
 Chere Wolf King, Cincinnati  
 Jacqueline Bare King, Marion  
 Hannelore Christine Kletzmayer,  
     Mansfield  
 Lucinda Lee Klevay, Independence  
 Timothy Lee Kline, Louisville  
 Ruby Dodge Klingler, Lima  
 Dale Carnegie Knox, Bay Village  
 Janet Rose Korns, Mt. Vernon  
 Bruce Charles Kosins, Dayton  
 Hazel Harle Kreh, Newark  
 Helen Rachel Krongold, Cleveland  
 Ruth Dempster Kruckeberg, Columbus  
 Jo Ellyn Kuipers, Columbus  
 Patricia Evelyn Kunkler, Columbus  
 Lila Dee Kurit, Cleveland  
 Audrey Ann Kvoka, Plymouth  
 Creida Few Lahut, Lima  
 Patricia Morrison Langdale,  
     Columbus  
 Mary Cecilia Lanzillotta, Galion  
 Gloria Jean Lee, Columbus  
 Carol Venters Lehman, West Liberty  
 Mitchell Allen Libster, Canton  
 Linda Jeanne Liggitt, Heath  
 David Hamilton Lindsay, Columbus  
 Sandra Barrett Little, Blacklick  
 Jack Vernon Loewel, Columbus  
 Carol Ann Lohr, Worthington  
 Gloria Jean Long, Kenton  
 Dennis Eugene Loy, Bucyrus  
 Rosalie Beth Mansky,  
     University Heights  
 Melody Sue Maret, St. Albans, W. Va.  
 Martha Wortman Marine,  
     Bellefontaine  
 Kathy Reynolds Marson, Columbus  
 James Robert Mason, Chagrin Falls  
 Bettie Goldfarb Mathless, Columbus  
 Sally Jayne Matson, Worthington  
 Joan Ellen Matz, West Haven, Conn.  
 Deanne Lucille McCormick, Plymouth  
 Gerald Paul McDonough, Mansfield  
 Gail Spittorf McFarren, Massillon

Dennis Alden McGee, Columbus  
 Douglas Ryan McKay, Wilmington  
 Ann Christine Miller, Sandusky  
 Brenda Hammonds Miller, Columbus  
 Sue Ahne Milovich, Lorain  
 Suzanne Evelyn Minnich, Columbus  
 Frances Johnson Minutilli, Columbus  
 Karen Nancy Mitchell, Columbus  
 Sharon Ann Mitchell,  
     North Highlands, Calif.  
 Helen Soule Moore, Granville  
 Darlene Shevchik More, Oberlin  
 Karen Lee Morgan, Danville, Va.  
 Marcia Mays Morrill, Columbus  
 Maryann Moss, Parma  
 Eva Kitzmiller Moyer, Columbus  
 Deborah Lee Munz, Hamilton  
 Kathleen French Murnane, Columbus  
 Mary Lee Nestor, Columbus  
 Beverly Pollard Nettle, Reynoldsburg  
 Nancy Richmond Norton, Columbus  
 Joseph Alan Novak, Lorain  
 Michael Warner O'Callaghan,  
     Westlake  
 Jean O'Connell, Worthington  
 Gretchen Bentz O'Neill, Newark  
 Linda Dawn Packer, Clifton, N. J.  
 Sandra Palsgrove, Groveport  
 Kathleen Ryan Paolini, Columbus  
 Cheri Ann Parker, Columbus  
 Deborah Sue Paul, Zanesville  
 Judy Lucas Payne, Richwood  
 Denise Lynn Peck, Shaker Heights  
 Sandra Moore Pentello, London  
 Craig Lee Phillips, Lakewood  
 Deborah Baggs Pierce, Columbus  
 Ruth Anne Pinney, Martinsville  
 Jacqueline Pohlbel Place, Lima  
 Gary Stephen Poole, Dayton  
 William J. Porterfield, Marion  
 Robert Wayne Price, Newark  
 Denise Faye Pride, Columbus  
 Ralph David Pridemore, Columbus  
 Martha Fosler Propater, Columbus  
 Mary C. Pshountas, Parma  
 Lonnie Gene Pugh, Crestline  
 Michael Duane Randolph, Mt. Gilead  
 Timothy Duane Redman, Columbus  
 Ersy Thompson Reed, Ostrander  
 Linda Kay Reeg, Logan  
 Laura Richardson Reese, Columbus  
 William Finley Reeves, Columbus  
 Stephanie Jane Reichert, Worthington  
 Carolyn Duerr Reid, Ashley  
 Linda Katherine Repasky, Conneaut  
 Dona Maria Reshetalo, Parma  
 Marsha Ours Rice, Coshocton  
 Nancy Ann Riestler, Marion  
 Barbara Jean Riggle, Mansfield

Angelique Colleen McKinney  
Rinehart, Heath  
Arlene Lois Robbins, South Euclid  
Thomas Charles Robbins, Columbus  
Carol Ish Roberts, Columbus  
Deborah Diane Roberts, Columbus  
Janice Elaine Robison, Columbus  
Joyce Ellen Roby, Lima  
Allen Richard Rogers, Columbus  
Patricia Edna Rogers, Columbus  
Frances Rosen, New York, N. Y.  
Denise Gail Rosenfeld, Pittsburgh, Pa.  
Kenneth Louis Rosengarten,  
Coldwater  
Marilyn Ruth Rosser, Cincinnati  
Pamela Fannin Ruby, Columbus  
David Lee Ruff, Wapakoneta  
Phyllis Diane Saltzman, Cincinnati  
Karen Kalb Schifer, Bucyrus  
Susan Elaine Schifer, Bucyrus  
Frank Richard Schroeder, Ottawa  
Marcia Clarin Schwartz, Columbus  
Sandria Karen Schwartz, Youngstown  
Nancy Collins Scott, Ashville  
Anita Lou Seigneur, Wauseon  
David Albert Seitz, Marysville  
Paula Sue Serian, Canfield  
Brenda L. Sessley, Columbus  
Ernest Settles, Newark  
Karen Harold Shaeffer, Alliance  
Janice Susan Shafraan, Cleveland  
Shirley Anne Sherer, Mason  
Mary Hohenbrink Shreffler, Mansfield  
Alvin Lewis Simpson, Cleveland  
Jo Ann Slaughter, Canton  
Rodger Charles Smith, Columbus  
Nancy Louise Snyder, Miamisburg  
Steven Thomas Spicer, Lima  
John Edward Spisak, Cleveland  
Bruce Warren Spryer, Grove City  
Mary Jane Staton, Dayton  
Carrie Ellen Steinhart,  
Amherst, N. Y.  
Karen Repasky Sterrett, Conneaut  
Louise Stevenson, Cincinnati  
Michelle Gay Stewart, Lyndhurst  
Thomas Simrall Stewart,  
Atlanta, Ga.  
Ruby Lorraine Stimmel, Galena  
Linda Brooks Stricklan, Columbus  
Brenda Joyce Strohl, Delaware  
Kathy Rose Strohl, New Lexington  
Carla Irwin Struble, Columbus  
Gregory Albert Swary, New Bavaria  
Randall Walter Sweeney, Columbus  
Victoria Wood Tashjian,  
Wilmette, Ill.  
Janice Stepanovich Tataru, Columbus  
Anne Taylor, Lancaster

Deborah Jane Taylor, Milford  
Shirley Mae Taylor, Columbus  
Debra Gidlund Thomas, Newark  
Joan Elaine Thomas, Columbus  
Randy Lee Tidaback, Bucyrus  
Jane Ann Tilton, Portsmouth  
Pamela Fox Toothman, Newark  
James Martin Trager, Columbus  
Dorothy Dewilla Turnbo, Columbus  
Allen Dwight Varner, Columbus  
Gary Frank Vermilion, Newark  
Robert Carl Vernon, Fredericktown  
Barbara Schultz Wainer,  
University Heights  
Linda McMains Waite, Columbus  
Ruth Porter Ware, Hopewell  
Duane Larry Weckerly, Circleville  
Linda Kay Weinstein, Columbus  
B.S.Bus.Adm.  
Marlene Joy Weinstein, Cincinnati  
Janet Laine Wells, Toledo  
Patricia Bernadette Welsh, Eastlake  
Bruce R. Westall, Findlay  
Marilyn Elaine Wick, Youngstown  
Karen Wolfe Wilcox, Shelby  
Nicolette J. Wilhelm, Lexington  
Elizabeth Walklet Wilson, Strongsville  
Judith Ware Wilson, Mansfield  
Peggie Lee Wilson, Mansfield  
Jane Roberts Wing, Cincinnati  
Thomas Fredric Wolf, Cincinnati  
Anthony Robert Woody, Cincinnati  
Sharon Kay Workman, Columbus  
Patricia May Wright, Newark  
Jill Ann Wunderle, Columbus  
Barbara Kramer Young, Columbus  
Joanne Marie Young, Newark  
Craig Atley Younkman, Lima  
Kathleen Zeisler, Avon  
Barbara Jean Zucker, Galion

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

Nine candidates

Mary Ann Hale, Worthington  
Daniel Lee Holstein, Columbus  
Diane Rochelle Kutnick, Beachwood  
Connie Mae Lanam, East Liverpool  
Latane Lisle Lee, Columbus  
Karen Letsinger Moore, Columbus  
Linda Kathleen Mueller, Sylvania  
Robert George Pohn, Parma  
William Arthur Weidinger,  
Reynoldsburg

**Bachelor of Music Education  
Offered jointly by the  
College of The Arts and the  
College of Education**

Six candidates

Cathryne Smith Ball, Columbus  
Robert John Chappell, Jr.,  
North Olmsted, B.Mus.  
Charles Edward Harris, Cincinnati  
Leslie Jan Weidner Holdren,  
Zanesville  
Gary Michael Stith, Ithaca, N. Y.  
Scott Christopher Wilson, Circleville

\* Also Bachelor of Fine Arts, Colleges of  
the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

Two candidates

<sup>1</sup> Walter Joseph Mirczak, Shadyside  
<sup>1</sup> John Arthur Rumberger, Jr., Lisbon

### Bachelor of Science in Aeronautical and Astronautical Engineering

Four candidates

Gregory Scott Denton,  
Washington C. H.  
Julius Fleischmann Sanks,  
Cincinnati  
Larry Edward Skapin, Euclid  
Ronnie Thomas, Columbus

### Bachelor of Science in Agricultural Engineering

Two candidates

Robert Christopher Alpers, Findlay  
Daniel E. Winkler, Rittman

### Bachelor of Science in Ceramic Engineering

One candidate

Mary Elizabeth Welter, Novelty

### Bachelor of Chemical Engineering

Three candidates

Gary William Buttwin,  
North Madison  
Ronald Boyd Ransom, Columbus  
David Michael Sliva, Cadiz

### Bachelor of Science in Chemical Engineering

Eight candidates

Joseph Isaac Arar, Columbus  
David Edwin Burroughs,  
Reynoldsburg  
Donald Joseph Murphy, Columbus  
Marvin Edward Schmehl, Columbus  
Stanley Michael Straker, Lima  
Samuel Charles Tsen, Coshocton  
Kenneth Edward Waller,  
Sherrodsville  
Donald Leslie Weaver, Groveport

### Bachelor of Civil Engineering

One candidate

<sup>1</sup> Ronald Benjamin Dickerson,  
Worthington

### Bachelor of Science in Civil Engineering

Ten candidates

Robert Edwin Holmden, Westerville  
Christopher Joseph Kafer, Jr.,  
Ilion, N. Y.  
Roy William Koch, Bellevue  
Eugene Frank Lozano, Columbus  
Edward Paul Sefcik, Parma  
Alberto Gallardo Sevilla, Lima, Peru  
William Matthias Shiningar, Cecil  
Darwin Lynn Snyder, Columbus  
William Hugh Wiseman, Amelia  
Robert Alan Youngberg, Elyria

### Bachelor of Science in Computer and Information Science

Ten candidates

Lawrence Edward Adams, Kettering  
Mark Thomas Hinnebusch, Canton  
Robert Frank Idle, Wapakoneta  
William Patrick Kannen,  
North Olmsted

David Joseph Kramer, Dayton  
Fred Leslie Linton, Coalton  
Ronald Ray Montgomery, Springfield  
Dennis Michael Stricklan, Columbus  
Stephen Richard Tokar, Columbus  
B.S.  
Donald Lee Wallace, Columbus

### Electrical Engineer

One candidate

James August Wetz, Fairborn  
B.S. (Marietta College)

### Bachelor of Electrical Engineering

One candidate

Patrick Joseph Cavanaugh, Zanesville

### Bachelor of Science in Electrical Engineering

Eighteen candidates

Bennie Alston, Columbus  
Gary James Baker, Alliance  
Danny L. Carnahan, Latty  
James Erwin Fellure, Mansfield  
William Milton Johnson, Jr.,  
Worthington  
William Brent McDonough, Adena  
Catherine Estelle Morstatter, Akron  
Steven Charles Ohliger, Columbus  
Michael Herbert Reitzel,  
North Royalton  
Charles Edward Richardson,  
Columbus  
Mark Stephen Seipel, Columbus  
William Joseph Steeley, Kettering  
Kip Richard Steveley, Columbus  
Joseph Randolph Szarka, Lorain  
Larry Earl Von Lehmden,  
Fort Jennings  
Lee Earl Vormelker, North Olmsted  
Dale Charles Wunn, Brunswick  
Robert Arthur Young, Columbus

<sup>1</sup> Also Master of Science, Graduate School

**Bachelor of Science in Physics**

One candidate

Frederick Thorwald Rubin, Columbus

**Bachelor of Science in Engineering Physics**

Two candidates

James Allen Fife, Columbus  
Ginn Wing Lee, Columbus**Bachelor of Science in Industrial Engineering**

Three candidates

Luzerne Douglas Cover, Hubbard  
William Ferris Rounds, III, Columbus  
Melvin Lloyd Westcott, Jr., Shelby**Mechanical Engineer**

One candidate

Clinton Lee Syverson, Alliance  
B.S.M.E.**Bachelor of Mechanical Engineering**

Five candidates

Scott Robert Albin, Columbus  
\*George Christopher P. Crall,  
Bucyrus  
\*Walter Donald Mast, Defiance  
\*William Scott Schaefer,  
Watchung, N. J.  
\*Donald Francis Sebian, Painesville**Bachelor of Science in Mechanical Engineering**

Seven candidates

Robert Scott Blancett, Zanesville  
Randall Warren Cisler, Canton  
Alfonso Hernando Crane,  
Bogota, Colombia  
Gregory Bruce Graham,  
Monroeville, Pa.  
James Alan Kight, Columbus  
Joseph Nathaniel Powers, Toledo  
Paul Ritz, Findlay**Bachelor of Metallurgical Engineering**

Three candidates

Paul Devon Bartholf, Columbus  
Bernard Francis Gonya, Fremont  
Randall Lee Steele, Springfield**Bachelor of Science in Metallurgical Engineering**

Three candidates

Ronald Craig Aufderheide, Columbus  
Clifton Brant Howard, Columbus  
Larry Allen Offenbacher, Dayton**Bachelor of Welding Engineering**

Three candidates

James Michael Feil, Columbus  
\*Albert Allen Freeman, Marysville  
\*Stanley Louis Ream, Hartville**Bachelor of Science in Welding Engineering**

Two candidates

Kenneth William Coryell,  
Chagrin Falls  
David Lee Forrest, Worthington**School of Architecture****Bachelor of Architecture**

Five candidates

Richard William Hanlon, Cincinnati  
Stephen Benjamin Leibold,  
Massapequa, N. Y.  
Robert John Maus, Huron  
James Bodine Myers, Magnolia, N. J.  
Elvin Joseph Phillips,  
New York, N. Y.**Bachelor of Science in Architecture**

Five candidates

Thomas Charles Haeuptle, Norwalk  
Terry Ray Martell, Toledo  
Franco Mario Palma, Columbus  
Susan Virginia Plaisted, Worthington  
David Lynn Ruth, Columbus**Bachelor of Science in Landscape Architecture**

Two candidates

Charles Theodore Abbot, Columbus  
James George Mance, Worthington

\* Also Master of Science, Graduate School

## College of Medicine

Acting Dean: Robert J. Atwell

### Doctor of Medicine

Two candidates

Thomas Hewitt Coleman,  
Milford Center  
B.A. (Vanderbilt University)  
Stephen Ned Kolodzik, Columbus  
B.A. (Miami University)

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

Eleven candidates

Elaine Edith Biegacz, Canton  
Randall Charles Blake,  
Sudbury, Mass.  
Harold Lee Brown, Bellaire  
B.S.Bus.Adm.  
Barbara Vane Earl, Waynesfield  
Dennis Wendell Gramlich, Columbus  
Judith Ann Henry, Dillonvale  
Juliana Johnson, Zanesville  
RoseMarie Chi Leiby, Dayton  
Joanne Bihl Minor, Wheelersburg  
Patricia Ann Scites, Wellston  
Alta Louise Scrimsher, Long Bottom

#### Bachelor of Science in Occupational Therapy

Nine candidates

Joan Marie Albert, West Carrollton  
Annette Mae Blower, Brecksville  
Rosalie Marie DeCamp,  
Columbus Grove  
Maxine Lea Kahn, Deerfield, Ill.  
Pamela Sue Lackner, Hamilton  
Paula Kartsimas Sarrey, Columbus  
Nancy Jane Schneider, Hubbard  
Barbara Bateson Weltzien,  
Zanesville  
Renee Linda Wolf,  
University Heights

#### Certificate of Post Baccalaureate Medical Technologist

One candidate

Margaret Jo Snyder, Fort Recovery  
A.B. (Miami University)

### Certificate of Post Baccalaureate Physical Therapist

Thirteen candidates

Richard John Balnis, Carey  
B.A. (New Mexico Highlands  
University)  
Sue Brugger Edgar, Fairborn  
B.S. (Ohio University)  
Judy Augusta Gebhart, Ashland  
B.S. (Otterbein College)  
James Paul Lacy, Akron  
B.A. (University of Akron)  
Jeaneen Desmond McCarthy,  
Pittsburgh, Pa.  
B.S. (Ohio University)  
Terry Allen Morgan, Chillicothe  
B.S.C. (Ohio University)  
Cynthia Elizabeth Morton, Greenville  
B.A. (Miami University)  
Patrick Ralph Ranalli, Youngstown  
A.B. (Youngstown State  
University)  
Jill Louise Sellers, Barborton  
B.S. (Otterbein College)  
David Allen Shutes, Linden, Mich.  
B.S. (Michigan State University)  
Margaret Latham Springer, Delaware  
B.S.Ed. (Miami University)  
Cecelia Ann Tournoux, Canton  
A.B. (Ursuline College for Women)  
Lynn Allen Wallace, North Ridgeville  
B.S.Ed.

### School of Nursing

#### Bachelor of Science in Nursing

Twenty candidates

Sandra Louise Abram, Valley City  
Mary Virginia Bryden, Massillon  
Vicki Lee Buerger, Kenton  
Diane Louise Dalhart,  
South Charleston  
Jacqueline Lu Dewar, Kenton  
Paula Ann Falb, Akron  
Patricia Ruscilli Feamster, Columbus  
Richard Lawrence Gierman, Cleveland  
Julia Ann Jenkins, Alliance  
Jan Carol Kennedy, Sheffield Lake  
Shirley June Manchek, Cleveland  
Sandra Gale Oyler, Chillicothe  
Winona Marie Smith, Cleveland  
Nancy Louise Stockman, Toledo  
Cynthia Jane Szabo, Ravenna

Genevieve Mary Szuba, Parma  
Carolyn Elizabeth Trimble, Dayton  
Ivelo Linda Ludwig Williams,  
New Riegel  
Cathy Jean Wrotny, Ambridge, Pa.  
Linda Marie Zeitz, Fairview Park

## Graduates with Honors

### Summa Cum Laude

Lois Roebuck Abram, Columbus  
Donna Jeanne Biery, Warren  
Marlise Galloway Bunsold, Bellaire  
Kathryn Marie Burris, Bolivar  
Robert John Chappell, Jr.,  
North Olmsted  
Marguerite Marie Connerton,  
Alexandria, Va.  
George Christopher P. Crall, Bucyrus  
Bonnie Buehl Henderson, Lima  
Stephen Gregory Horodyski, Kinsman  
Barbara Wynn Knox,  
Lockbourne AFB  
David Joseph Kramer, Dayton  
Martha Wortman Marine,  
Bellefontaine  
William Brent McDonough, Adena  
Catherine Estelle Morstatter, Akron  
Marcia Knull Nicoloff, Urbana  
Jean O'Connell, Worthington  
Judy Ellen Pollard, Livingstone, N. J.  
Ronald Boyd Ransom, Columbus  
Cynthia Kay Reeser, Columbus  
Karen Kalb Schifer, Bucyrus  
Mary Starr Schipper, Dayton  
Donald Francis Sebian, Painesville  
Carla Irwin Struble, Columbus  
Donna Claire Thompson, Berea  
Kenneth Edward Waller,  
Sherrodsville  
Duane Larry Weckerly, Circleville  
Judith Ware Wilson, Mansfield

### Summa Cum Laude and with Distinction in History

Ronald Creighton Proffitt, Columbus

### Summa Cum Laude and with Distinction in Political Science

Sheryl Colleen Katter, Wapakoneta

### Cum Laude

Sandra Louise Abram, Valley City  
Joan Marie Albert, West Carrollton  
Brenda Lyn Backus, Columbus  
Barbara Evelyn Beniak,  
Greenfield, Wis.  
John Douglas Brookhart, Newark  
Phyllis White Burns, Marion  
Douglas Bernard Clark, Solon  
Nancy Louise Cook, Rocky River  
Thomas Eugene DeBrosse, Dayton

Mark Alan Dembski, West Jefferson  
Maureen Elizabeth Doherty, Solon  
Susan Lynn Dragovich, Dover  
Karen Fulker Eye, Columbus  
Paula Ann Falb, Akron  
Albert Allen Freeman, Marysville  
Richard Lawrence Gierman,  
Cleveland  
William Henry Greene, Beachwood  
Roger Alan Hansen, Pemberville  
David Scott Harper, Galena  
John David Hvizdos, Columbus  
Rochelle Kuzak Jeffries,  
Independence  
Edward Allen Kendall, Columbus  
Jan Carol Kennedy, Sheffield Lake  
Joseph William Marshall, Columbus  
James Robert Mason, Chagrin Falls  
Darryl John McCullough, Cincinnati  
Carol Anne Miller, Columbus  
Frances Johnson Minutilli, Columbus  
Kathleen French Murnane, Columbus  
Mary Lee Nestor, Columbus  
Xan Marie Nole, Blacklick  
Michael Warner O'Callaghan,  
Westlake  
Joyce Marsh Olscamp, Syracuse, N. Y.  
Brenna Aileen Perry, Delanson, N. Y.  
Henry Richard Povolny, Columbus  
Martha Fosler Prophater, Columbus  
Mary C. Psihountas, Parma  
Ronald Taylor Richard, Grove City  
Judith Ann Roof, Columbus  
David Lee Ruff, Wapakoneta  
John Arthur Rumberger, Jr., Lisbon  
David Lynn Ruth, Columbus  
Phyllis Diane Saltzman, Cincinnati  
Gary Glen Sattlemeyer, Columbus  
Thomas Howard Schottenstein,  
Columbus  
Kirk Lee Tennant, Marion  
Randy Lee Tidaback, Bucyrus  
Pamela Fox Toothman, Newark  
Donald Leslie Weaver, Groveport  
Karen Wolfe Wilcox, Shelby  
Peggy Jane Wollerman, Columbus  
Barbara Jean Zucker, Galion

### With Distinction in Microbiology

Jerry Siegel, Columbus

### With Distinction in Photography

James Gilbert Friedman, Columbus

### With Distinction in Political Science

Mark Keinath Milligan, Coshocton

### Cum Laude and with Distinction in Medieval and Renaissance Studies

Linda Diane Taylor, Columbus

### Cum Laude and with Distinction in Speech

Madaline Jean D'Alesio,  
Mingo Junction

Page 118 Blank

Page 119 Blank

Page 120 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 8, 1972

The Board of Trustees met at its regular monthly meeting on Friday, September 8, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

September 8, 1972 meeting, Board of Trustees

---

The Chairman, Mr. Eckley, introduced the new member of the Board of Trustees of The Ohio State University:

Mrs. Patricia D. James, who was appointed by Governor John J. Gilligan to succeed Mr. Robert S. Dorsey, for the term beginning May 14, 1972 and ending May 13, 1981, with appointee taking office July 18, 1972. She is a 1957 graduate in Dental Hygiene from Ohio State's College of Dentistry and the third woman to serve on this Board.

---

On behalf of the members of the Board of Trustees, Mr. Eckley welcomed Dr. Enarson to his first official meeting of the Board and expressed the belief that Dr. Enarson would do a great job for a great University.

---

#### REPORT BY CHAIRMAN

The Chairman, Mr. Eckley, announced the appointment of Patricia D. James to the following committee and board for 1972-1973:

##### Retirement and Insurance Committee

John L. Gushman, Chairman  
Howard D. Sirak, Vice Chairman  
Patricia D. James

##### Development Fund Board of Directors (One-year term)

Patricia D. James  
Howard D. Sirak

The Development Fund Board Bylaws require an election.

The Board of Trustees by unanimous voice vote approved the appointments pursuant to the Bylaws of the Development Fund Board, which action constituted an election.

o - o

September 8, 1972 meeting, Board of Trustees

As the meeting began, Mr. Shocknessy made the following statement:

Since the Board of Trustees of The Ohio State University has had a long history of support not only for athletics but for the Olympic games as well, I think that it would be most appropriate, before we do our business that we stand for a moment of silence to indicate our 'horror' and 'sorrow' over the Munich massacre. (All stood and observed a moment's silence.)

o - o

President Enarson indicated to the Board that at the request of Bishop Elwell, the University was making available the St. John Arena for an ecumenical memorial service on Sunday for the members of the Israeli Olympic team killed at Munich.

o - o

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building

Upon the recommendation of the Vice President for Medical Affairs, and with the concurrence of the President's Cabinet, President Enarson recommended that the building located at 1585 Neil Avenue, housing the School of Nursing of the College of Medicine, be officially named "The Mildred E. Newton Hall," to honor Dr. Mildred E. Newton for her years of leadership and distinguished service to the School of Nursing.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

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

B. Establishment of the Novice G. Fawcett Chair  
in Educational Administration

For the first time in the University's history the Board of Trustees has an opportunity to establish an endowed chair that has been funded by individual gifts from hundreds of people. These contributions have been made to the University as a special way of saying "thank you" and "farewell" to Novice G. Fawcett, as a tribute to his outstanding leadership, and the remarkable accomplishments of the University during the sixteen years he served as its President.

The idea of a major faculty position named for the President had its beginning in 1966 when the Board of Trustees gave special recognition to Novice Fawcett on the occasion of the tenth anniversary as President of The Ohio State University and established the Novice G. Fawcett Professorship in Educational Administration.

September 8, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Novice G. Fawcett Chair  
in Educational Administration (continued)

In the Spring of 1972 a group of friends of Dr. Fawcett formed a Friends of the Fawcetts Committee for the purpose of providing funds to redesignate the Novice G. Fawcett Professorship in Educational Administration as an Endowed Chair in Educational Administration. The leadership provided by this group inspired many alumni and friends to contribute to the Chair, and, although gifts and pledges are still being received, the support to date is more than sufficient to fully endow a chair. At this time, and as a lasting reminder of his unequalled accomplishments, President Enarson recommended that the Novice G. Fawcett Chair in Educational Administration be established.

In honoring Novice G. Fawcett, those who support this Chair are adding significantly to the future of The Ohio State University. They are providing a way that his influence on higher education can be continued in perpetuity. The names of those who have participated in this magnificent effort will be recorded forever in the archives of The Ohio State University along with the special thanks and deep gratitude of the Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Memorandum of Understanding Between Ohio Agricultural Research  
and Development Center and Agricultural Technical Institute

President Enarson recommended that the Board of Trustees authorize the President to enter into a memorandum of understanding between the Ohio Agricultural Research and Development Center and the Agricultural Technical Institute of The Ohio State University relating to the provision of services by the Ohio Agricultural Research and Development Center to the Agricultural Technical Institute.

Inasmuch as the Ohio Agricultural Research and Development Center has established supporting departments such as Physical Plant, Research Operations, Statistics Laboratory, Public Information, Library and others, many of these services can be provided to the Agricultural Technical Institute more economically and proficiently than by duplicating such services within the Agricultural Technical Institute.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the July 7, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

George P. Crepeau from Assistant Vice President for Curricula in the Office of Academic Affairs and Professor, Department of Theatre, to Associate Provost for Instruction in the Office of Academic Affairs and Professor, Department of Theatre, effective September 8, 1972, at a salary of \$25,128.00.

Kathryn T. Schoen from Acting Director, School of Allied Medical Professions, to Associate Provost for Faculties, in the Office of Academic Affairs, and Professor, Department of Speech Communication, effective September 8, 1972, at a salary of \$25,128.00 per annum.

David C. Marsh from Assistant Dean of University College to Assistant Vice President for Regional Campuses, and Assistant Dean of University College, effective immediately, at a salary of \$17,208.00 per annum.

Paul T. Yarrington from Professor and Chairman, Department of Engineering Graphics, and Assistant Dean in the College of Engineering, to Assistant Vice President for Admissions, Registrations, and Records in the Office of Administrative Operations, effective October 1, 1972, at a salary of \$25,836.00 per annum. Professor Yarrington will continue to hold the academic rank of Professor in the Department of Engineering Graphics.

David W. Cole from Professor, Academic Faculty of Finance, to Professor and Chairman, Academic Faculty of Finance, effective October 1, 1972, at a salary of \$19,248.00 per annum. Dr. Cole's term as Chairman of the Academic Faculty of Finance will run from October 1, 1972 through September 30, 1975.

T. Kristoffersen from Acting Chairman and Professor, Department of Food Science and Nutrition, to Chairman and Professor, Department of Food Science and Nutrition, effective September 1, 1972, at a salary of \$22,248.00 per annum.

B. Leaves of Absence Without Salary

Robert L. Emans, Professor, Academic Faculty of Early and Middle Childhood Education, effective July 1, 1972 through July 31, 1972, for personal reasons.

September 8, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Jack R. Frymier, Professor, Academic Faculty of Curriculum and Foundations, effective July 1, 1972 through August 31, 1972, to fulfill speaking engagements and teach short courses at other universities.

Henry R. Velkoff, Professor, Department of Mechanical Engineering, effective October 1, 1972 through September 30, 1973, to work in army aviation research.

Linnea Anderson, Associate Professor, School of Allied Medical Professions, Medical Dietetics Division, effective July 1, 1972 through August 31, 1972, for personal reasons.

Donald L. Duncan, Associate Professor, Division of Art Education, effective October 1, 1972 through September 30, 1973, to study in Denmark.

Michael L. Darby, Assistant Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to serve as a Visiting Assistant Professor at the University of California, Los Angeles.

Sara Ann Foster, Assistant Professor, School of Social Work, effective October 1, 1972 through September 30, 1973, to pursue doctoral degree.

Sylvan G. Frank, Assistant Professor, College of Pharmacy, effective July 1, 1972 through July 31, 1972, to serve as an Upjohn Visiting Professor.

Arthur Herbert Miller, Assistant Professor, Department of Political Science, effective October 1, 1972 through December 31, 1972, to participate in a research program at the Institute for Social Research at the University of Michigan.

Nolan J. Rindfleisch, Assistant Professor, School of Social Work, effective October 1, 1972 through June 30, 1973, to pursue doctoral program.

William Rodney Sharp, Assistant Professor, Department of Microbiology, effective August 1, 1972 through October 31, 1972, to participate in a program at the Centro de Energia Nuclear Na Agricultura, University of Sao Paulo, Piracicaba, Brazil.

Sandra J. Fisher, Instructor, School of Nursing, effective July 1, 1972 through July 23, 1972, for personal reasons.

September 8, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Julian E. Giraldo, Instructor, Department of Preventive Medicine, effective July 1, 1972 through June 30, 1973, to obtain additional clinical training.

Kyril P. Magg, Instructor, School of Music, effective October 1, 1972 through September 30, 1973, to play with the Cincinnati Symphony Orchestra.

Elmo Stewart Saunders, Instructor, University Libraries, effective July 1, 1972 through September 30, 1972, for study at Indiana University for his doctoral degree.

C. Emeritus Titles

Clyde C. Allison, Department of Plant Pathology, with the title Professor Emeritus, effective September 1, 1972.

Wilda G. Chambers, School of Nursing, with the title Professor Emeritus, effective July 1, 1972.

Wilfred J. Eberhart, Academic Faculty of Humanities Education, with the title Professor Emeritus, effective September 1, 1972.

William E. Jennings, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective September 1, 1972.

Dwight M. Palmer, Department of Medicine, with the title Professor Emeritus, effective July 1, 1972.

Arthur S. Bostwick, School of Journalism, with the title Assistant Professor Emeritus, effective July 1, 1972.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(June 17, 1972 - August 11, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	24	\$2,491,965.00
Government Research - State	1	24,825.00
Industrial and Other Research	7	181,061.00
<u>Grants</u>		
Government Research - Federal	29	1,687,470.00
Government Research - State	3	151,718.00
Industrial and Other Research	<u>8</u>	<u>159,104.00</u>
Totals	72	\$4,696,143.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-E - Sponsor ltr. dtd. 6/15/72 - Department of Zoology).  
Gross Value - \$3,652.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #14 - Department of Veterinary Pathology).  
Gross Value - \$257,570.00.
- c. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition, Analysis and Compilation of Instructional Materials for Training Programs Concerning Air Pollution (to be known as Project No. 2228 - Mod. #11 - Academic Faculty of Science and Mathematics Education).  
Gross Value - \$25,000.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #7 - Department of Surgery).  
Gross Value - \$4,742.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #2 - Department of Preventive Medicine).  
Gross Value - \$142,000.00.
- f. Department of the Interior, Bureau of Mines, Denver, Colorado, Stresses, Deformations and Progressive Failure of Non-Homogenous Fissured Rock (to be known as Project No. 3177-A1 - Mod. #5 - Department of Civil Engineering).  
Gross Value - \$25,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Pathologic Support for Evaluation of Cardiotoxic Drugs in the Canine (to be known as Project No. 3242 -A1 - Mod. #1 - Department of Pathology).  
Gross Value - \$64,600.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of the Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$119,419.00.
- i. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Studies (to be known as Project No. 3401-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$90,000.00.
- j. Department of the Interior, Bureau of Mines, Denver, Colorado, Electromagnetic Pulse Sounding for Geological Surveying with Application in Rock Mechanics and Rapid Excavation Program (to be known as Project No. 3408-A1 - New - Department of Electrical Engineering).  
Gross Value - \$46,762.00.
- k. Department of the Navy, Office of Naval Research, Arlington, Virginia, Exploratory Development Studies (to be known as Project No. 3468-A1 - New - Department of Electrical Engineering).  
Gross Value - \$50,000.00.
- l. 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 (to be known as Project No. 3478-A1 - New - Department of Medicine).  
Gross Value - \$100,000.00.
- m. Department of Labor, Manpower Administration, Chicago, Illinois, Department of Labor Procurement Training (to be known as Project No. 3482-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$12,409.00.
- n. Environmental Protection Agency, Research and Development Procurement, Washington, D. C., Resources Allocation to Optimize Mining Pollution (to be known as Project No. 3484-A1 - New - Engineering Experiment Station).  
Gross Value - \$70,423.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- o. Postal Service Management Institute, Bethesda, Maryland, Quantitative Methods and Operations Research Courses (to be known as Project No. 3485-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$69,325.00.
- p. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, E O Cross Section Studies (to be known as Project No. 3486-A1 - New - Department of Electrical Engineering).  
Gross Value - \$32,355.00.
- q. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Development of Methods for Establishment of Geodetic Control on the Moon (to be known as Project No. 3487-A1 - New - Department of Geodetic Science).  
Gross Value - \$59,800.00.
- r. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior (to be known as Project No. 3489-A1 - New - College of Administrative Science, Division of Research, Center for Human Resource Research).  
Gross Value - \$917,583.00.
- s. U. S. Arms Control and Disarmament Agency, Washington, D. C., Utilization of the Behavioral Sciences by the U. S. Arms and Control Disarmament Agency (to be known as Project No. 3490-A1 - New - Mershon Center for Education in National Security and College of Social and Behavioral Sciences, Behavioral Sciences Laboratory).  
Gross Value - \$51,131.00.
- t. Department of Health, Education, and Welfare, Food and Drug Administration, Rockville, Maryland, Study of Toxic and Teratogenic Effects of GRAS Substances Injected into Chicken Embryo (to be known as Project No. 3494-A1 - New - Department of Poultry Science).  
Gross Value - \$61,300.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, To Develop a Semiconductor Gamma Camera System for Nuclear Medicine (to be known as Project No. 3495-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$165,538.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Participation in the Biomedical Data Network (BDN) (to be known as Project No. 3497-A1 - New - Department of Medicine).  
Gross Value - \$59,956.00.
- w. National Aeronautics and Space Administration, Washington, D. C., GEOP - Geodesy/Solid-Earth and Ocean Physics Research Conferences (to be known as Project No. 3511-A1 - New - Department of Geodetic Science).  
Gross Value - \$13,500.00.
- x. Department of the Navy, Naval Ship Systems Command, Washington, D. C., Development of an HF Multiturn Loop Antenna for Shipboard Application (to be known as Project No. 3518-A1 - New - Department of Electrical Engineering).  
Gross Value - \$49,900.00.

TOTAL - Government Research Contracts - Federal \$2,491,965.00

2. Government Research Contract - State

- a. State of Ohio, Department of Education, Columbus, Ohio, To Design an Accountability System for the Ohio State Department of Education (to be known as Project No. 3503-A1 - New - Academic Faculty of Educational Development).  
Gross Value - \$24,825.00.

3. Industrial and Other Research Contracts

- a. General Industrial, Study of Dental Calculus (to be known as Project No. 2065-C - Ext. #6 - College of Dentistry).  
Gross Value - \$63,886.00.
- b. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor ltr. dtd. 6/20/72 - College of Dentistry).  
Gross Value - \$36,865.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- c. The University of Wisconsin, Research Administration - Financial, Madison, Wisconsin, Subcontract between the University of Wisconsin and The Ohio State University Research Foundation (to be known as Project No. 3335-A2 - Ext. #1 - Department of Psychology).  
Gross Value - \$8,883.00.
- d. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3419-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$5,327.00.
- e. North American Rockwell, Columbus Division, Columbus, Ohio, Spanish Language Program (to be known as Project No. 3480-A1 - New - Department of Romance Languages and Literature).  
Gross Value - \$8,340.00.
- f. University of Colorado, Medical Center, Denver, Colorado, Subcontract between University of Colorado and The Ohio State University Research Foundation (to be known as Project No. 3496-A1 - New - Department of Medicine).  
Gross Value - \$53,344.00.
- g. Chemagro, A Division of Baychem Corporation, Kansas City, Missouri, Evaluation of Residual Effectiveness of Pesticide Products (to be known as Project No. 3498-A1 - New - Department of Entomology).  
Gross Value - \$4,416.00.

TOTAL - Industrial and Other Research Contracts \$181,061.00

4. Government Research Grants - Federal

- a. National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Stress Corrosion Cracking of Titanium Alloys (to be known as Project No. 2267 - Sup. #5 - Department of Metallurgical Engineering).  
Gross Value - \$26,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- b. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #5 - Department of Geodetic Science). Gross Value - \$56,184.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as Project No. 2518-E - Ext. #5 - Department of Physiology). Gross Value - \$11,850.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-C - Rev. Award dtd. 6/27/72 - Department of Veterinary Pathology). Gross Value - \$6,790.00.
- e. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #3 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$6,000.00.
- f. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #4 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$8,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as Project No. 2793-C - Ext. #3 - Department of Chemistry). Gross Value - \$42,107.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A3 - Ext. #2 - Department of Biophysics).  
Gross Value - \$12,354.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A3 - Ext. #2 - College of Pharmacy).  
Gross Value - \$19,970.00.
- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A2 - Rev. Award dtd. 5/25/72 - Department of Surgery).  
Gross Value - \$3,048.00.
- k. Department of Health, Education, and Welfare, Office of Education, Bureau of Educational Personnel Development, Washington, D. C., A National Program in Educational Leadership (to be known as Project No. 3252-C1 - New - College of Education).  
Gross Value - \$20,476.00.
- l. Department of Health, Education, and Welfare, Social and Rehabilitation Service, Washington, D. C., Evaluation Project (to be known as Project No. 3269-A2 - Ext. #1 - Office of Academic Affairs, Mershon Center for Education in National Security).  
Gross Value - \$421,470.00.
- m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis (to be known as Project 3292-A2 - Ext. #1 - Department of Chemistry).  
Gross Value - \$34,675.00.
- n. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as Project No. 3303-A1 - Sponsor ltr. dtd. 7/20/72 - Department of Biochemistry).  
Gross Value - \$20,000.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- o. Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., Service Organizations and Clients (to be known as Project No. 3441-A1 - Rev. Award dtd. 5/31/72 - Office of Academic Affairs, Mershon Center for Education in National Security).  
Gross Value - \$5,880.00.
- p. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Aspects of Decision Theory with Applications to Target Recognition and Digital Communications (to be known as Project No. 3444-A1 - Mod. #AFOSR-72-2351A - Department of Computer and Information Science).  
Gross Value - \$6,162.00.
- q. 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 (to be known as Project No. 3477-A1 - New - Department of Biochemistry).  
Gross Value - \$29,696.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Immunology of Oviducal and Uterine Fluid Proteins (to be known as Project No. 3483-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$77,796.00.
- s. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Metabolic Characteristics of Cellular Immune Response (to be known as Project No. 3488-A1 - New - Department of Medicine).  
Gross Value - \$36,617.00.
- t. Department of Transportation, Urban Mass Transportation Administration, Washington, D. C., Program Director - Urban Transportation Institutional Grant, Research Training Proposal (to be known as Project No. 3491-A1 - New - Department of Industrial and Systems Engineering).  
Gross Value - \$11,952.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- u. Department of Transportation, Urban Mass Transportation Administration, Washington, D. C., Training Sub-Account under R. F. 3491-A1 (to be known as Project No. 3491-B1 - New - Department of Industrial and Systems Engineering).  
Gross Value - \$35,259.00.
- v. Department of Transportation, Urban Mass Transportation Administration, Washington, D. C. Research Sub-Account under R. F. 3491-A1 (to be known as Project No. 3491-C1 - New - Academic Faculty of Marketing).  
Gross Value - \$54,160.00.
- w. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Exploratory Study - Cancer Research Center (to be known as Project No. 3493-A1 - New - College of Medicine).  
Gross Value - \$154,617.00.
- x. Department of Agriculture, Agriculture Research Service, Hyattsville, Maryland, Isolation and Characterization of the Inhibitor of Ceratomyx ulmi (Buis.) C. Moreau Present in Seeds and Seedlings of Ulmus americana L. (to be known as Project No. 3499-A1 - New - College of Pharmacy).  
Gross Value - \$54,625.00.
- y. Department of Commerce, National Oceanic and Atmospheric Administration, Boulder, Colorado, High Resolution Investigation of the Infrared Transmittance of Long Atmospheric Path Lengths and of Individual Atmospheric Gases (to be known as Project No. 3501-A1 - New - Department of Physics).  
Gross Value - \$24,612.00.
- z. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spin-Label Investigation of Enzyme Conformation (to be known as Project No. 3506-A1 - New - Department of Chemistry).  
Gross Value - \$21,426.00.
- aa. National Science Foundation, Washington, D. C., Support of a Computer Science Conference (to be known as Project No. 3513-A1 - New - Department of Computer and Information Science).  
Gross Value - \$20,100.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- bb. National Science Foundation, Washington, D. C., Computer Analysis of Presidential Texts (to be known as Project No. 3516-A1 - New - Department of Political Science).  
Gross Value - \$15,400.00.
- cc. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, Health Professions Special Project Grant Program (to be known as Project No. 3517-A1 - New - School of Allied Medical Professions and Department of Medicine).  
Gross Value - \$450,244.00.

TOTAL - Government Research Grants - Federal \$1,687,470.00

5. Government Research Grants - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-G - Ext. #7 - Department of Pediatrics).  
Gross Value - \$54,000.00.
- b. State of Ohio, Department of Health, Columbus, Ohio, Family Clinic - Infertility Clinic (to be known as Project No. 3509-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$27,708.00.
- c. State of Ohio, Department of Health, Columbus, Ohio, Family Planning Clinic (to be known as Project No. 3510-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$70,010.00.

TOTAL - Government Research Grants - State \$151,718.00

6. Industrial and Other Research Grants

- a. American Otological Society, St. Louis, Missouri, The Morphology and Mineralization of Otosclerosis: A Scanning Electron Microscopic and Electron Microprobe Analytical Study (to be known as Project No. 2789-C - Ext. #3 - Department of Otolaryngology).  
Gross Value - \$11,050.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

6. Industrial and Other Research Grants (continued)

- b. Robert A. Taft Water Research Center, Water Quality Office, Environmental Protection Agency, Cincinnati, Ohio, Automated System for Water Pollution Control from an Animal Production Unit (to be known as Project No. 2980-A - Document dtd. 5/12/72 - Department of Agricultural Engineering).  
Gross Value - \$43,050.00.
- c. National Endowment for the Humanities, Washington, D. C., A Complete Vocabulary of the Works of Wace and of all Extant Old French Versions of the Brut in Verse (to be known as Project No. 3500-A1 - New - Department of Romance Languages and Literature).  
Gross Value - \$26,412.00.
- d. National Endowment for the Humanities, Washington, D. C., The Study of Epigraphical Hands (to be known as Project No. 3502-A1 - New - Department of Classics).  
Gross Value - \$14,355.00.
- e. National Endowment for the Humanities, Washington, D. C., Hilander Slavic Manuscripts Catalogue (to be known as Project No. 3505-A1 - New - Department of Slavic Languages and Literatures).  
Gross Value - \$14,237.00.
- f. National Endowment for the Humanities, Washington, D. C., The Ohio State University Program on Interrelationships Between History of Philosophy/History of Scientific Theories (to be known as Project No. 3508-A1 - New - Department of Philosophy).  
Gross Value - \$25,000.00.
- g. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Role of Polyamines in Tumor Initiation (to be known as Project No. 3512-A1 - New - Department of Microbiology).  
Gross Value - \$5,000.00.
- h. American Chemical Society, The Petroleum Research Fund, Washington, D. C., Inside-Outside and Inside-Inside Bicyclics (to be known as Project No. 3514-A1 - New - Department of Chemistry).  
Gross Value - \$20,000.00.

TOTAL - Industrial and Other Research Grants \$159,104.00

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: June 16, 1972 - August 11, 1972)

	No. of Projects	Gross Value
Government Research Contracts	6	\$116,835.00
Industrial Research Contract	<u>1</u>	<u>20,000.00</u>
Totals	7	\$136,835.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contracts

EES 415X	Distribution of Trace Elements in Water and River Sediments in Ohio, U. S. Department of the Interior, Washington, D. C. Gross Value - \$9,119.00.
EES 416X	The Effects of Bacterial Methane Fixation on Lake Eutrophication, U. S. Department of the Interior, Washington, D. C. Gross Value - \$6,700.00.
EES 417X	Trace Metal Detection in Aquatic Environments by Activation Analysis of an Invertebrate Organism, U. S. Department of the Interior, Washington, D. C. Gross Value - \$14,800.00.
EES 420X	Oxidation of Ammonia by Ferrates (VI) and (IV) in Water, U. S. Department of the Interior, Washington, D. C. Gross Value - \$6,393.00.
EES 422X	Institute Director's Office, U. S. Department of the Interior, Washington, D. C. Gross Value - \$29,503.00.
EES 423X	A System Analysis of the Western Basin of Lake Erie - Phase IV, U. S. Department of the Interior, Washington, D. C. Gross Value - \$50,320.00.

TOTAL - Government Research Contracts \$116,835.00

2. Industrial Research Contract

EES 426X	Evaluation of Fire Safety in the Design and Construction of the Cleveland, Cuyahoga County Judicial Center, Prindle, Patrick and Partners, Cleveland, Ohio. Gross Value - \$20,000.00.
----------	---

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: June, 1972 and July, 1972)

Grants  
Office of Finance and Treasurer \$7,869,601.57

Gifts  
The Ohio State University Development Fund - June

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,235	\$ 282,562.49
Individuals Other than Alumni	230	97,620.50
Business Concerns	51	170,294.70
Foundations and Nonprofit Organizations	<u>68</u>	<u>133,247.89</u>
Totals	3,584	\$ 683,725.58

The Ohio State University Development Fund - July

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,914	\$ 200,173.87
Individuals Other than Alumni	119	47,086.50
Business Concerns	24	115,480.00
Foundations and Nonprofit Organizations	<u>28</u>	<u>40,494.58</u>
Totals	4,085	\$ 403,234.95

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Fiscal Year: July 1, 1971 through June 30, 1972)

<u>Gifts</u>		
	<u>Number of</u>	<u>Amount</u>
	<u>Gifts</u>	
The Ohio State University Development Fund		
Alumni	27,404	\$2,322,924.62
Individuals Other than Alumni	4,998	762,055.97
Business Concerns	467	1,158,510.88
Foundations and Nonprofit Organizations	<u>590</u>	<u>1,111,551.41</u>
Totals	33,459	\$5,355,042.88

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,480,202.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00142-07)
2. \$1,200,886.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00378-07)
3. \$637,202.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00526-03)
4. \$606,874.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland, to the University for Mental Retardation Training, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Project No. 922)
5. \$379,402.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 1 7 45 0430 15 1)
6. \$291,986.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 2 7 45 0430 15 1)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. \$245,400.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for Training of Professional Personnel in the Education of the Handicapped, for the period June 19, 1972 through June 30, 1973; \$182,400.00 under the direction of the College of Education, Academic Faculty for Exceptional Children; \$37,000.00 under the direction of the School of Health, Physical Education and Recreation; and, \$26,000.00 under the direction of the Nisonger Center. (Grant No. OEG-0-72-4136 and OEG-0-72-4136, Revision No. 1)
8. \$212,354.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 7 7 45 0430 15 1)
9. \$165,620.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00455-03)
10. \$159,464.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I. D. No. B 7 45 0430 15 1)
11. 148,100.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program - Baccalaureate, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 E04 NU01080-01)
12. \$141,404.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Training Program, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 HL05968-01)

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

13. \$136,630.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00614-07)
14. \$134,974.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Division of Developmental Disabilities, Chicago, Illinois, to the University for University Affiliated Facilities - Administrative Support, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. 59-P-25294/5-01)
15. \$125,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Training, Chicago, Illinois, to the University for Home Training Consultants, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 55-P-25182/5-02)
16. \$124,999.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Model Demonstration Project - Handicapped Children's Early Education Program, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. OEG-0-71-4375, Revision No. 1)
17. \$117,400.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 44-P-25122/5-11)
18. \$116,736.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH12394-03)
19. \$96,108.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 4 7 45 0430 15 1)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

20. \$76,849.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (I. D. No. 5 7 45 0430 15 1)
21. \$75,000.00 additional grant by the U. S. Department of Labor, Manpower Administration, Washington, D. C., to the University for Manpower Research Institutional Grant, under the direction of the College of Administrative Science - Division of Research, for the period August 1, 1972 through July 31, 1973. (Grant No. 31-37-70-05, Modification No. 3)
22. \$73,818.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE 02043-01)
23. \$73,319.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Family Centered Practicum - Developmental Disabilities, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D12 AH00135-02)
24. \$67,460.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Design, Implement, and Evaluation Curriculum for Bachelor of Science in Nursing Degree, under the direction of the School of Nursing, for the period August 1, 1972 through July 31, 1973. (Grant No. 5 D10 NU00319-05)
25. \$60,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Slavic and East European Studies, under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1972 through June 30, 1973. (Grant No. OEC-0-72-1864)
26. \$57,036.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Division of Developmental Disabilities, Chicago, Illinois, to the University for National Focus for UAF Consortium, under the direction of the Nisonger Center, for the period June 1, 1972 through May 31, 1973. (Grant No. 56-P-71010/5-01)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

27. \$54,551.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training-Dental, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T12 CA08129-06)
28. \$53,536.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Communications Division, under the direction of the School for Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D12 AH00340-02)
29. \$51,180.00 granted by the State of Ohio, Department of Health, Columbus, Ohio, to the University for Continuing Education of Health Professionals, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973.
30. \$47,434.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE02044-01)
31. \$45,848.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training Grant in Endocrinology and Metabolism, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AM05118-16)
32. \$41,501.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work-Corrections, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH08254-10)
33. \$39,495.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Project Identification No. CP - T 000022-04-1)
34. \$38,583.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Teaching Skill Institute for Pharmacy Educators, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A15 PE05002-01)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

35. \$38,161.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry Child-Training Grant, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH11296-05)
36. \$31,700.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Psychology, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH12349-02)
37. \$28,905.00 granted by the State of Ohio, Department of Health, Columbus, Ohio, to the University for Field Service in Speech and Language for Aphasics, under the direction of the Department of Speech Communications, for the period July 1, 1972 through June 30, 1973.
38. \$27,676.00 granted by Action, Washington, D. C., to the University for the training of students for Peace Corps Service in Tunisia in Agriculture, Forestry, and Related Fields, for the period July 1, 1972 through June 30, 1973. (Contract No. 73-042-0001, Amendment No. 1)
39. \$25,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for A Model for Acquisition and Selection of Career Education Instructional Materials, under the direction of the Center for Vocational and Technical Education, for the period June 26, 1972 through June 25, 1973. (Grant No. OEG-0-72-4840)
40. \$23,445.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program - Graduate, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 E04 NU01081-01)
41. \$23,396.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Nursing, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I. D. No. G 7 45 0410 15 1)
42. \$22,000.00 additional grant by Department of State, Agency for International Development, Washington, D. C., to the University for the AID Technical Assistance Program in India, under the direction of the College of Agriculture and Home Economics, for the period ending September 30, 1972. (Contract No. AID/nesa-148 India)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

43. \$22,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pathology of Myocardial Hypertrophy and Failure, under the direction of the Department of Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 K04 HL70248-01)
44. \$21,768.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Development Award-Research Career Program, Chromosome: Regulation, Organization and Function, under the direction of the Department of Microbiology, for the period January 1, 1973 through December 31, 1973. (Grant No. 1 K04 GM70300-01)
45. \$20,799.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Orthopaedic Education for Medical School Careers, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 AM05695-01)
46. \$20,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Competency Based Model for Preparation of Teachers of Very Young Handicapped Children, under the direction of the School of Home Economics, for the period June 19, 1972 through June 30, 1973. (Grant No. OEG-0-72-4296)
47. \$18,628.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Manpower, Development and Training, Chicago, Illinois, to the University for Comprehensive Education for Social and Rehabilitation Services, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 46-P-25230/5-01)
48. \$16,204.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH10778-06)
49. \$16,200.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for A Pilot Study of the Kinetics of an Atomic Power Reactor Effluent into a Freshwater Marsh, under the direction of the Department of Zoology, for the period July 1, 1972 through June 30, 1973. (Project No. W-104-R-15, Study VIII, Jobs 8-a, 8-b and 8-c)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

50. \$15,000.00 additional grant by Agency for International Development, Washington, D. C., to the University for the Administration of Purchasing, Inventory Management, and Maintenance Management, under the direction of the College of Administrative Science, Division of Continuing Education, with an expiration date of May 31, 1973. (Grant No. AID/csd-1571)
51. \$13,327.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for Training Program in Rehabilitation Nursing, for the period July 1, 1972 through June 30, 1973.
52. \$11,192.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. to the University for Graduate Training Program in the Sociology of Education and Community, under the direction of the Department of Sociology, for the period June 1, 1972 through August 31, 1973. (Grant No. OEG-0-72-4703)
53. \$10,050.00 granted by The Ford Foundation, New York, New York, to the University for two Black American Doctoral Fellowships, under the direction of the Graduate School, for the academic year 1972-73. (Project No. 719-0021)
54. \$9,774.00 granted by Department of Health, Education, and Welfare, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland, to the University for UAF Pediatric Component Workshop, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Project No. 482)
55. \$9,600.00 granted by The Ford Foundation, New York, New York, to the University for two Advanced Study Fellowships for Black Americans, under the direction of the Graduate School, for the academic year 1972-73. (Project No. 719-0022)
56. \$9,268.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Instructional Equipment Grants Program, under the direction of the Department of Classics, for the fiscal year 1972-73. (Project No. 06-074027)
57. \$9,072.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatry, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH05924-22)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

58. \$8,775.00 granted by Department of Health, Education, and Welfare, Division of Health Services, Maternal and Child Health Service, Rockville, Maryland, to the University for Instructional Development Workshop for U. A. F. 's, under the direction of the Nisonger Center, for the period June 15, 1972 through December 31, 1972. (Project No. 483)
59. \$8,288.57 granted by the Regents of the University of California, UCLA, Los Angeles, California, to the University for Clearinghouse Project, under the direction of the Center for Vocational and Technical Education, for the period April 1, 1972 through November 30, 1972. (Grant No. OEC-4-6-002482-1580)
60. \$7,100.00 granted by the National Science Foundation, Washington, D. C., to the University for purchase of Instructional Scientific Equipment, under the direction of the Department of Computer and Information Science, with an expiration date of June 30, 1974. (Grant No. GY-10273, Proposal No. 2/6177)
61. \$6,300.00 granted by U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for study of Bioaccumulation of Toxic Metals and Herons of Southwestern Lake Erie, under the direction of the Department of Zoology, Ohio Cooperative Wildlife Research Unit. (Contract No. 14-16-0008-1088)
62. \$5,000.00 granted by Columbia Gas System Service Corporation, Wilmington, Delaware, to the University for consultant services relevant to the Columbia Gas System Hearing Conservation Program, under the direction of the Department of Speech Communications, for the academic year 1972-73.
63. \$4,945.00 granted by the Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for the Study of Stripmine Habitat in Ohio, under the direction of the Department of Zoology, Ohio Cooperative Wildlife Research Unit, for the period June 1, 1972 through June 30, 1973. (Contract No. 14-16-0008-1075)
64. \$3,630.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH06375-016)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

65. \$3,348.00 granted by the U. S. Environmental Protection Agency, Washington, D. C., to the University for Air Quality Workshop, under the direction of the Atmospheric Sciences Program, for the period July 1, 1972 through June 30, 1973. (Grant No. T 900303)
66. \$2,699.00 granted by The Ford Foundation, New York, New York, to the University for a dissertation fellowship in ethnic studies, under the direction of the Department of Political Science, for the academic year 1972-73. (Project No. 729-0185)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund

1. \$266,779.52 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$177,849.61 to be added to the Student Memorial Fund in the College of Dentistry and \$88,929.91 to be added to the Snyder Research Memorial Fund in the College of Medicine.
2. \$50,234.94 from Associates of Medicine, Columbus, Ohio, for their fund in the Department of Medicine.
3. \$35,000.00 from Eli Lilly & Company, Indianapolis, Indiana--\$30,000.00 for infectious disease research and \$5,000.00 for medical microbiology research.
4. \$25,000.00 from The International Nickel Company of Canada, Ltd., New York, New York, for its Professorship in Corrosion Science and Engineering.
5. \$25,000.00 from the Yassenoff Foundation, Columbus, Ohio, in support of philosophy and Jewish studies.
6. \$23,248.50 from Grand Chapter of Ohio, Order of the Eastern Star, Oberlin, Ohio, for cancer research.
7. \$16,180.00 from Procter & Gamble Company, Cincinnati, Ohio--\$10,200.00 for its fellowship in Physiological Chemistry and \$5,980.00 for its fellowship in Chemical Engineering.
8. \$15,000.00 from the Bremer Foundation, Youngstown, Ohio, in support of research in the College of Medicine.
9. \$15,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for research in the Department of Agronomy.
10. \$14,950.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund (continued)

11. \$12,000.00 from the Educational Endowment Fund of Kappa Kappa Gamma, Columbus, Ohio, for its fellowship for rehabilitation medicine.
12. \$11,000.00 from Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, for fellowships in the Department of Medicine.
13. \$10,000.00 from Burton Rubber Processing, Inc., Burton, Ohio, for the University Activities Center.
14. \$10,000.00 from Greater Cincinnati Foundation, Cincinnati, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.
15. \$10,000.00 from International Copper Research Association, Inc., New York, New York, for its fellowship in Welding Engineering.
16. \$9,000.00 from Merrell-National Laboratories, Cincinnati, Ohio, for its Gastroenterology Research Fund.
17. \$9,000.00 from Mr. and Mrs. Harold F. Zieg, Columbus, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.
18. \$7,267.15 from NAPA Purchasing Educational Foundation, Inc., New York, New York, for doctoral grants and/or fellowships in the College of Administrative Science - Academic Faculty of Management Science, field of purchasing.
19. \$7,045.00 from Mr. and Mrs. Ralph Kurtz, Tampa, Florida, for research in the College of Medicine.
20. \$6,000.00 from Miles Laboratories, Inc., Elkhart, Indiana, for Allergy and Pharmacologic Research.
21. \$5,000.00 from Armco Foundation, Middletown, Ohio, for its Professorship in Metallurgy.
22. \$5,000.00 from Calgon Corporation, Pittsburgh, Pennsylvania, to support graduate research in the Department of Food Science and Nutrition.
23. \$5,000.00 from W. Alton Jones Foundation, Inc., New York, New York, for scholarships in the Department of Animal Science.
24. \$5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for the Modernization of the College of Education's Business Education Library.
25. \$5,000.00 from Organon, Inc., West Orange, New Jersey, for renal disease research.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund (continued)

26. \$5,000.00 from The Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for its fellowship fund in the College of Medicine.
27. \$5,000.00 from The R. C. A. Rubber Company, Akron, Ohio, for the University Activities Center.
28. \$5,000.00 from Rohm & Haas Company, Philadelphia, Pennsylvania, for its research fund in Chemistry.
29. \$5,000.00 from Upjohn Company, Kalamazoo, Michigan, for gastro-enterology research.

C. Gift-in-Kind

1. A Beechcraft airplane from Beasley Industries, Inc., Hilliard, Ohio.

D. Establishment of Named Funds

1. \$17,392.46 for the establishment of the Hazel C. Youngberg Memorial Fund.

Hazel C. Youngberg Memorial Fund

The Hazel C. Youngberg Memorial Fund was established September 8, 1972, 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 Hazel C. Youngberg, B.A. '08, late of San Francisco, California.

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

The principal and/or income may be used at the discretion of the Board of Trustees.

2. \$2,500.00 for the establishment of the Kenneth G. Hornung Memorial Scholarship Fund.

Kenneth G. Hornung Memorial Scholarship Fund

The Kenneth G. Hornung Memorial Scholarship Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, friends, colleagues, and former students of Kenneth

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

2. Kenneth G. Hornung Memorial Scholarship Fund (continued)

G. Hornung, B. M. E. '52, M. S. '52, Ph. D. '59, late of Columbus, Ohio, a member of the faculty of the Department of Mechanical Engineering at the time of his death in 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 University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to entering Freshmen who indicate a strong interest in pursuing the Mechanical Engineering program at The Ohio State University. Selection is to be made by the University Scholarship Committee, upon the recommendation of the Chairman of the Department of Mechanical Engineering.

Should the Department of Mechanical 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 of the appropriate administrative official of the University who is then directly responsible for mechanical engineering education.

3. \$1,185.00 for the establishment of the Harvey Walker, Sr., Memorial Fund in Political Science.

Harvey Walker, Sr., Memorial Fund in Political Science

The Harvey Walker, Sr., Memorial Fund in Political Science was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, colleagues and friends of Harvey Walker, Sr., J. D. '48, Professor Emeritus, Department of Political Science, late of Worthington, Ohio.

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

The annual income is to be used to finance a fellowship or fellowships for outstanding students in Political Science or for any other purpose that will advance the study of Political Science at The Ohio State University, as determined by a three-member administrative committee appointed by the President of the University.

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

3. Harvey Walker, Sr., Memorial Fund in Political Science (continued)

Should the Department of Political Science 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 of the appropriate administrative official of the University who is then directly responsible for political science education.

4. \$1,005.50 for the establishment of the Inez Prudent Book Fund.

Inez Prudent Book Fund

The Inez Prudent Book Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund in memory of Dr. Inez Prudent, former chairman of the Food and Nutrition Division, School of Home Economics, College of Agriculture and Home Economics.

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

The income is to be used annually or bi-annually to purchase current books, periodicals or other scholarly materials of special interest to students and faculty in the Food and Nutrition Division of the School of Home Economics. In the event that the Home Economics Library facilities be enlarged in the near future, the principal may be drawn on or entirely used to establish a more complete library of reference materials.

5. \$1,000.00 for the establishment of the Miriam R. and Benjamin Balshone Awards for Pharmacy.

Miriam R. and Benjamin Balshone Awards for Pharmacy

The Miriam R. and Benjamin Balshone Awards for Pharmacy were established September 8, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Benjamin Balshone, B.Sc. Pharmacy '40, and Miriam R. Balshone (Mrs. Benjamin), Commerce W'40, Columbus, Ohio, honoring and memorializing their parents, Mr. and Mrs. Joseph Balshone and Mr. and Mrs. Herman Rosenthal.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

5. Miriam R. and Benjamin Balshone Awards for Pharmacy (continued)

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

One-half of the annual income is to be awarded to the Senior in the College of Pharmacy who is most likely to succeed in community pharmacy. The award is to be at least \$100 per year and is to be known as the "Benjamin Balshone Award."

One-half of the annual income is to be awarded to a member of the College of Pharmacy faculty, selected for recognition for good teaching. This annual award is to be known as the "Miriam R. Balshone Award for Distinguished Teaching"; the amount of the award is to be a minimum of \$100 per year.

Selection of the winners of each of these annual awards is to be made under the direction of the Dean of the College of Pharmacy, according to criteria on file with the Dean and agreed to between Mr. Balshone and the Dean.

Should the College of Pharmacy cease to exist through any reorganization of the University, then the awardees are to be selected by the appropriate administrative official of the University who is then directly responsible for education in pharmacy.

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Boilers 6 & 7 (McCracken Power Plant)--  
Elimination of Atmospheric Pollution

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$127,900.00	\$142,149.53	\$14,249.53

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Boilers 6 & 7 (McCracken Power Plant)--  
Elimination of Atmospheric Pollution (continued)

Revisions were made to the original specifications to add improvements to more effectively reduce air pollution.

Funds for these revisions have been provided by Budget Account 801179 (Power Plant Boilers 6 and 7).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\* \* \*

VI. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. McCracken Power Plant--Additional Fuel-Oil Storage Tanks

Due to the current energy crisis, resulting in a possible curtailment of natural gas to the University, it is essential that we have on hand adequate fuel-oil reserves to sustain the operation of McCracken Power Plant during the curtailment period. This project will provide an additional 250,000 gallons of fuel-oil storage for a total capacity of 610,000 gallons.

Funds for this project have been provided from Budget Account 801270 (Power Plant-Fuel-Oil Storage Tanks).

B. University Hall Complex

The University Hall Complex consists of a reconstructed University Hall, an Office Building, and an Auditorium Building with the latter being bid as an additive alternate.

Funds for this project have been provided from HB 531, Item 315-078, HB 988, Item 315-078.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

September 8, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Erection of Educational Television Tower and Associated Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (1 bid received 7-12-72) Stainless, Inc. (North Wales, Pa.)		
Base bid	\$173,400.00	\$226,000.00
Option 3, Additional support for tower	<u>16,705.00</u>	
Total Contract	<u>\$190,105.00</u>	<u>\$226,000.00</u>

Funds for this project have been provided from Budget Accounts 801239 (WOSU-TV Improvements) and 134431 (WOSU Equipment).

B. University Hospital--Renovation of 11th Floor West

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 7-28-72) Rebid A. L. Meyer Construction Co. (Columbus)	\$ 30,437.00	\$ 36,000.00
<u>Plumbing Contract</u> (2 bids received 7-20-72) R. H. Reeb Plumbing Company (Columbus)	27,362.00	55,876.00
<u>Heating, Ventilating, and Air Conditioning Contract</u> (2 bids received 7-20-72) Limbach Company (Columbus)	<u>32,800.00</u>	<u>38,057.00</u>
Total All Contracts	<u>\$ 90,599.00</u>	<u>\$129,933.00</u>

Funds for this project have been provided from Budget Account 801257 (Air Condition and Remodel 11th Floor West, University Hospital).

September 8, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Stillman Hall Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 9-1-72)		
Leopold Construction (Columbus)		
Base bid	\$ 20,300.00	\$ 38,000.00
 <u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(4 bids received 9-1-72)		
Julian Speer Company (Columbus)		
Base bid	\$ 21,160.00	27,585.00
Alt. M-1 Air condition basement	+ 9,770.00	+ 13,255.00
 Total Contract	 \$ 30,930.00	 \$ 40,840.00
 <u>Electrical Contract</u>		
(8 bids received 9-1-72)		
Reco Electric, Inc. (Columbus)		
Base bid	16,750.00	39,815.00
Alt. E-1 Electrical connections for M-1	- 1,650.00	+ 1,750.00
 Total Contract	 \$ 18,400.00	 \$ 41,565.00
 <u>Total All Contracts</u>	 \$ 69,630.00	 \$105,400.00

Funds for this project have been provided from Budget Account 801260; HB 531, Item 315-074; HB 988, Item 315-074.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations ratified by unanimous roll call vote.

\*

\*

\*

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

- 18 Approves the release of \$172,140 from HB 988, Item 315-074 (Utilities and Renovations) to purchase the necessary switchgear to construct facilities to receive power from the Columbus and Southern Ohio Electric Company as a part of the project, "Electrical System Expansion."

VII. CONTROLLING BOARD REQUESTS (continued)

- 19 Approves the award of contracts for the General, Plumbing, Heating, and Air Conditioning, and the Electrical Contracts on the project, "University College, Building No. 13" notwithstanding the fact that the electrical contract low bid was over the estimate of cost and the release of \$2,740,890 from HB 988, Item 315-067 (University College Phase III) to provide funds for construction, equipment and contingencies to complete the project.
- 20 Approves the release of \$183,000 from HB 988, Item 315-085 "The Ohio State University (in cooperation with the Central Ohio Technical Institute, Newark)" to purchase equipment for the new Central Ohio Technical Institute in Newark, Ohio.
- 1 Approves the release of \$102,602 from HB 988, Item 315-068 for "College of Agriculture: Land, Barns and Teaching Facilities" for construction of fences needed and to complete the purchase of fixed equipment for the project "Animal Sciences Livestock Center."
- 2 Approves the purchase of the Charles S. Berry property 151-163 West 11th Avenue in the City of Columbus, Franklin County, at a cost of \$91,000.
- 3 Approves the purchase of the Charles S. Berry and George Elum property, 114 West 10th Avenue, in the City of Columbus, Franklin County, at a cost of \$19,250.
- 4 Approves the release of \$50,000 for removal of architectural barriers on The Ohio State University Campus to aid the handicapped.

\*

\*

\*

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Purchase of Buildings and Property - South Campus

President Enarson recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 22, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 114 West 10th Avenue from Charles S. Berry and George Elum at a purchase price of \$19,250.

Lots No. 12 and 13, John A. Evan's College View Addition, and one lot in Reserve A, University Heights Addition, Columbus, Franklin County, Ohio, and more commonly known as 151-163 West 11th Avenue from Charles S. Berry at a purchase price of \$91,000.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Purchase of Buildings and Property - South Campus (continued)

The parcels will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 (Land) for the purchase of the properties. This purchase is in conformity with our Master Plan and the projected revisions which an approval will be requested at the October meeting of this Board.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

B. Upham Hall, Air Conditioning and Electrical Improvement  
Employment of Engineers

President Enarson recommended that the engineering firm of W. E. Monks and Company, Columbus, Ohio, be employed to provide complete professional engineering services for the above project, including design, preparation of drawings, specifications, estimate of cost, and field supervision as required.

This project will include the complete electrical renovation of Upham Hall, including new distribution systems and the completion of building air conditioning by means of through-wall units. Also included is the required ancillary general work associated with the program such as demolition, masonry, and surface patching and redecoration.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works. Fee calculation estimated to be 6 percent of the total project estimate of \$358,917, plus \$2,500 to be held in reserve for field services, if required. Therefore, the total estimate for the engineering for this project is \$24,035. Funds for this work have been provided from Budget Account 801267 (Hospital Capital Reserve).

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

C. Improvement Projects for the Handicapped

The Ohio State University is well aware of the situation with respect to the needs of the handicapped in terms of facilities, accessibility, and convenience. In recent years all new construction and major remodeling projects have considered these needs and satisfied them within guidelines contained in the Ohio Building Code since January, 1967. This campus contains a great number of older buildings which are intensively used for teaching or employment which are not suitable for use of the handicapped. The existing street pattern provides severe obstructions to accessibility and mobility. Finally, the great size of the campus affords problems in terms of time and distance for those unable to drive or utilize standard transportation systems.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Improvement Projects for the Handicapped (continued)

Improvement projects to service the handicapped include access ramps, modification of elevators, and purchase of vans. Funds for these improvements projects are available as follows: The Controlling Board has authorized the expenditure of \$50,000.00 from University funds, the Class of 1972 has collected \$24,912.00, and the Ohio Rehabilitation Services Commission has provided approximately \$300,000.00 for the proposed work on this project.

President Enarson recommended that the above outlined projects and expenditure of funds be approved.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

President Enarson pledged his "personal commitment" to removing campus barriers to handicapped students.

\*

\*

\*

X. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Herbert Herndon Baumer, Professor Emeritus in the School of Architecture; Loetta Lovejoy Hunt, Professor in the College of Education; Ormann R. Keyser, Instructor Emeritus in the Cooperative Extension Service; Florence L. Lloyd, Professor Emeritus in the School of Home Economics; and Herbert Anderson Toops, Professor Emeritus in the Department of Psychology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Herbert Herndon Baumer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 14, 1972, of Herbert Herndon Baumer, Professor Emeritus in the School of Architecture.

Professor Baumer was born in Montgomery, Alabama, on October 31, 1885. He was enrolled in a formal curriculum in architecture at George Washington University, Washington, D. C., while studying privately with Mr. Nathan Wyeth, a graduate of the Ecole des Beaux-Arts in Paris. Before entering the latter school himself in 1911, he served in Panama for four years as an architect in the office of the Chief Engineer of the Panama Canal. Extensive travel and professional experience were

X. RESOLUTIONS IN MEMORIAM (continued)

A. Herbert Herndon Baumer (continued)

interspersed with Mr. Baumer's formal studies at the Ecole des Beaux-Arts, where he was a member of the Atelier Bernier-Pontremoli. Shortly after arrival of the first American troops in France, he was commissioned First Lieutenant of Engineers, U. S. Army. At the end of World War I, having been placed on inactive duty with the rank of Captain, he resumed his studies at the Ecole des Beaux-Arts and his professional work in the office of Achille Duchene, a prominent architect in Paris. He was awarded the "diplome d'architecte" in 1921, and a year later returned to the United States.

From 1923 until his retirement in 1956, Professor Baumer was an active participant in the affairs of The Ohio State University. His professional work on the Campus, executed under an appointment for collateral duty as assistant to University Architect Joseph N. Bradford, includes designs for Arps, Derby, Hamilton, and Pomerene Halls, McPherson Laboratory, the former Archaeological Museum, and Browning Theatre. National recognition and publicity marked the opening of science buildings designed by Professor Baumer for The Ohio State University, Antioch College, and Wittenberg College. In 1946, as Lieutenant Colonel, he was awarded the U. S. Army Commendation Ribbon in recognition of outstanding performance of duties as Chief of the Planning Section, Air Installations Division, Air Service Command, during World War II. In 1964, Professor Baumer was named a Fellow of the American Institute of Architects.

Alumni and colleagues are inclined to remember the substance of Professor Baumer's day-to-day lessons even more clearly than the acknowledged excellence of his professional work. In particular, his courses in the theory of architecture and his individual instruction in architectural design have earned for him that special blend of respect and gratitude which is reserved for the truly great teacher.

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

B. Loetta Lovejoy Hunt

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 21, 1972, of Loetta L. Hunt, Professor in the College of Education.

Mrs. Hunt joined the faculty at The Ohio State University in 1952. She had served, prior to that time, as a teacher in special education, beginning in 1927. Her area of specialty was the education of blind and visually impaired children. While on the faculty, she developed the present teacher preparation program in that area. It remains, today, the only such program in the State of Ohio.

September 8, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Loetta Lovejoy Hunt (continued)

Mrs. Hunt received her bachelor's degree from Kent State University in 1934, and five years later, a master's degree in education from the University of Pittsburgh. She did advanced graduate work at the University of Cincinnati.

Mrs. Hunt was a member of numerous professional groups and was very active in those specializing in the education of exceptional children and youth. She was a life member of the Council for Exceptional Children and had served as President of the local chapter.

Mrs. Hunt was noted for her devotion to her students and to the Faculty for Exceptional Children. She will be missed and remembered by many students, colleagues, and friends.

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.

C. Ormann R. Keyser

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 25, 1972, of Ormann R. Keyser, Instructor Emeritus in the Cooperative Extension Service.

Mr. Keyser was born January 1, 1892, in Cleveland, Ohio. He spent the early years of his life on a farm, and graduated from high school in Homerville, Ohio, in 1910. He was engaged in farming, in addition to service in the U. S. Army prior to attending The Ohio State University where he received his B.Sc. degree in Agricultural Engineering in 1922. Additional graduate education courses were taken at The Ohio State University relating to his work in Cooperative Extension and to his favorite subject matter area of agricultural engineering.

From 1922 to 1923 Mr. Keyser was County Extension Agent in Adams County. On March 1, 1923, he transferred to the County Extension Agent position in Stark County, Ohio. This was the position he retired from on January 31, 1957, culminating 35 years of service to the University and to the people of Ohio.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Keyser earned and enjoyed the respect and admiration of the people of Stark County and of his fellow workers. His ability in planning and conducting educational programs was widely recognized. Throughout the years he championed the cause of the farmer and was particularly noted for his honest and forthright expression.

September 8, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Ormann R. Keyser (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Keyser 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. Keyser as a sincere expression of sympathy and respect.

D. Florence L. Lloyd

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 3, 1972, of Florence L. Lloyd, Professor Emeritus in the School of Home Economics.

Miss Lloyd was born in Havre, Montana, on December 21, 1911. She received her Bachelor of Science degree in home economics in 1932 and her Master of Science degree in 1934, both from Montana State University.

Miss Lloyd taught high school home economics in Glendive and Boseman, Montana, after graduation. In 1941 she joined the University of Iowa home economics faculty as a supervisor of student teachers. From 1944 to 1948 she was an Assistant Professor of home management and food at the University of Washington.

Miss Lloyd came to The Ohio State University as an Assistant Professor of home management in 1948. She attained the rank of Associate Professor in 1956. Upon her retirement due to illness in December, 1971, she was granted the title, Professor Emeritus. She gave leadership to the home management houses and to the management core course. Many innovations in these areas took place under her direction. Throughout the years she had a particular interest and concern for the role of women. This interest was reflected in her work with students and her professional and civic affiliations. Her major activities included Legislative Chairman for Ohio Home Economics Association, Coordinator for Commission on Status of Women-American Home Economics Association, Columbus Consumer Credit Counseling Service, Electrical Women's Roundtable and American Association University Women.

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.

E. Herbert Anderson Toops

The Board of Trustees expresses its sorrow at the death on August 12, 1972, of Herbert Anderson Toops, Professor Emeritus in the Department of Psychology.

September 8, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herbert Anderson Toops (continued)

Herbert Anderson Toops was born in Klousville, Ohio, on September 18, 1895. He attended Ohio Wesleyan University for two years 1912-1914, before transferring to The Ohio State University where he received both the A.B. and B.Sc. in Education degrees in 1916. He also received his M.A. from Ohio State in 1917. He received his Ph.D. degree in Psychology from Teacher's College of Columbia University in 1921.

Dr. Toops served as Research Associate at the Institute of Educational Research at Teachers College (Columbia) from 1921 to 1923. He came to Ohio State as Assistant Professor of Psychology in 1923. He was promoted to Professor in 1927 and served in that capacity until his retirement in 1965 when he became Professor Emeritus.

Dr. Toops founded the Quantitative Area of the Department of Psychology. His courses in elementary and advanced statistics, with emphasis upon correlational analysis, were used as a major and minor in that area and as elective courses for other graduate students in Psychology and many other behavioral science disciplines. He also taught courses in vocational guidance and in applied motivation. The IBM corporation, early recognizing his contributions in the area of data processing, donated free use of a computer to the Department of Psychology almost twenty years before the University had any other computer. He very early took over the administration of the University's aptitude testing program. In that connection, he developed the Ohio State Psychological Examination which he supervised through twenty-four revisions. As long time Chairman of the Department's Personnel Committee, he devised and administered a quantitative method for screening, selecting, and utilizing the department's graduate students.

Dr. Toops advised sixteen Ph.D. and twenty M.A. candidates to degrees during his forty-three year tenure. His first Ph.D. advisee stayed on at Ohio State for twenty years and founded the University's first vocational guidance center, later to become the Student Counseling Center. His second Ph.D. advisee returned to Ohio State as a Professor in 1948 and served as Chairman of the Department of Psychology (1960-1970). Another advisee became Chairman at the University of North Carolina and still another was Chairman at Iowa State University. The latter also served as Vice President for Student Affairs. Two of his advisees received honorary Alumni Awards at the recent University Centennial celebration.

Dr. Toops' Ohio State Psychological Examination was nationally recognized for its high validity. It was adopted as the official aptitude test by the Ohio College Association and Dr. Toops served that organization in an official capacity for many decades.

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herbert Anderson Toops (continued)

Dr. Toops served, during World War II, as Consultant to the Secretary of War in 1944 and as Consultant to the National Roster of Scientific and Specialized Personnel in 1945. He also served as Consultant to the U. S. Navy, 1947-1948, and for many years as a Consultant to the National Research Council in the area of questionnaire construction and analysis.

Dr. Toops was widely recognized for his many contributions in simplified computational methods in the field of statistics. His concepts of the addend and the ulstrith were major contributions in the field of data coding and storage. His Multiple Ratio method and his L method were pioneering landmarks in the areas of selecting tests for batteries and for selecting items for tests.

Dr. Toops was a member and/or fellow of over a dozen national learned and professional societies in the areas of Psychology, Statistics, and Sociology. These many memberships marked him as a man of wide theoretical and practical interests. He wrote several books and hundreds of articles and reports. Everyone who met and knew him was impressed by his creativity.

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.

\*

\*

\*

XI. REPORTS

A. Report from the Retirement and Insurance Committee

1. Post-retirement Benefits

Mr. Gushman, Chairman of the Retirement and Insurance Committee of the Board of Trustees, recommended that termination of pre-retirement death and health insurance coverage under the University's John Hancock contract coincide with the University's compulsory retirement date for employees, thereby providing that such coverage continue during the employee's covered employment with the University and terminate no later than 12:00 p. m. of the last day of the employee's contractual period with the University during which the employee attains age 70.

September 8, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

1. Post-retirement Benefits (continued)

The University post-retirement death and major medical benefits shall not become effective in respect to any individual until he shall have terminated covered O.S.U. employment and shall have met such other requirements as are then in effect in respect to such programs.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated September 8, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

President Enarson concluded the meeting by making the following statement:

I want to speak of some items which I think are of interesting consequence but which do not require Board action. Some are problems, some are achievements, some are matters of human interest, and some are just matters of my interest.

First I want to report that our four Regional Campuses have been fully accredited by the North Central Association. You may think, 'so what?' but I can assure you that John Mount did a superb job in preparing the necessary materials for the visits by the four North Central accrediting teams. I can assure you that it is profoundly embarrassing to a major University not to have its branch campuses accredited. This happened at the University of Colorado and it lost, as a result, substantial public support. Not only were our Regional Campuses accredited but the prose which was used in applauding our programs was pleasantly enthusiastic.

This is, as Chairman Eckley said, my first opportunity to report to the Board formally. I must say I have had an extraordinarily busy week. In fact, my personal biological clock suggests it's a month! Mrs. Enarson and I have been greeted with the greatest kindness and courtesy by people at every level of the organization and I thought you would like to know that.

As an amateur student at organization, I am always on the lookout for clues that tell you something about system and about people. I find it heartening when I arrive at the Administration Building at five minutes to eight each morning (except this morning when I forgot my glasses and had to go back and get here at ten minutes after eight) to find our personnel

September 8, 1972 meeting, Board of Trustees

President Enarson's statement (continued)

moving into the building with dispatch and with smiles on their faces. And I think that matters.

I suppose the awful truth is that I have fallen behind before I am even started in this job. The calendar fills up weeks ahead and this is before we have even gotten underway with the business of the University which is teaching and learning. We have almost the ideal condition of the University when there are only administrators and faculty around. It's the kind of thing that all of us really want in our hearts and never have. I can see that my objective of not being bound to the office and getting around the campus is going to be extraordinarily difficult to achieve.

In conclusion, I simply want to say that I hope that not only the Trustees but the faculty, my new colleagues on the administrative team, and certainly the students will have to bear with me as I learn about this extraordinarily complex, diverse, fascinating, highly productive University. And this will take time. I am heartened, however, by William Oxley Thompson's remark found in Pollard's book that says, 'He went into his office, he rolled up his sleeves, and he went to work.' And, that's what I am trying to do and with everybody's help, and if none of you will phone me for at least six months we will be in business.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, October 13, 1972, at the Williams Hall Conference Room, Ohio Agricultural Research and Development Center, Wooster, Ohio at 10:00 a. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

Page 172 Blank

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

Wooster, Ohio, October 13, 1972

The Board of Trustees met at its regular monthly meeting on Friday, October 13, 1972, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

---

REPORT BY CHAIRMAN

Mr. Eckley announced the appointment of Patricia D. James to the Special Committee on Presidential Housing.

---

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Campus Master Plan

It is proposed that the official comprehensive master plan map, adopted by the Board of Trustees on February 16, 1962, and amended on eight subsequent occasions, be amended further in the following ways and for the reasons indicated:

1. Planning studies have been completed for that area of the campus occupied by the College of Veterinary Medicine and the College of Agriculture and Home Economics to reflect revised programs and enrollment patterns which will necessitate modified building needs and land uses.
2. A study has been completed of that portion of the proposed campus loop road located generally south of 11th Avenue and east of Neil Avenue. This study was undertaken because this portion of the proposed campus loop road is the only section not entirely on land now owned by the University. It now appears prudent because of limited financial resources to locate the proposed road further north so as to contract the previously authorized land acquisition boundary for this project.

The map changes associated with these changes to the comprehensive master plan are shown on the accompanying map, and are totally consistent with the principles and concepts approved by the Board of Trustees in adopting the comprehensive master plan in 1962.

President Enarson recommended that the Board of Trustees now approve the comprehensive master plan changes as depicted on the accompanying map and the related policy regarding land acquisition, that all previous actions of the Board of Trustees with respect to the comprehensive master plan be reaffirmed, and that a copy of said map be filed by the Secretary with the "Campus Master Plan Study - Phase II" report submitted December 12, 1961.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget

In an effort to keep the Board of Trustees current on the University's financial situation, quarterly statements of major changes in the 1972-73 budget as approved on June 2, 1972, will be made during the year. For the first quarter, there were no major changes to either the budgeted income or budgeted expense with the single exception that the beginning balance originally estimated to be \$2,016,807 was actually \$3,763,612 due to unexpected increases in income sources and budget savings effected at the end of the 1971-72 period.

BUDGETED EXPENDITURES

	Original Budget June 2, 1972	Revised Budget September 30, 1972	Difference
General Budgets - Central Campus			
Personnel Services	\$101,394,972	\$101,394,972	-0-
Operating and Equip- ment	20,889,689	20,889,689	-0-
All Other	9,565,326	11,312,131	1,746,805
Ending General Reserve	<u>2,000,000</u>	<u>2,000,000</u>	<u>-0-</u>
Total	<u>\$133,849,987</u>	<u>\$135,596,792</u>	<u>\$1,746,805</u>
Regional Campuses	<u>\$ 5,396,387</u>	<u>\$ 5,396,387</u>	<u>-0-</u>
Restricted Budgets/ Expenditures	<u>\$ 48,205,000</u>	<u>\$ 48,205,000</u>	<u>-0-</u>
Rotary and Auxiliary Budgets	<u>\$ 86,644,000</u>	<u>\$ 86,644,000</u>	<u>-0-</u>
Grand Total	<u><u>\$274,095,374</u></u>	<u><u>\$275,842,179</u></u>	<u><u>\$1,746,805</u></u>

SOURCES OF INCOME

	Original Budget June 2, 1972	Revised Budget September 30, 1972	Difference
Central Campus			
State Subsidy	\$ 65,743,666	\$ 65,743,666	\$ -0-
Student Fees	45,175,000	45,175,000	-0-
Other Unrestricted Income	16,465,445	16,465,445	-0-
Carry Forward from 1971-72	4,449,069	4,449,069	-0-
Beginning General Reserve	<u>2,016,807</u>	<u>3,763,612</u>	<u>1,746,805</u>
Total	<u>\$133,849,987</u>	<u>\$135,596,792</u>	<u>\$1,746,805</u>

October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget (continued)

SOURCES OF INCOME (continued)

	Original Budget June 2, 1972	Revised Budget September 30, 1972	Difference
Regional Campuses - All Sources	\$ 5,396,387	\$ 5,396,387	\$ -0-
Departmental Earnings	4,500,000	4,500,000	-0-
University Services	2,460,000	2,460,000	-0-
Auxiliary Operations	79,684,000	79,684,000	-0-
Restricted Funds	<u>48,205,000</u>	<u>48,205,000</u>	<u>-0-</u>
Grand Total	<u>\$274,095,374</u>	<u>\$275,842,179</u>	<u>\$1,746,805</u>

The major sources from which this increase of \$1,746,805 were generated:

Expenditures Less Than Budgets	
Personnel Services	\$ 184,000
Contingency Reserve	207,000
Expanded Programs Reserve	294,000
Various Operating Funds	103,000
Decrease in Budgets	
Physical Plant	144,000
Construction Projects	199,000
Expanded Programs	210,000
Increases in Income	
Indirect Overhead	147,000
Unrestricted Endowments and Gifts	174,000
Other Miscellaneous	<u>84,805</u>
Total	\$1,746,805

These resources, because of their one-time nature are being expended for a number of high priority remodeling and building improvement projects which were not provided through State allocations, including improvement

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget (continued)

in the storage and use of fuel and utilities, as well as a reserve against possible utility and other essential service rate increases so as to protect the general budget.

President Enarson recommended that the foregoing report as submitted be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

C. Resolution of The Ohio State University Housing Commission Pertaining to the Lincoln Tower Dormitory Facility

At a meeting on September 26, 1972, The Ohio State University Housing Commission adopted the following resolution which authorizes the Commission to lease space in the Lincoln Tower dormitory facility to the University on a temporary basis for administrative and academic space needs.

WHEREAS, the Board of Trustees of The Ohio State University in a continuing effort to provide housing for the rapidly increasing numbers of students wishing to attend this University created and in turn entered into an agreement dated December 10, 1964, with The Ohio State University Housing Commission in which the Commission agreed to provide the necessary funding and construction of additional residential facilities to 'alleviate the shortage of housing' for students on the Columbus campus, and

WHEREAS, the Housing Commission under a trust agreement dated April 1, 1965, issued Dormitory Revenue Bonds to finance the construction of Lincoln and Morrill Towers for the purpose of providing additional residential facilities, and

WHEREAS, the 108th General Assembly upon the recommendation of the Ohio Board of Regents incorporated within its appropriation for The Ohio State University an enrollment limitation which necessitated a significant reduction in the number of freshmen entering this University for the past three successive years, 1970, 1971 and 1972, which equivalently reduces the sophomore class each subsequent year, and

October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Resolution of The Ohio State University Housing Commission  
Pertaining to the Lincoln Tower Dormitory Facility (continued)

WHEREAS, these enrollment reductions resulted in the concomitant reduction in the number of students required to live in University housing under the parietal rule established by The Ohio State University Board of Trustees' action on September 1, 1958, and as modified on February 11, 1965, and

WHEREAS, the University has determined that its parietal rules are as stringent as possible under all existing circumstances and are being strictly enforced, and

WHEREAS, the number of students either required or electing to live in the University dormitory facilities during the academic year 1972-1973 is insufficient to support the economic operation of Lincoln Tower for dormitory or dining purposes, and

WHEREAS, this University has urgent short term space needs to support its academic, research and service commitments, and

WHEREAS, the essence of Section 5 of the December 10, 1964, agreement provides that students need not be assigned to these facilities of the Housing Commission if, under the legal and practical limits to imposing parietal rule requirements, students cannot be so assigned in adequate numbers to permit economical operation of the University's housing system, but

WHEREAS, the 'Pledged Receipts' from Lincoln and Morrill Towers are the sole source of income presently securing the Housing Commission Bonds, now

THEREFORE BE IT RESOLVED that the Housing Commission may rent space in Lincoln Tower to The Ohio State University under such terms and conditions as are deemed appropriate by the Housing Commission, the Board of Trustees of the University and legal counsel for the Housing Commission effective immediately and until the beginning of the Autumn Quarter, 1973 with the understanding that during this interim period no structural modification will be made which will preclude the possible return of this facility to dormitory and dining use.

October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Resolution of The Ohio State University Housing Commission  
Pertaining to the Lincoln Tower Dormitory Facility (continued)

AND FURTHER BE IT RESOLVED that the President of the University will undertake a comprehensive study to determine this University's long range dormitory needs and based upon this study present a series of recommendations to the Housing Commission and in turn to the Board of Trustees for its consideration and action no later than February 2, 1973.

It was recommended that the President of the University be authorized to enter into a lease arrangement between the University and the Housing Commission which will accommodate short-term space needs of the University required to support its academic, research and service commitments and which is consistent with the requirements of the Housing Commission expressed in its resolution of September 26, 1972, authorizing rental of Lincoln Tower space to the University.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

D. Amendment to Federal Aviation Agency Grant  
Agreement (Project No. 8-39-0027-01)

The Board of Trustees on June 2, 1972, approved an Agreement with the Federal Aviation Agency in the amount of \$1,279,332 providing for a number of improvements to support the increased operational activities at Don Scott Field. Because of the location of two University farm structures, the Federal Aviation Agency is now requesting that this Agreement be amended so as to accommodate an extension of the parallel east-west runway on the north side of the airport which is presently 3,000 feet in length to 5,000 feet.

It was recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to approve this Amendment to the existing Grant Agreement for Project No. 8-39-0027-01, as appended hereto, so as to provide for the eventual extension of the runway as provided above and to modify the Don Scott Field Master Plan accordingly. (See Appendix IV, page 203.)

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the September 8, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

October 13, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions

Charles L. Mand from Professor in the School of Health, Physical Education and Recreation to Professor and Chairman of the Division of Physical Education in the School of Health, Physical Education and Recreation, effective immediately, at a salary of \$18,648.00 per annum (9-month appointment).

Marjorie Pierson McMillin from Associate Professor in the School of Social Work to Associate Professor and Assistant Director in the School of Social Work, effective immediately, at a salary of \$17,088.00 per annum (12-month appointment).

Richard W. Parkinson from Professor in the Department of Engineering Graphics to Professor and Acting Chairman in the Department of Engineering Graphics, effective immediately, at a salary of \$21,132.00 per annum (9-month appointment).

B. Leaves of Absence Without Salary

Ralph E. Franklin, Professor, Department of Agronomy, effective September 1, 1972 through June 30, 1973, to work as a soil research scientist with the Atomic Energy Commission.

J. Marshall Hanna, Professor, Academic Faculty of Vocational-Technical Education, effective April 1, 1973 through June 30, 1973, for personal reasons.

F. Paul Taiganides, Professor, Department of Agricultural Engineering, effective October 1, 1972 through October 31, 1972, to serve as consultant for the United Nations in Poland and Czechoslovakia.

Inez Ray Wells, Professor, Academic Faculty of Vocational-Technical Education, effective October 1, 1972 through December 31, 1972, for personal reasons.

John P. Cashbergue, Associate Professor, School of Allied Medical Professions - Medical Dietetics Division, effective September 15, 1972 through June 30, 1973, to pursue academic studies.

October 13, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Regina Ann Brown, Instructor, University Library, effective October 16, 1972 through November 30, 1972, for personal reasons.

George D. Coder, Instructor, Lima Regional Campus, effective October 1, 1972 through September 30, 1973, to complete work on his Ph. D. thesis.

Bonnie Lee I yle, Instructor, School of Nursing, effective September 18, 1972 through March 25, 1973, for personal reasons.

Joyce McDowell, Instructor (County Extension Agent, Home Economics) Adams County, Cooperative Extension Service, effective September 16, 1972 through October 31, 1972, for personal reasons.

C. Emeritus Titles

Marion L. Ainsworth, Department of Pediatrics, with the title Clinical Professor Emeritus, effective September 1, 1972.

James G. Haub, Department of Zoology, with the title Professor Emeritus, effective October 1, 1972.

Nicholas Michael, Department of Psychiatry, with the title Clinical Professor Emeritus, effective July 1, 1972.

Eva D. Wilson, School of Home Economics, with the title Professor Emeritus, effective August 1, 1972.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(August 12, 1972 - September 15, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$1,286,393.00
Industrial and Other Research	4	285,396.00
<u>Grants</u>		
Government Research - Federal	22	850,158.00
Government Research - State	2	155,127.00
Industrial and Other Research	<u>2</u>	<u>9,780.00</u>
Totals	40	\$2,586,854.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$26,997.00.
- b. Department of the Navy, Office of Naval Research, Arlington, Virginia, Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3006-A1 - Mod. #5 - College of Administrative Science, Continuing Education).  
Gross Value - \$24,981.00.
- c. Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Termination Settlement and Negotiation Course (to be known as Project No. 3150-A1 - Mod. #4 - College of Administrative Science, Continuing Education).  
Gross Value - \$28,270.00.
- d. Department of the Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #7 - College of Administrative Science, Continuing Education).  
Gross Value - \$86,242.00.
- e. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior (to be known as Project 3489-A1 - Mod. #1 - College of Administrative Science, Division of Research).  
Gross Value - \$395,903.00.
- f. Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Environmental Analysis of Central Ohio (to be known as Project No. 3492-A1 - New - College of Biological Sciences, Ohio Biological Survey).  
Gross Value - \$50,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physicians and Health Professions Education, Bethesda, Maryland, Dissemination of Pilot Medical School Curriculum (to be known as Project No. 3515-A1 - New - College of Medicine).  
Gross Value - \$303,000.00.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of the Air Force, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts, Study of Gyro-synchrotron Emission in the Solar Atmosphere and of Time Dependent Characteristics of Microwave Bursts (to be known as Project No. 3522-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- i. Department of the Navy, Office of Naval Research, Arlington, Virginia, Five-Day Defense Contract Negotiation Techniques Course (to be known as Project No. 3523-A1 - New - College of Administrative Science, Continuing Education).  
Gross Value - \$66,000.00.
- j. Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States (to be known as Project 3535-A1 - New - Engineering Experiment Station).  
Gross Value - \$285,000.00.

TOTAL - Government Research Contracts - Federal \$1,286,393.00

2. Industrial and Other Research Contracts

- a. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885 - Ext. #15 - Department of Biophysics).  
Gross Value - \$18,996.00.
- b. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885-A - Ext. #6 - Institute for Research in Vision).  
Gross Value - \$13,000.00.
- c. Edison Electric Institute, New York, New York, Stress Corrosion Cracking of Stainless Steels and Inconels (to be known as Project No. 3507-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$249,800.00.
- d. Environment Control Corporation, Painesville, Ohio, Frequency and Structure of Temperature Inversions, Cedar Bog, Ohio (to be known as Project No. 3534-A1 - New - Department of Botany).  
Gross Value - \$3,600.00.

TOTAL - Industrial and Other Research Contracts \$285,396.00

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds (to be known as Project No. 1809-G - Sup. #1 - Department of Chemistry).  
Gross Value - \$12,944.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biophysical Mechanisms of Cardiac Membranes Responses (to be known as Project No. 2085-G - Ext. #7 - Department of Pharmacology).  
Gross Value - \$46,591.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as Project No. 2090-G - Ext. #7 - Department of Physiological Chemistry).  
Gross Value - \$31,889.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as Project No. 2512-E - Ext. #5 - Department of Anatomy).  
Gross Value - \$26,224.00.
- e. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #6 - Department of Geodetic Science).  
Gross Value - \$40,716.00.
- f. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crises (to be known as Project No. 2673-D - Ext. #4 - Department of Sociology).  
Gross Value - \$108,647.00.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants Federal (continued)

- g. National Science Foundation, Washington, D. C., Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as Project No. 3028-A1 - Amend. #1 - Department of Chemistry).  
Gross Value - \$42,400.00.
- h. National Science Foundation, Washington, D. C., Intermediate Boron Hydrides and Their Derivatives (to be known as Project No. 3090-A1 - NSF ltr. dtd. 8/11/72 - Department of Chemistry).  
Gross Value - \$40,200.00.
- i. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #2 - Department of Electrical Engineering).  
Gross Value - \$44,800.00.
- j. National Science Foundation, Washington, D. C., Catalysis by Labile Metal Ions in Mixed Ligand Systems (to be known as Project No. 3101-A1 - NSF ltr. dtd. 8/2/72 - Department of Chemistry).  
Gross Value - \$37,800.00.
- k. Department of Health, Education, and Welfare, Office of Education, Educational Administration, Washington, D. C., A National Program in Educational Leadership (to be known as Project No. 3252-D1 - New - Academic Faculty of Educational Administration).  
Gross Value - \$23,644.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Control of Differential Gene Action and Morphogenesis (to be known as Project No. 3307-A2 - Ext. #1 - Department of Biochemistry).  
Gross Value - \$22,241.00.
- m. National Science Foundation, Washington, D. C., Chemistry of Bent Bonds (to be known as Project No. 3313-A1 - NSF ltr. dtd. 8/11/72 - Department of Chemistry).  
Gross Value - \$40,400.00.
- n. National Science Foundation, Washington, D. C., Collaborative Research on Cenozoic Igneous History of the Central American Volcanic Province (to be known as Project No. 3519-A1 - New - Department of Geology).  
Gross Value - \$35,300.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- o. National Science Foundation, Washington, D. C., Coalition Formation and Group Structuring (to be known as Project No. 3524-A1 - New - Department of Sociology).  
Gross Value - \$51,900.00.
- p. National Science Foundation, Washington, D. C., Collaborative Research on Italian Electoral Politics (to be known as Project No. 3525-A1 - New - Department of Political Science).  
Gross Value - \$28,900.00.
- q. National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons (to be known as Project No. 3526-A1 - New - Department of Chemistry).  
Gross Value - \$40,600.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuropharmacology of Isolated Neuroendocrine Systems (to be known as Project No. 3529-A1 - New - Department of Pharmacology).  
Gross Value - \$45,552.00.
- s. National Science Foundation, Washington, D. C., Thermodynamics of Photosynthesis (to be known as Project No. 3530-A1 - New - Department of Biophysics).  
Gross Value - \$20,000.00.
- t. National Science Foundation, Washington, D. C., A Monograph of the Family Saprolegniaceae (to be known as Project No. 3531-A1 - New - Department of Botany).  
Gross Value - \$25,200.00.
- u. National Science Foundation, Washington, D. C., Metal Carbonyls and Metal-Carbonyl Bonds (to be known as Project No. 3536-A1 - New - Department of Chemistry).  
Gross Value - \$26,300.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, New Chemotherapy of Sickle Cell Disease (to be known as Project No. 3537-A1 - New - Department of Medicine).  
Gross Value - \$57,910.00.

TOTAL - Government Research Grants - Federal \$850,158.00

4. Government Research Grants - State

- a. State of Ohio, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency - Phase II (to be known as Project No. 3520-A1 - New - College of Administrative Science, Public Administration).  
Gross Value - \$141,922.00.
- b. State of Ohio, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency - Phase II (to be known as Project No. 3520-B1 - New - Department of Sociology).  
Gross Value - \$13,205.00.

TOTAL - Government Research Grants - State \$155,127.00

5. Industrial and Other Research Grants

- a. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Determination of the Mechanisms Underlying Radiation Resistance in Chronic Granulocytic Leukemia (to be known as Project No. 3521-A1 - New - Department of Radiology).  
Gross Value - \$4,950.00.
- b. The Population Council, Inc., New York, New York, The Development of a Book on Latin American Population Policies (to be known as Project No. 3532-A1 - New - Department of Political Science).  
Gross Value - \$4,830.00.

TOTAL - Industrial and Other Research Grants \$9,780.00

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

(Period: August 12, 1972 - September 15, 1972)

	No. of Projects	Gross Value
Industrial Research Contract	1	\$11,482.00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Industrial Research Contract

EES 427X      Utilization of Sonic Power in Agricultural Applications,  
Lilliston Corporation, Albany, Georgia.  
Gross Value - \$11,482.00.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: August, 1972)

<u>Grants</u>		
Office of Finance and Treasurer		\$3,628,375.00

Fiscal Year July 1, 1972 - August 31, 1972

<u>Gifts</u>			
The Ohio State University Development Fund			
	Number of Donors	Amount of Gifts	Total
General Solicitation	7,119		\$ 149,879.62
Major Resources Group:			
Major Individual Gifts	110	\$351,684.02	
Corporate Gifts	78	235,962.09	
Foundation and Non- profit Organiza- tion Gifts	<u>70</u>	<u>229,557.60</u>	
Total			<u>817,203.71</u>
Grand Total	7,377		\$ 967,083.33

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,894,294.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the National Defense Student Loan Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee Account Number 766505)
2. \$1,279,332.00 granted by Federal Aviation Agency, Washington, D. C., to the University for support of the project for development of the University Airport (Project No. 8-39-0027-01). (Contract No. DOT-FA-72-GL-6722)
3. \$260,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., to the University for curriculum development basic to the training to individuals for employment in agri-business, natural resources, and environmental protection, under the direction of the Department of Agricultural Education, for the period June 15, 1972 through June 14, 1974. (Contract No. OEC-0-72-4677)
4. \$61,295.00 granted by Environmental Protection Agency, Washington, D. C., to the University for Multi-disciplinary Training in Water Pollution Control, under the direction of the Water Resources Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 900130)
5. \$35,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois, to the University for Traineeships in Speech Pathology and Audiology, under the direction of the Department of Speech Communication, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25121/5-09)
6. \$27,210.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois, to the University for Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25124/5-09)

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. \$20,379.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois, to the University for Training in Medical Sociology, under the direction of the Department of Sociology, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25120/5-08)
8. \$17,670.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. B 7 45 0430 15 1)
9. \$15,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois, to the University for Occupational Therapy Undergraduate Traineeships, under the direction of the School of Allied Medical Professions, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25123/5-08)
10. \$10,368.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training Grant in Endocrinology, under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1972 through June 30, 1973. (Grant No. 3 T01 AM05403-09S1)
11. \$4,780.00 granted by The Ford Foundation, New York, New York, to the University for Black American Doctoral Fellowship, under the direction of the Graduate School, for the academic year 1972-1973. (Project No. 719-0021)
12. \$1,659.00 granted by U. S. Department of Justice, Law Enforcement Administration, Washington, D. C., to the University for support of Law Enforcement Education Program for the fiscal year July 1, 1972 through June 30, 1973. (Transaction No. 003090-2-73-1-1)
13. \$1,388.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. G 7 45 0430 15 1)

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund

1. \$57,042.00 from Ohio Lions Eye Research Foundation, Springfield, Ohio--\$31,680.00 for research in the Department of Ophthalmology and \$25,362.00 for research in the College of Optometry.
2. \$25,475.27 from the Estate of Lucille Morrissey Denney, Columbus, Ohio--\$12,737.64 for the Department of Music and \$12,737.63 for the Denney Shakespeare collection.
3. \$25,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Battelle Professorship in Metallurgical Engineering.
4. \$24,000.00 from E. F. Wildermuth Foundation, Columbus, Ohio, for scholarships in the College of Optometry.
5. \$22,316.59 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine.
6. \$17,900.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
7. \$12,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
8. \$10,000.00 from the Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for its scholarship fund in Engineering.
9. \$10,000.00 from Mr. and Mrs. Cyril R. Porthouse, Kent, Ohio, for the Novice G. Fawcett Chair in Educational Administration.
10. \$10,000.00 from Ross Laboratories, Columbus, Ohio, for its research fund in Dairy Food Chemistry.
11. \$9,600.00 from G. D. Searle & Company, Chicago, Illinois, for its fund in the Department of Pharmacology.
12. \$9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
13. \$8,400.00 from the International Nickel Company of Canada, Ltd., New York, New York, for its fellowship in Metallurgical Engineering.
14. \$8,200.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through  
The Ohio State University Development Fund

15. \$7,500.00 from the Estate of Dr. D. P. Snyder, Columbus, Ohio-- \$5,000.00 for the Student Memorial Fund in the College of Dentistry and \$2,500.00 for the Snyder Research Memorial Fund in the College of Medicine.
16. \$6,000.00 from The Procter and Gamble Company, Cincinnati, Ohio, to establish a fellowship in the Department of Mechanical Engineering.
17. \$5,000.00 from NOBA, Inc., Tiffin, Ohio, for research in the Department of Dairy Science.
18. \$5,000.00 from Parke-Davis, Detroit, Michigan, for its research in the College of Medicine.

C. Gifts-in-Kind

1. Movie posters from Mr. Philip Sills, Riverdale-on-Hudson, New York, for the College of The Arts.
2. Movie inserts from Mr. Frederick R. Adler, New York, New York, for the College of The Arts.
3. On June 10, 1965, the Board of Trustees accepted through the Development Fund, the personal collection of American Cicadellidae from Dr. Dwight M. DeLong, a member of this University's faculty. Dr. DeLong has now offered to make a gift of more than 12,000 additional specimens to be added to this collection. In accepting this gift the same conditions are agreed to as set forth at the time of the original gift.

D. Establishment of Named Funds

1. \$19,386.22 for the establishment of The Kate Deterly Gordon Memorial Fund.

The Kate Deterly Gordon Memorial Fund

The Kate Deterly Gordon Memorial Fund was established October 13, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Ruth Gordon (B. A. '06) late of Columbus, in memory of her mother, Kate Deterly Gordon.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

1. The Kate Deterly Gordon Memorial Fund (continued)

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

The annual income is to be used by the College of Mathematics and Physical Sciences for the higher education of persons especially talented in the field of mathematics and/or allied or associate courses; said persons to be selected upon the recommendation of the Dean of the College of Mathematics and Physical Sciences.

Should the College of Mathematics and Physical Sciences cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for mathematical sciences.

2. \$10,000.00 for the establishment of The Ruth Gordon Memorial Fund.

The Ruth Gordon Memorial Fund

The Ruth Gordon Memorial Fund was established October 13, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Ruth Gordon in memory of herself. Miss Gordon was a resident of Columbus and earned a Bachelor of Arts degree in 1906.

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

The annual income to be used by the College of The Arts for the higher education of persons especially talented in the field of piano music education; said persons to be selected upon the recommendation of the Dean of the College of The Arts.

Should the College of The Arts cease to exist, through any reorganization of the University then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in the field of piano music.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

3. \$1,000.00 for the establishment of the Dennis A. Nabors, D.D.S., '32 Scholarship.

The Dennis A. Nabors, D.D.S., '32 Scholarship

The Dennis A. Nabors, D.D.S., '32 Scholarship was established October 13, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dennis A. Nabors, Jr., D.D.S., 1961, Cincinnati, Ohio, in honor of his father, Dennis A. Nabors, Sr., D.D.S., 1932.

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

Annual income is to be added to the principal. Starting in 1982, in honor of Dr. Nabor's 50th anniversary of graduation from the College of Dentistry, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Dentistry who have demonstrated academic ability and 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 Dentistry.

Should the need for the 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 Dean of the College of Dentistry.

\*

\*

\*

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Biological Sciences Building - Air Conditioning Rooms 116, 120, 127, and 129

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$15,300.00	\$15,951.60	\$651.60

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Biological Sciences Building - Air Conditioning Rooms 116, 120, 127, and 129 (continued)

During construction it was found necessary to provide isolating walls above finished ceilings where it was not possible to make an examination during the design period.

Funds for this revision have been provided by Budget Account 801137 (Biological Sciences Building).

Upon motion of Mr. Harrod, seconded by Mrs. James, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\* \* \*

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 5 Approves the release of \$93,701 from Item 315-074, "Utilities and Renovation," for the improvements in Brown and Hagerty Halls.
- 6 Approves the release of \$20,000 from Item 315-084, "Southeastern Ohio Area Extension Center," for the planning, including architectural fees on the project, "Southeastern Ohio Area Extension Center."
- 7 Approves the release of \$87,000 from Item 315-074, "Utilities and Renovation," for the award of contracts on the project, "Improvements to Stillman Hall."

\* \* \*

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Southeast Ohio Area Extension Center - Employment of Engineers

President Enarson recommended that the engineering firm of Ayres, Konneker and Associates, Columbus, Ohio, be employed to provide complete professional engineering services for plumbing, heating, ventilating, and air conditioning, electrical and utility extension work for above project. This includes design, preparation of drawings, specifications, estimate of cost, checking of shop drawings and three visits to the site during construction.

This project will consist of office space, laboratory space, and demonstration space for an area extension office to serve southeastern Ohio. It is anticipated that twenty to thirty people will use this facility daily while up to two hundred people will be accommodated at various times for special programs and meetings.

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Southeast Ohio Area Extension Center - Employment of Engineers (continued)

The Southeast Ohio Area Extension Center will be involved in area agricultural extension administration, testing various soil samples, and in periodic demonstrations and educational presentations. The site for this facility will be on property leased from the Ohio Agricultural Research and Development Center. It is located at the Eastern Ohio Resource Development Center near Caldwell in Noble County.

The fee for this service will be 5 percent of the total project estimate of \$95,000.00. Therefore, the total estimate for the engineering services on this project will be \$4,750.00. Funds for this work have been provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center).

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the above recommendation was approved by a five to one vote with Messrs. Eckley, Hilliker, Dunlap, Harrod, and Dr. Sirak casting affirmative votes and Mrs. James casting a negative vote.

B. Purchase of Buildings and Property - South Campus

President Enarson recommended that the President and/or Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Lot Number 6, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 115-117 West 11th Avenue, from Phil A. Slobin, at a purchase price of \$31,000.

Lot Number 23, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 118 West 10th Avenue from the Estate of Bertha F. Meyerholtz, at a purchase price of \$20,000.

Lot Number 25, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 128 West 10th Avenue from Ross A. Kramer, et al, at a purchase price of \$19,000.

The parcels will be purchased in accordance with appraisals obtained from M. A. I. Appraisers. Funds are available in Budget Accounts 801262 and 921700 for the purchase of the properties.

Upon motion of Mr. Harrod, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

October 13, 1972 meeting, Board of Trustees

VIII. RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Alvah Peterson, Professor Emeritus in the Department of Entomology. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Alvah Peterson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 11, 1972, of Alvah Peterson, Professor Emeritus in the Department of Entomology, College of Biological Sciences.

Dr. Peterson was born in Galesburg, Illinois, on September 13, 1888. He received the B. S. degree, with distinction, from Knox College in 1911, and the A. M. and Ph. D. degrees from the University of Illinois, in 1913 and 1916 respectively.

In 1928, Dr. Peterson joined the faculty of The Ohio State University. Prior to that time he had served as an Associate Professor at Rutgers University from 1916 to 1925, conducting research on insect control of destructive pests, and from 1925 to 1928, as senior entomologist in the U. S. Department of Agriculture, Bureau of Entomology, conducting research on insects attacking fruit crops. During this period he pioneered the development of biological control methods using parasites to gain some control of the Oriental fruit moth.

Many of Dr. Peterson's associates consider his major contribution to science to be his two volume work, "Larvae of Insects." This treatise represented the first, and in some instances, the only single source of information for the reliable identification of immature insects. These books have been invaluable to research workers and insect control specialists all over the world, and have made possible the offering of courses in the taxonomy of immature insects at Ohio State and in many other colleges and universities.

Dr. Peterson's contributions span more than five decades and include studies of the structure of thrips, microphotography of insect eggs, and techniques for the study of insects in the field and laboratory. He received many honors and awards for his photographs of various stages of insect development.

Professor Peterson retired from The Ohio State University in 1958 after 30 years' service and was awarded the Honorary Degree Doctor of Science by this University in 1970.

Dr. Alvah Peterson was a great teacher and scientist who contributed much to the stature of this University. Students and colleagues throughout the world remember him for his scholarly and humane qualities.

October 13, 1972 meeting, Board of Trustees

VIII. RESOLUTION IN MEMORIAM (continued)

A. Alvah Peterson (continued)

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.

\* \* \*

IX. REPORTS

A. Report from the Finance and Investment Committee

1. Sale of Property (25.680 Acres, Board of Trustees Lands North of Don Scott Field) to the State of Ohio (Adjutant General)

Mr. Hilliker presented the following recommendation:

At the request of the Adjutant General of the State of Ohio and with the full concurrence of this University and the Office of the Board of Regents, the Controlling Board of the State of Ohio on August 28, 1972, authorized the purchase of 25.680 acres by the State of Ohio (Adjutant General) for the sum of \$282,480 from monies available to the Adjutant General. The title for this land includes an 18.680-acre parcel located to the rear of 3015 West Granville Road which was acquired from Frank C. Norris on November 5, 1963, and a 7-acre parcel, part of a 56-acre tract, located to the rear of 3025 West Granville Road purchased from Herschel D. Mitchell on September 1, 1972.

Authority was requested for the President and/or Treasurer to prepare the necessary legal documents and to execute the transfer of titles to these properties from the Investment Portfolio to the State of Ohio upon payment of the above-mentioned price and that these funds be deposited in the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated October 12, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

October 13, 1972 meeting, Board of Trustees

IX. REPORTS (continued)

C. President's Monthly Report

President Enarson made a presentation on University enrollment trends and projections. Distribution trends by level as well as program were incorporated in this report.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, November 3, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

Page 202 Blank

APPENDIX IV

Amendment No. 1  
GRANT AGREEMENT FOR PROJECT NO. 8-39-0027-01

(Contract No. DOT-FA-72-G1. 6722)

Page 204 Blank

AMENDMENT NO. 1 TO GRANT AGREEMENT FOR PROJECT NO. 8-39-0027-01  
(Contract No. DOT-FA-72-GL 6722)

Effective Date of Amendment  
Ohio State University  
Columbus, Ohio

WHEREAS, the Federal Aviation Administration (hereinafter referred to as the "FAA") has determined it to be in the interest of the United States that the Grant Agreement between the FAA, acting for and on behalf of the United States, and the Board of Trustees of the Ohio State University (hereinafter referred to as the "Sponsor"), accepted by said Sponsor on 8 June 1972 be amended as hereinafter provided.

NOW, THEREFORE, WITNESSETH:

That in consideration of the benefits to accrue to the parties hereto, the FAA on behalf of the United States, on the one part, and the Sponsor, on the other part, do hereby mutually agree that the said Grant Agreement be and the same hereby is amended as follows:

1. By deleting the development appearing in the second WHEREAS clause on Page 1 of the Grant Agreement and substituting the following:

Reimbursement of land acquired in fee for airport development, clear zones and approach protection, parcels "A", "B", "C", "D" and "E"; construct, mark and light NE-SW taxiway (1400' X 50'), taxiway between R/W 27R approach end and north operational area (600' X 50'), connecting parallel taxiway to R/W 9R extension (1650' X 50') and taxiway connecting R/W 9L and 9R (2250' X 50'); construct 27R holding apron (approx. 945 SY), 9R holding apron (approx. 2695 SY), 9L holding apron (approx. 945 SY), itinerant parking apron (approx. 4000 SY and 6200 SY), and 27L holding apron (approx. 2695 SY); light existing R/W 5-23 as taxiway (2200'); construct, mark and light (MIRL) R/W 9L-27R (3000' X 100') including construction of 140' extension to R/W 14-32; construct, mark and light (HRL) extension to west end of R/W 9R-27L (600' X 100'); light (MIRL) R/W 14-32 (3000'); overlay T/W D (666' X 50') and taxiway between R/W 27L and edge of Fire Building apron (3250' X 50'); construct and floodlight apron east of tee hangars (approx. 24,000 SY); construct two stub taxiways (75' X 40' and 80' X 40'); install perimeter fence (approx. 23,000 l.f.); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R; overlay R/W 9R-27L (approx. 4400' X 100'), R/W 14-32 (approx. 2740' X 100') and a portion of T/W B (approximately 500' X 50').

2. In furtherance of paragraphs 10 and 12 of the Grant Agreement and of the paragraphs 7, 12, and 13 of the Part III - Sponsor's Assurances of the Project Application dated April 14, 1972 and incorporated in this Agreement, the Sponsor shall take the following actions to insure adequate approach protection and compatible land use in the airport areas now owned by the University.

a. The Sponsor shall physically substitute the Property Map - Exhibit A, dated April 13, 1972 and revised October 6, 1972, for the Property Map-Exhibit A attached to the Project Application dated April 14, 1972, and the revised Property Map-Exhibit A shall become a part of this Agreement. Upon acceptance of this Amendment by the Sponsor, FAA shall cause like substitution in the remaining outstanding copies of the Grant Agreement.

b. The Sponsor shall resubmit, prior to final payment, the Master Plan for Don Scott Field, revised to show all structures which exist and are planned within the future approach zones as they are contained within the airport boundary as required by the above referenced paragraph 12 of Part III-Sponsor's Assurances. The Sponsor further covenants and agrees that at such time as R/W 9L-27R is extended to the west, with or without Federal aid, that the Structures No. 1,2,3,4 and 6 in the west clear zone and approach area as denoted on the Exhibit B, dated October 11, 1972, which is attached and made a part of this Amendment, shall be removed or relocated to a location meeting current FAA obstruction criteria. It is further understood and agreed that no additional structures will be erected, nor any existing structure be raised beyond its present height, in any runway clear zone or approach area unless shown on the Airport Layout Plan.

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION

By Rolland A Heim  
Chief, Airports District Office  
Cleveland, Ohio

BOARD OF TRUSTEES OF THE OHIO  
STATE UNIVERSITY (SPONSOR)

Attest:

Title \_\_\_\_\_

By \_\_\_\_\_  
Title \_\_\_\_\_

CERTIFICATE OF SPONSOR'S ATTORNEY

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

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

Dated at Columbus, Ohio, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

\_\_\_\_\_

Title \_\_\_\_\_



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

Columbus, Ohio, November 3, 1972

The Board of Trustees met at its regular monthly meeting on Friday, November 3, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John H. Dunlap, Vice Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

\*

\*

\*

Minutes of the last meeting were approved.

\*

\*

\*

November 3, 1972 meeting, Board of Trustees

Mr. John H. Dunlap, Vice Chairman, presided at this meeting in the absence of the Chairman, Mr. Eckley.

---

REQUEST TO SPEAK

Mr. Michael White, President of the Undergraduate Student Government, appeared before the Board of Trustees to invite the individual Board members participation in a "Trustee Day" tentatively scheduled during the second week of the Winter Quarter. Mr. Dunlap thanked Mr. White on behalf of the Board for the invitation and said that the Board would respond to the invitation as soon as possible.

---

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate by mail ballot approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated:

Hal Oscar Anger	Doctor of Science
Elizabeth Monroe Boggs	Doctor of Laws
Paul Jackson Kramer	Doctor of Science
Elburt Franklin Osborn	Doctor of Science

President Enarson recommended that these honorary degrees be conferred at a mutually convenient commencement or academic occasion.

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

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the October 13, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Leaves of Absence Without Salary and Emeritus Title:

A. Leaves of Absence Without Salary

Morris J. Beja, Professor, Department of English, effective January 1, 1973 through September 30, 1973, to accept a Fulbright Lectureship at the University of Dublin.

II. PERSONNEL CHANGES (continued)

A. Leaves of Absence Without Salary (continued)

Thomas J. Burns, Professor, Academic Faculty of Accounting, effective January 1, 1973 through June 30, 1973, to serve as a Visiting Professor in the School of Business, University of California at Berkeley.

John L. Livingstone, Professor, Academic Faculty of Accounting, effective October 1, 1972 through March 31, 1973, to serve as a Visiting Professor at the University of Toronto.

Swamy A. V. B. Paravastu, Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to be a Consultant with the Board of Governors, Federal Reserve System, Washington, D. C.

Hao Chang, Associate Professor, Department of History, effective October 1, 1972 through December 31, 1972, to teach at the University of California at Davis.

Henry H. Glover, Associate Professor, Department of Mathematics, effective October 1, 1972 through March 31, 1973, to serve as a Visiting Professor at the Eidgenossische Technische Hochschule, Zurich, Switzerland.

Daniel T. Hughes, Associate Professor, Department of Anthropology, effective April 1, 1973 through June 30, 1973, to conduct a study in the Philippines under the sponsorship of a National Endowment for Humanities Fellowship.

William David Andrews, Assistant Professor, Department of English, effective January 1, 1973 through September 30, 1973, to accept a NEH Younger Humanist Fellowship.

Edward L. Rice, Instructor, Mansfield Campus, effective October 1, 1972 through September 30, 1973, for personal reasons.

B. Emeritus Title

Mary Eloise Green, School of Home Economics, with the title Professor Emeritus, effective September 1, 1972.

President Enarson recommended that the Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the October 13, 1972 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Finance and Treasurer	8	\$ 385,528.00
The Ohio State University Research Foundation	53	1,203,369.00
The Engineering Experiment Station	6	178,590.00
The Ohio State University Development Fund	9,449	1,486,443.90

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Finance and Treasurer

1. \$140,496.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Dentistry, for the period September 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE01205-01)
2. \$79,995.00 granted by Department of Health, Education, and Welfare, U. S. Office of Education, Contracts and Grants Division, Washington, D. C., to the University for the ERIC Clearinghouse on Vocational and Technical Education, under the direction of The Center for Vocational and Technical Education, for the period September 1, 1972 through December 31, 1972. (Contract No. OEC-0-70-1214)
3. \$29,715.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Pharmacy, for the period September 1, 1972 through June 30, 1974. (Grant No. 1 D08 PE05122-01)
4. \$29,074.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Preceptorship Training in Pediatrics for Medical Students, under the direction of the Department of Pediatrics, for the period September 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE08018-01)
5. \$28,640.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for Upgrading Counseling Skills, for fifteen employment service staff members. (Contract No. H5-8564-37-05)
6. \$28,618.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for Developing a Model Health Evaluation Program Conducted by the Extension Service Through Its State and Local Structure, under the direction of the Cooperative Extension Service, for the period June 29, 1972 through June 30, 1973. (Contract No. HSM 110-72-389)
7. \$25,484.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for the MEDIHC program in the State of Ohio, for the period October 1, 1972 through September 30, 1973. (Contract No. NIH 72-4026 - Modification No. 1)
8. \$23,506.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Neocortical and Subcortical Interactions, Research Scientist Development Award, under the direction of the Department of Psychology, for the period September 1, 1972 through August 31, 1973. (Grant No. 2 K02 MH12747-06)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period September 16, 1972 through October 13, 1972.

1. Federal Research Contracts

- a. Department of the Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #27 - College of Administrative Science, Continuing Education).  
Gross Value - \$9,000.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as Project No. 2356 - Mod. #10 - Department of Medical Microbiology).  
Gross Value - \$12,000.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #8 - Department of Surgery).  
Gross Value - \$15,000.00.
- d. Department of the Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00007 - Department of Electrical Engineering).  
Gross Value - \$70.00.
- e. Department of Navy, Office of Naval Research, Arlington, Virginia, Defense Cost and Price Analysis Course (to be known as Project No. 3528-A1 - New - College of Administrative Science, Continuing Education).  
Gross Value - \$81,594.00.
- f. Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Contract Laws Course (to be known as Project No. 3548-A1 - New - College of Administrative Science, Continuing Education).  
Gross Value - \$60,000.00.

TOTAL - Federal Research Contracts \$177,664.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial and Other Research Contracts

- a. Research for Better Schools, Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction II (to be known as Project No. 3372-F1 - New - Academic Faculty of Educational Development).  
Gross Value - \$7,500.00.
- b. Research for Better Schools, Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction II (to be known as Project No. 3372-G1 - New - Academic Faculty of Educational Development).  
Gross Value - \$7,500.00.
- c. American Enterprise Institute, Washington, D. C., Impact of Media Project (to be known as Project No. 3540-A1 - New - Department of Political Science).  
Gross Value - \$141,900.00.
- d. American Electric Power Service Corporation, New York, New York, A Long-Term Field Study of the Effects of Sulfur Dioxide Pollution on Selected Lichens of Southeastern Ohio and Adjacent West Virginia (to be known as Project No. 3543-A1 - New - Department of Botany).  
Gross Value - \$19,980.00.
- e. Illinois Institute of Technology Research Institute, Chicago, Illinois, Use Evaluation of Chemical Abstracts Integrated Subject Files (to be known as Project No. 3568-A1 - New - Department of Computer and Information Science).  
Gross Value - \$15,843.00.
- f. Hanna Coal Company, Cadiz, Ohio, Investigation of the Etiology and Pathogenesis of Atypical Interstitial Pneumonia in Cattle Grazing Vetch Pasture (to be known as Project No. 3572-A1 - New - Department of Veterinary Clinical Sciences).  
Gross Value - \$35,000.00

TOTAL - Industrial and Other Research Contracts \$227,723.00

3. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-J - Ext. #9 - Department of Chemistry).  
Gross Value - \$55,524.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- b. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Conditioning Stimulus Selection and Verbal Paradigms (to be known as Project No. 1779-H - Ext. #8 - Department of Psychology).  
Gross Value - \$50,571.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Mesencephalic Receptive Fields (to be known as Project No. 1881-H - Ext. #8 - College of Optometry).  
Gross Value - \$22,650.00.
- d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #8 - Department of Electrical Engineering).  
Gross Value - \$50,000.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-D - Sup. #1 - Department of Medicine).  
Gross Value - \$7,000.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as Project No. 2525-E - Ext. #5 - Department of Pathology).  
Gross Value - \$68,208.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #4 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- h. 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 (to be known as Project No. 2962-C - Ext. #3 - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$47,553.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- i. National Science Foundation, Washington, D. C., Mathematical Crystallography of 4-Dimensional Space (to be known as Project No. 3057-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$7,700.00.
- j. National Science Foundation, Washington, D. C., Preparation and Characterization of Catenated Metal Compounds (to be known as Project No. 3130-A1 - Amend. #1 - Department of Chemistry).  
Gross Value - \$18,800.00.
- k. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Mechanisms of Voluntary Action and Voluntary Attention (to be known as Project No. 3333-A2 - Ext. #1 - Department of Psychology).  
Gross Value - \$25,068.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Iodoacetate--Immunotherapy of Lymphoid Leukemia (to be known as Project No. 3538-A1 - New - Department of Microbiology).  
Gross Value - \$44,839.00.
- m. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Amphetamine Tolerance: Central and Peripheral Studies (to be known as Project No. 3541-A1 - New - College of Pharmacy).  
Gross Value - \$15,764.00.
- n. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Aberrant Gene Expression During Chemotherapy (to be known as Project No. 3546-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$36,808.00.
- o. Department of Health, Education, and Welfare, Office of Child Development, Office of the Secretary, Washington, D. C., Scientific Evaluation and Planning (to be known as Project No. 3569-A1 - New - Mershon Center for Education in National Security).  
Gross Value - \$25,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- p. National Science Foundation, Washington, D. C., Stresses, Deformations and Pore Pressure in Nonhomogeneous Anisotropic Saturated Soils under Arbitrary Loading (to be known as Project No. 3570-A1 - New - Department of Civil Engineering).  
Gross Value - \$57,200.00.

TOTAL - Federal Research Grants \$562,685.00

4. State Research Grant

- a. Ohio Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio, Homebound Dental Care (to be known as Project No. 3542-A1 - New - College of Dentistry).  
Gross Value - \$61,746.00.

5. Industrial and Other Research Grants

- a. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Project No. 2338-F - Spr. ltr. dtd. 10/2/72 - Department of English).  
Gross Value - \$17,096.00.
- b. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Radiation Therapy Dosimetry and Planning (to be known as Project No. 3539-A1 - New - Department of Radiology).  
Gross Value - \$6,000.00.
- c. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mathematical Prediction of Contractility in the Diseased Dog (to be known as Project No. 3545-A1 - New - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$3,465.00.
- d. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Arterial Blood Flow in Horses (to be known as Project No. 3547-A1 - New - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$6,962.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- e. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mechanism of Inhibition of Glycoside Toxicity and Increased Inotropy on Mammalian Hearts by Potassium Sparing Agents (to be known as Project No. 3549-A1 - New - Department of Pharmacology). Gross Value - \$7,245.00.
- f. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Left Ventricular Function in Congestive Heart Failure (to be known as Project No. 3550-A1 - New - Department of Medicine). Gross Value - \$7,500.00.
- g. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cardiac Function in Patients with Chronic Lung Disease (to be known as Project No. 3551-A1 - New - Department of Medicine). Gross Value - \$7,500.00.
- h. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiological Studies of Supraventricular Tachycardia in Man (to be known as Project No. 3552-A1 - New - Department of Medicine). Gross Value - \$7,500.00.
- i. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Aortic Stenosis on Myocardial DNA and RNA Synthesis in the Neonatal Animals (to be known as Project No. 3553-A1 - New - Department of Pathology). Gross Value - \$7,508.00.
- j. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Hemodynamic and Histopathologic Aspects of the Autologous Vein Graft (to be known as Project No. 3554-A1 - New - Department of Surgery). Gross Value - \$7,035.00.
- k. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Creation and Hemodynamics of Systemic Pulmonary Shunts (to be known as Project No. 3555-A1 - New - Department of Surgery). Gross Value - \$7,497.00.
- l. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Correlation of Stroke Output with Ejection Time in Intact Anesthetized Dogs (to be known as Project No. 3556-A1 - New - Department of Physiology). Gross Value - \$6,741.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- m. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Inotropic Stimulation on the Resting Viscoelastic Properties of the Myocardium (to be known as Project No. 3557-A1 - New - Department of Physiology).  
Gross Value - \$7,013.00.
- n. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Diastolic Left Ventricular Distensibility Studied in Intact Dogs (to be known as Project No. 3558-A1 - New - Department of Physiology).  
Gross Value - \$7,308.00.
- o. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical Events Underlying Irreversible Injury to Ischemia Myocardium (to be known as Project No. 3559-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$6,563.00.
- p. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Response of Coronary Blood Flow to Alteration of Blood Gas PCO<sub>2</sub> (to be known as Project No. 3560-A1 - New - Department of Physiology).  
Gross Value - \$6,825.00.
- q. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Immunohistochemistry of Creatine Phosphokinase (to be known as Project No. 3561-A1 - New - Department of Pathology).  
Gross Value - \$7,500.00.
- r. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies of Physiology of Renin and Aldosterone (to be known as Project No. 3562-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- s. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effects of Catecholamines and Fatty Acids on the Anoxic Heart (to be known as Project No. 3563-A1 - New - Department of Medicine).  
Gross Value - \$7,455.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- t. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Intestinal Absorption of Digitalis Glycosides (to be known as Project No. 3564-A1 - New - Department of Medicine).  
Gross Value - \$7,464.00.
- u. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prevention of Capillary No-Flow Phenomenon - Brain Ischemia (to be known as Project No. 3565-A1 - New - Department of Medicine).  
Gross Value - \$6,678.00.
- v. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Alterations in the Renal Circulation Sodium Balance (to be known as Project No. 3566-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- w. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Characterization of Heart Muscle Antigens (to be known as Project No. 3567-A1 - New - Department of Medical Microbiology).  
Gross Value - \$3,746.00.
- x. Junior League of Columbus, Columbus, Ohio, Teenage Flight or More Alternatives (to be known as Project No. 3571-A1 - New - School of Social Work).  
Gross Value - \$5,950.00.

TOTAL - Industrial and Other Research Grants \$173,551.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period September 16, 1972 through October 13, 1972.

1. Government Research Contracts

- EES 356X     A Laboratory and Field Durability Study of Asphaltic  
Ext. #3     Mixtures, Ohio Department of Highways, Columbus,  
              Ohio.  
              Gross Value - \$47,146.00.
- EES 406X     Field Study of Subgrade Compaction, Ohio Department of  
Ext. #1     Highways, Columbus, Ohio.  
              Gross Value - \$41,400.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. Engineering Experiment Station (continued)

1. Government Research Contracts (continued)

EES 428X	Improving Driver Performance on Curves in Rural Highways Through Perceptual Changes, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$46,380.00.
EES 429X	Develop a Land Use Data System and Recommend Resource Evaluation Functions, Ohio Department of Natural Resources, Columbus, Ohio. Gross Value - \$13,974.00.
EES 430X	Streamflow Simulation and Flood Profile Determination in Ohio, Ohio Department of Natural Resources, Columbus, Ohio. Gross Value - \$26,690.00.

TOTAL - Government Research Contracts \$175,590.00

2. Industrial Research Contract

EES 405C	Examination of Effluents Emanating from the Corona Discharges of High Voltage Transmission Lines, American Electric Power Service Corporation, New York, New York. Gross Value - \$3,000.00.
----------	---

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through September 30, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	9,047		\$ 196,617.57
Major Resources Group:			
Major Individual Gifts	155	\$486,490.53	
Corporate Gifts	141	345,423.99	
Foundation and Non-profit Organization Gifts	<u>106</u>	<u>457,911.81</u>	
Total			<u>\$1,289,826.33</u>
Grand Total	9,449		\$1,486,443.90

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More

- a. \$42,425.00 from Louise Orr Scott Foundation, Columbus, Ohio--  
\$31,819.00 for scholarships in the College of Medicine and  
\$10,606.00 for scholarships in the College of Pharmacy.
- b. \$23,188.58 from the Associates of Medicine, Columbus, Ohio,  
for the Department of Medicine.
- c. \$20,000.00 from ALCOA Foundation, Pittsburgh, Pennsylvania,  
for its professorship in Chemical Engineering.
- d. \$12,808.00 from The Ohio Electric Utility Institute, Columbus,  
Ohio, for its fellowship fund in the Department of Electrical  
Engineering.
- e. \$10,650.00 from the Trust under the Will of Anna Roessler, Columbus,  
Ohio, for scholarships in the College of Medicine.
- f. \$10,000.00 from Gerlach Foundation, Inc., Columbus, Ohio, for  
the University Activities Center.
- g. \$10,000.00 from NACAA-71, Ohio Cooperative Extension Agents  
Association, Norwalk, Ohio, for the Ohio 4-H Foundation Fund.
- h. \$9,052.00 from The Charles F. High Foundation, Bucyrus, Ohio,  
for scholarships.
- i. \$8,128.00 from OSU Citizens Advisory Committee, Newark, Ohio,  
for the Newark Campus scholarship fund.
- j. \$8,000.00 from The Merck Company Foundation, Rahway, New  
Jersey, for developing young faculty members in the Department of  
Dairy Science.
- k. \$7,500.00 from Suburban Motor Freight, Inc., Columbus, Ohio,  
for the James R. Riley Professorship of Transportation and Business  
Logistics.
- l. \$6,685.00 from The Grace High Washburn Trust, Bucyrus, Ohio,  
for scholarships.
- m. \$6,666.70 from State Auto Mutual Insurance Company, Columbus,  
Ohio, for the University Activities Center.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- n. \$6,000.00 from the Rockefeller Foundation, New York, New York, as an unrestricted gift to the University.
- o. \$5,000.00 from Ford Motor Company, Dearborn, Michigan, for support of the graduate research program in city planning.
- p. \$5,000.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for its fund in Ceramic Engineering.
- q. \$5,000.00 from General Motors Corporation, Warren, Michigan, for research in Metallurgical Engineering.
- r. \$5,000.00 from The Southgate Development Corporation, Newark, Ohio, for scholarships for the Newark Campus.

3. Establishment of Named Fund

- a. \$7,000.00 for the establishment of The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund.

The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund

The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund was established November 3, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Donald Casey Hambleton through the Ohio Association of Real Estate Boards.

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

The annual income from this fund is to be used for a scholarship or scholarships to students enrolled in real estate studies within the College of Administrative Science, said students to be selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the University Scholarship Committee 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 of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.

\*

\*

\*

IV. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of material, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Arps Hall, Chemical Engineering, Denney Hall, Hamilton Hall-Interior Maintenance 1972

There has been no major interior maintenance on these buildings in the last eight years. This project will accomplish the necessary repairs to the aged and deteriorated plaster where needed, paint the walls and hang wall coverings, and washing of walls.

Funds for this project will be provided from Budget Account 125064 (Contract Repair).

B. Southeast Ohio Area Extension Center

The Southeast Ohio Area Extension Center will be located in Noble County and will provide agricultural extension services for the area.

Funds for this project will be provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

V. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award subject to further negotiations with the Contractors in the best interest of the University and the State of Ohio:

A. University Hall Complex

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 11-1-72)		
Central Ohio Construction, Inc.		
(Columbus)		
Base bid	\$2,877,269.00	\$2,891,759.00
Alt. G-1 Auditorium Building	+ 489,734.00	+ 438,832.00
Total Contract	<u>\$3,367,003.00</u>	<u>\$3,330,591.00</u>

November 3, 1972 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hall Complex (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(8 bids received 11-1-72)		
Limbach Company* (Columbus)		
Base bid	\$ 143,600.00	\$ 161,990.00
Alt. P-1 Auditorium Building	+ 35,475.00	+ 35,000.00
Total Contract	<u>\$ 179,075.00</u>	<u>\$ 196,990.00</u>
<u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(9 bids received 11-1-72)		
Limbach Company (Columbus)		
Base bid	\$ 731,150.00	\$ 782,900.00
Alt. H-1 Auditorium Building	+ 125,800.00	+ 122,400.00
Total Contract	<u>\$ 856,950.00</u>	<u>\$ 905,300.00</u>
<u>Electrical Contract</u>		
(7 bids received 11-1-72)		
States Electric Company (Columbus)		
Base bid	\$ 520,470.00	\$ 439,629.00
Alt. E-1 Auditorium Building	+ 122,600.00	+ 97,000.00
Total Contract	<u>\$ 643,070.00**</u>	<u>\$ 536,629.00</u>
<u>Total All Contracts</u>	<u>\$5,046,098.00***</u>	<u>\$4,969,510.00</u>

\*The low bidder for the Plumbing Contract is presently documenting for the Director of Public Works an arithmetical error in the preparation of his bid. This resulted in a bid thirty per cent below the estimate and \$30,000 below the second low bidder. In anticipation of the Department of Public Works action to allow the withdrawal of the incorrect bid, the second low bidder is included as the successful bidder in this recommendation.

\*\*All Electrical Contract bids were over the Estimate of Cost but because of adequate competition as indicated by the number of bids, it is believed that better bids could not be obtained by readvertising. Since the bid is within the available funds, the award is recommended subject to the approval of the State Controlling Board.

\*\*\*The total of all bids is within the project funds, \$5,980,543.00.

November 3, 1972 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hall Complex (continued)

Funds for this project have been provided from HB 531, Item 315-078, HB 988, Item 315-078.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the above recommendation regarding further negotiations and subsequent award of contracts within the available funds was approved and the action of the Acting Vice President for Administrative Operations ratified by unanimous roll call vote.

\* \* \*

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 8 Approves the purchase of Lot No. 6 of the John A. Evan's College View Addition, more commonly known as 115-117 West Eleventh Avenue, Columbus, Franklin County, Ohio, at a purchase price of \$31,000. This purchase is from General University Funds.
- 9 Approves the purchase of Lot No. 23 of the John A. Evan's College View Addition, more commonly known as 118 West Tenth Avenue, Columbus, Franklin County, Ohio, at a purchase price of \$20,000. This purchase is from General University Funds.
- 10 Approves the purchase of Lot No. 25 of the John A. Evan's College View Addition, more commonly known as 128 West Tenth Avenue, Columbus, Franklin County, Ohio, at a purchase price of \$19,000. This purchase is from General University Funds.

\* \* \*

VII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Mildred E. Newton, Professor Emeritus and former Director of the School of Nursing; Eunice Ryan, Associate Professor Emeritus in the School of Home Economics; and Ellsworth E. Reese, Assistant Professor Emeritus in the College of Optometry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Mildred E. Newton

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 26, 1972, of Mildred E. Newton, Professor Emeritus and former Director of the School of Nursing.

November 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Mildred E. Newton (continued)

Dr. Newton brought to nursing a respect for nursing as a field of study and practice and a belief in the dignity of man that helped to bring esteem to the nursing profession.

A native of Iowa, Dr. Newton earned a certificate of graduate nurse from Evanston Hospital School of Nursing together with a Bachelor of Science from Northwestern University. She received a Master of Arts in Education from the University of Southern California and the Doctor of Education from Stanford University.

During her career she held teaching and administrative posts in three institutions. At Pasadena Hospital and Junior College from 1925-1934 she held positions of Supervisor, Instructor and Director of its School of Nursing; at the University of California from 1934-1951 she held positions as Supervisor and Instructor, and during the last seven of those years served as Assistant Professor and Assistant Dean of its School of Nursing. In 1951 she came to The Ohio State University as Professor and Director of the School of Nursing, a position which she held until her retirement in July, 1968.

A believer in professional association activities, Dr. Newton was generous in her time and talent to the programs and activities of many groups and in particular to the National League for Nursing from the time of its organization in 1951 until her retirement. She was a member of its first collegiate Board of Review for Accreditation and later served on many of the League's other committees and on its Board of Directors. She held chairmanships of the League's Committee on Maternal and Child Nursing; its Council of Member Agencies Department of Baccalaureate and Higher Degree Programs; its interim Committee on Accreditation Policies and Procedures; and the Committee to Revise the Fee Structure.

Dr. Newton was a member of the American Council on Education, serving on its Committee on Civil Defense and Higher Education. She was Nursing Consultant to the Education and Training Division of the U. S. Department of the Army, Office of the Surgeon General, and was a member of the Defense Advisory Committee on Women in the Services to the U. S. Department of Defense.

For five years Dr. Newton served on the Nursing Advisory Committee to the W. K. Kellogg Foundation and from 1962-1967 was chairman of the Nurse Scientist Training Grant Committee in the Division of Nursing, U. S. Public Health Service.

Dr. Newton was elected to Sigma Theta Tau and Alpha Tau Delta, honor societies in nursing, and to Pi Lambda Theta, education honorary, from which she received the Central Ohio Alumnae Chapter's Annual Citation for contribution to teaching. She was selected by students to be the faculty member awarded membership in Alpha Lambda Delta, a freshman honorary, and in Mortar Board, a senior women's honorary.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Mildred E. Newton (continued)

She was a member of Altrusa International and of the National League of American Pen Women.

Dr. Newton was widely sought as speaker and was a regular contributor to the professional journals.

A student of history and philosophy, Dr. Newton was particularly interested in the life of Florence Nightingale as the founder of modern nursing and in the lives of the early leaders in nursing in this country. She inspired many students with her accounts of the rich heritage which has come to nursing through the contribution of these early leaders. In recognition of her interest in history, she was the recipient of a beginning collection of nursing stamps. Following this she became a student of stamps in medicine and nursing and added many stamps to the collection. After her retirement from teaching she organized the collection into four volumes. These depict the history of the International Red Cross, the history of medicine and nursing, world attempts to eliminate crippling diseases, and recognition given to individuals who made outstanding contributions to health. Shortly before her death she donated this collection to the Health Center Library at The Ohio State University.

In recognition of her contribution to nursing and to The Ohio State University, nursing alumni contributed monies for her portrait in oil to be done for presentation on the occasion of the 50th Anniversary of the School in 1964. In 1966 a fund was begun by contributions from graduates, faculty and students for the purpose of establishing a chair in her name at The Ohio State University. Until the fund is large enough to support a chair, interest accruing from it is being utilized for scholarships.

In 1969, she was awarded the National League for Nursing's Adelaide Nutting Award and in 1970 The Ohio State University bestowed on her one of its Centennial Achievement Awards.

Though Miss Newton's contributions to education and teaching, to nursing organizations, and to research and writing have been noteworthy, her contributions to the development of individuals--faculty, students, and associates--have been even greater. Her sincere belief that every person has worth permeated her every contact with people. Through her beliefs and actions she enabled faculty and students to achieve their individual potential, transcending even their own expectations.

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

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. Eunice Ryan

The Board of Trustees expresses its sorrow at the death on October 6, 1972, of Eunice Ryan, Associate Professor Emeritus in the School of Home Economics.

Miss Eunice Ryan was born in 1890 in Madison, Wisconsin. She received her Bachelor of Science degree from the University of Wisconsin in 1914 and her Master of Arts degree from Columbia University in 1921. After teaching textiles and clothing in high schools and colleges in North Dakota, Minnesota, and Texas, she joined the faculty of the School of Home Economics as an Instructor in textiles and clothing in 1924. She rose to the rank of Associate Professor and retired in 1959 as Associate Professor Emeritus. Miss Ryan was a highly competent classroom teacher. She was a specialist in the clothing field particularly its design, construction, and economic aspects.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and 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 of Miss Ryan as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Ellsworth E. Reese

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 17, 1972, of Ellsworth Edwin Reese, Assistant Professor Emeritus in the College of Optometry.

Dr. Reese was born in Westerville, Ohio, in 1905. He attended the Westerville public schools. From 1923 to 1925 he attended Otterbein College. In 1925 he entered The Ohio State University, where in 1929 he received the Bachelor of Science degree with a major in Optometry. He then entered the private practice of optometry in Westerville.

In 1937, when the graduate program in physiological optics was established at The Ohio State University, he was one of the first three students to receive the Master of Science degree, which he was awarded in 1939. His research dealing with accommodative responses under monocular and binocular seeing conditions has served as a basis for improved optometric prescribing, and the results of these studies have been extensively cited.

Dr. Reese was a past president of the Westerville Lions Club and was a Fellow of the American Academy of Optometry. In 1949 Dr. Reese joined the part-time clinical faculty of the School of Optometry with the rank of Instructor, and he was promoted to Assistant Professor in 1951. He served in this capacity until 1970, when he retired. Dr. Reese was a member of the American Optometric Association, the Ohio Optometric Association, and the Central Ohio Optometric Society.

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Ellsworth E. Reese (continued)

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.

\* \* \*

IX. REPORTS

A. Expenses for Designated Administrative Officials

Mr. Safford moved that the Finance and Investment Committee be authorized 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 interests of the University.

Mr. Shocknessy seconded the motion which was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 2, 1972, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1972, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Distribution of Annual Financial Reports 1971-1972

Executive Director I eggett distributed and commented briefly on the Financial Report of The Ohio State University and the Financial Report of Endowment Funds. These reports were prepared for the fiscal year ended June 30, 1972. A copy of each report was filed with the official records of the Board of Trustees.

D. President Enarson's Report on the University's Biennial Budget Request

President Harold L. Enarson in his monthly report to the Board discussed the University's biennial budget request which has been filed with the Ohio Board of Regents.

\* \* \*

November 3, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, December 1, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John H. Dunlap  
Vice Chairman

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

Columbus, Ohio, December 1, 1972

The Board of Trustees met at its regular monthly meeting on Friday, December 1, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John H. Dunlap, Vice Chairman, James W. Shocknessy, Don M. Hilliker, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

December 1, 1972 meeting, Board of Trustees

Mr. John H. Dunlap, Vice Chairman, presided at this meeting in the absence of the Chairman, Mr. Eckley.

---

REPORT BY ACTING CHAIRMAN

Mr. Dunlap, Acting Chairman of the Board of Trustees, and on behalf of the Board, congratulated the administration and students for the orderly nature of the celebration following the Michigan football game. Mr. Shocknessy added the Board's commendation to Coach Hayes, his staff, and the team for bringing the football championship to the University and the bid to the Rose Bowl.

Mr. Dunlap thanked Mr. Michael White on behalf of the Board for the invitation to participate in a "Trustee Day" and indicated that the members of the Board were pleased to accept this invitation. The Board requested that the Administration work with Mr. White on details of the agenda and time.

---

President Enarson also thanked Michael White for proposing the "Trustee Day" and the Board for accepting the invitation. He said he was confident that the Board members who spent the day on the campus would find it an enjoyable experience.

President Enerson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Department of Black Studies

The University Senate on November 21, 1972, approved the recommendation from the Council on Academic Affairs that a Department of Black Studies be established.

The present Division of Black Studies meets the existing requirements for departmental status including the minimum number of well-qualified faculty members in the ranks of Assistant Professor, Associate Professor, and Professor. The Black Studies Division has a fully established curriculum of demonstrated academic quality and has shown a rapid and substantive growth with enrollments well above the suggested minimum of 1,000 credit hours per quarter.

President Enarson recommended that a Department of Black Studies be established, effective immediately.

December 1, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Doctor of Arts Program in Economics

The Board of Trustees at the September 10, 1970, meeting authorized the offering of the Doctor of Arts degree by this University. The Committee on Curriculum Affairs of the College of Social and Behavioral Sciences, the Graduate Council, the Council on Academic Affairs, and the University Senate at its meeting on November 21, 1972, recommend that a program in Economics leading to the Doctor of Arts degree be offered.

President Enarson recommended that the proposal of the University Senate be adopted, and pursuant to Section 3333.04 of the Revised Code of Ohio, with this approval the proposal be forwarded to the Board of Regents for approval.

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

C. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 15, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix V, page 259.)

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Naming of "Natural Area" on The Ohio State University Lima Campus

Upon the recommendation of the students, faculty, and administrators of The Ohio State University Lima Campus, and with the concurrence of the President's Cabinet, it was proposed that the tract of land which has been designated in the Master Plan for the Lima Campus as a "natural area" be officially named the "Tecumseh Natural Area" in recognition of the significant influence Chief Tecumseh of the Shawnee Indian Tribe had upon the history of the Lima community.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

December 1, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Lincoln Tower Dormitory Facility

President Enarson recommended that the following resolution be adopted:

WHEREAS, there is no foreseeable or anticipated need for Lincoln Tower as a residence hall facility based upon current and projected enrollment trends, the enrollment limitation established by the Ohio General Assembly, and the best judgment of this University's administration, and

WHEREAS, there has been and continues to be an urgent need for a facility which would provide the needed space and the physical consolidation for the College of Social and Behavioral Sciences, and

WHEREAS, Lincoln Tower would lend itself to this use with selective remodeling at a cost considerably less than that of a new structure for this purpose,

THEREFORE, BE IT RESOLVED that the President be directed to proceed to seek approval from the Board of Regents for the appropriation of the necessary funds from the General Assembly for the acquisition and necessary remodeling of Lincoln Tower to satisfy the space needs of the College of Social and Behavioral Sciences.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above resolution was adopted by unanimous roll call vote.

\* \* \*

II. PERSONNEL CHANGES

Personnel changes since the November 3, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Change in Responsibility, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Responsibility

Thomas E. Powers from Professor in the Department of Veterinary Physiology and Pharmacology to Professor in and Acting Chairman of the Department of Veterinary Physiology and Pharmacology, effective December 1, 1972, at a salary of \$25,248.00 per annum (12-month appointment).

B. Leaves of Absence Without Salary

Raphael D. Levine, Professor, Department of Chemistry, effective October 1, 1972 through March 31, 1973, to write a book in the field of chemical kinetics.

December 1, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES

B. Leaves of Absence Without Salary (continued)

Earl Finbar Murphy, Professor, College of Law, effective October 23, 1972 through September 30, 1973, to work for the Ohio Environmental Board of Review.

Mary Ellen Echelbarger, Instructor, School of Nursing, effective November 20, 1972 through March 25, 1973, for personal reasons.

Kenneth A. Harkness, Instructor, Department of Agricultural Engineering, effective November 1, 1972 through April 30, 1973, to work on Ph. D. dissertation and to engage in a professional development program in food engineering by working with a commercial firm.

Marjorie K. Mealy, Instructor (County Extension Agent, Home Economics) Trumbull County, Cooperative Extension Service, effective August 15, 1972 through June 30, 1973, to accept a graduate assistantship at the University of Kentucky.

C. Emeritus Titles

Doris E. Gilmore, School of Home Economics, with the title Professor Emeritus, effective November 1, 1972.

Vivian I. Johnston, Cooperative Extension Service, with the title Professor Emeritus, effective December 1, 1972.

Emil Malinovsky, Department of Poultry Science, with the title Professor Emeritus, effective December 1, 1972.

Helen D. Terrill, Cooperative Extension Service, with the title Professor Emeritus, effective October 1, 1972.

President Enarson recommended that the Change in Responsibility, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the November 3, 1972 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Finance and Treasurer	7	\$ 419,689.00
The Ohio State University Research Foundation	31	2,235,428.00
The Engineering Experiment Station	3	98,349.00
The Ohio State University Development Fund	12,714	2,029,157.76

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mrs. James, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. \$213,860.00 granted by The Ford Foundation, 320 East 43rd Street, New York, New York, to the University for development of a program to prepare principals and other administrators for schools in urban neighborhoods under the direction of the College of Education, for the period June 1, 1972 through August 31, 1973. (Grant No. 690-0635B)
2. \$100,000.00 additional grant by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration - Developmental Disabilities, Chicago, Illinois, to the University for University Affiliated Facilities - Administrative Support, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. 59-P-25294/5-01, Amendment No. 1).
3. \$50,000.00 granted by Trustees of Indiana University, Bryan Administration Building, Bloomington, Indiana, to the University to conduct an Education Professions Development Act Center/Satellite Project, under the direction of the Academic Faculty of Special Services, for the period ending June 30, 1973.
4. \$40,200.00 granted by the United States Government, Agency for International Development, Washington, D. C., to the University for International Programs in Agriculture, under the direction of the College of Agriculture and Home Economics, for the period October 1, 1972 through June 30, 1973. (Contract No. AID/nesa-147-14)
5. \$10,000.00 granted by the City of Columbus, Division of Workhouse, Columbus, Ohio, to the University for the development and presentation of a course in understanding human behavior for Columbus Workhouse personnel, under the direction of the Office of Educational Services, Division of Continuing Education.
6. \$4,629.00 granted by Ohio Rehabilitation Services Commission, New Careers Program, Columbus, Ohio, to the University for academic training in a New Careers Program for Rehabilitation Aide Trainees, under the direction of The Ohio State University - Lima Campus, for Autumn Quarter, 1972 and Winter Quarter, 1973.
7. \$1,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the United States Loan Program for Cuban Students, under the direction of the Office for Student Financial Aids, for the Autumn Quarter. (Appropriation No. 7530573)

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period October 14, 1972 through November 10, 1972.

1. Federal Research Contracts

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-F - Mod. #7 - Department of Zoology).  
Gross Value - \$19,000.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Plastic-Strain Controlled Failure Criteria and Design Parameters (to be known as Project No. 2840-A - Mod. #2-1 - Department of Metallurgical Engineering).  
Gross Value - \$10,577.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #6 - Department of Veterinary Pathobiology).  
Gross Value - \$55,209.00.
- d. Department of the Navy, Office of Naval Research, Arlington, Virginia, Voice Communication (to be known as Project No. 2928 - Mod. #4 - Department of Speech Communication).  
Gross Value - \$29,076.00.
- e. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Radioprotective Agents - Stereochemical Studies (to be known as Project No. 3363-A1 - Mod. #P-302 - College of Pharmacy).  
Gross Value - \$28,035.00.
- f. Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Environmental Study of Paint Creek Lake, Ohio (to be known as Project No. 3504-A1 - New - Department of Zoology and Center Lake Erie Area Research, College of Biological Sciences).  
Gross Value - \$46,746.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- g. Agency for International Development, Washington, D. C., Agricultural Economics Research Advisory Project with EAPA/SUPI AN (to be known as Project No. 3578-A1 - New - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$55,860.00.

TOTAL - Federal Research Contracts \$244,503.00

2. Industrial and Other Research Contracts

- a. The City of New York, Health Services Administration, New York, New York, Methods for Prolonging Action of Narcotic Antagonists (to be known as Project No. 3544-A1 - New - College of Pharmacy).  
Gross Value - \$50,932.00.
- b. University of Alaska, Tundra Biome Center, College, Alaska, The Structure and Function of the Tundra Ecosystem (to be known as Project No. 3577-A1 - New - Institute of Polar Studies).  
Gross Value - \$3,339.00.
- c. Medical Advances Institute, Columbus, Ohio, Computerized Medical Review System (to be known as Project No. 3585-A1 - New - Departments of Preventive Medicine and Pediatrics).  
Gross Value - \$23,429.00.

TOTAL - Industrial and Other Research Contracts \$77,700.00

3. Federal Research Grants

- a. Environmental Protection Agency, Office of Air Programs, Washington, D. C., Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-I - Ext. #11 - Department of Chemistry).  
Gross Value - \$89,489.00.
- b. Environmental Protection Agency, Office of Air Programs, Washington, D. C., Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-I-1 - Ext. #11 - Department of Electrical Engineering).  
Gross Value - \$17,280.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-H - Sup. #1 - Department of Biochemistry).  
Gross Value - \$4,498.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-C - Ext. #3 - School of Nursing).  
Gross Value - \$87,618.00.
- e. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3-, 2-, 1-Bicyclic Mechanism (to be known as Project No. 2933 - Sponsor ltr. dtd. 10/19/72 - Department of Chemistry).  
Gross Value - \$39,900.00.
- f. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #3 - Department of Electrical Engineering).  
Gross Value - \$23,200.00.
- g. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - Sup. #2 - Department of Geodetic Science).  
Gross Value - \$15,000.00.
- h. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - Amend. #2 - Institute of Polar Studies).  
Gross Value - \$6,000.00.
- i. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Stimulus Encoding in Human Learning and Retention (to be known as Project No. 3334-A2 - Ext. #1 - Department of Psychology).  
Gross Value - \$18,288.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- j. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as Project No. 3397-A1 - Sponsor ltr. dtd. 10/10/72 - Department of Chemistry).  
Gross Value - \$29,000.00.
- k. Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., Service Organizations and Clients (to be known as Project No. 3441-A1 - Revised Award dtd. 9/27/72 - Mershon Center for Education in National Security).  
Gross Value - \$37,120.00.
- l. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, Ohio Regional Medical Program (to be known as Project No. 3533-A1 - New - The Ohio State University Research Foundation).  
Gross Value - \$1,323,520.00.
- m. National Science Foundation, Washington, D. C., Elastic and Plastic Properties as Influenced by Interfaces (to be known as Project No. 3573-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$49,400.00.
- n. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Evaluation of a Pulsed Ultrasonic Doppler Flowmeter (to be known as Project No. 3574-A1 - New - Department of Engineering Mechanics).  
Gross Value - \$9,842.00.
- o. Department of Interior, Office of Water Resources Research, Washington, D. C., Cost Effectiveness Analysis of Regional Flood Plain Management Activities (to be known as Project No. 3579-A1 - New - Department of Industrial and Systems Engineering and School of Architecture).  
Gross Value - \$62,306.00.
- p. National Science Foundation, Washington, D. C., Coulometric Deoxidation of Liquid Metals (to be known as Project No. 3580-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$80,500.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- q. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Linguistics (to be known as Project No. 3582-A1 - New - Department of Linguistics).  
Gross Value - \$800.00.

TOTAL - Federal Research Grants \$1,893,761.00

4. Industrial and Other Research Grants

- a. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Chromium and Coronary Artery Disease (to be known as Project No. 3353-A2 - Ltr. dtd. 11/3/72 - Department of Pathology).  
Gross Value - \$5,531.00.
- b. American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio, Cerebral Ischemia During Cardiac Resuscitation (to be known as Project No. 3575-A1 - New - Department of Surgery).  
Gross Value - \$3,843.00.
- c. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Cerebral Ischemia During Cardiac Resuscitation (to be known as Project No. 3575-B1 - New - Department of Surgery).  
Gross Value - \$3,843.00.
- d. American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio, Colloid Infusion - New Approach to Therapy of Pulmonary Edema in Man (to be known as Project No. 3583-A1 - New - Department of Medicine).  
Gross Value - \$6,247.00.

TOTAL - Industrial and Other Research Grants \$19,464.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period October 14, 1972 through November 13, 1972.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
 (continued)

C. Engineering Experiment Station (continued)

1. Government Research Contract

EES 278X     Investigations of Traffic Dynamics by Aerial Photogrammetry  
 Ext. #10     Techniques, Ohio Department of Highways, Columbus, Ohio.  
 Gross Value - \$83,257.00.

2. Industrial Research Contracts

EES 431     Study of Forces Generated by Flow in a Circular Steam  
 Separator, Pennsylvania Separator Company, Brookville,  
 Pennsylvania.  
 Gross Value - \$1,200.00.

EES 432     Response of Boom Structures, Marion Power & Shovel  
 Company, Inc., Marion, Ohio.  
 Gross Value - \$13,892.00.

TOTAL - Industrial Research Contracts \$15,092.00

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through October 31, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	12,193		\$ 257,716.64
Major Resources Group:			
Major Individual Gifts	191	\$798,534.36	
Corporate Gifts	190	457,517.49	
Foundation and Non- profit Organiza- tion Gifts	<u>140</u>	<u>515,389.27</u>	
Total			<u>1,771,441.12</u>
Grand Total	12,714		\$2,029,157.76

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More

- a. \$189,825.35 from the Estate of Hazel C. Youngberg, San Francisco, California, to be added to the Hazel C. Youngberg Memorial Fund.
- b. \$22,500.00 from Eastman Kodak Company, Rochester, New York--\$10,000.00 for the Department of Chemistry, \$7,500.00 as an unrestricted gift to the University, and \$5,000.00 for the Department of Chemical Engineering.
- c. \$21,211.76 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine.
- d. \$15,600.00 from Eli Lilly & Company, Indianapolis, Indiana, for research in the Department of Medical Microbiology.
- e. \$10,000.00 from the Estate of Russell E. Lightner, Circleville, Ohio, for the College of Medicine.
- f. \$10,000.00 from The Richland County Foundation, Mansfield, Ohio, for student athlete grant-in-aid.
- g. \$10,000.00 from Shell Companies Foundation, Houston, Texas--\$5,000.00 for its fellowship in Mechanical Engineering and \$5,000.00 for Chemical Engineering.
- h. \$9,600.00 from New England Board of Higher Education, Columbus, Ohio, to support research on Veterinary Medical Programs.
- i. \$6,500.00 from Abbott Laboratories, North Chicago, Illinois, for research in the College of Medicine.
- j. \$6,000.00 from Paperboard Packaging Council, Washington, D. C., to support a research project in the Department of Food Science and Nutrition.
- k. \$5,500.00 from American Oil Foundation, Chicago, Illinois, for its fellowship in Chemical Engineering.
- l. \$5,433.30 from the Grand Chapter of Ohio, Order of the Eastern Star, New Lexington, Ohio, for cancer research.
- m. \$5,000.00 from W. E. Chope Foundation, Coral Gables, Florida, for a Dean's discretionary fund in the College of Medicine.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- n. \$5,000.00 from the Duriron Company, Inc., Dayton, Ohio, for its Professorship in Metallurgical Engineering.
- o. \$5,000.00 from Foundation for Endowment of a Chair at The Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in the College of Administrative Science.
- p. \$5,000.00 from The Harry C. Moores Foundation, Gahanna, Ohio, for its scholarship fund in Dairy Technology.
- q. \$5,000.00 from Lydia W. Pollack, Columbus, Ohio, to establish an endowed scholarship in the College of I.aw.

3. Establishment of Named Funds

- a. \$10,000.00 from friends of Professor L. E. Kunkle for the establishment of the L. E. Kunkle Student Development Fund.

L. E. Kunkle Student Development Fund

The L. E. Kunkle Student Development Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from many friends of Professor I. E. Kunkle, Student and Professor of Meat Science at The Ohio State University for 44 years, on the occasion of 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 one or more scholarships for undergraduate and/or graduate students who have demonstrated academic ability in Meat Science and need for financial assistance. The selection of the recipient is to be upon the recommendation of the Meat Science faculty. If additional income accrues, it may be used to further student development in the areas of academic excellence and industry relations.

Should the need for the designated student assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the field of Animal Science.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

- b. \$6,937.50 from the Estate of Elizabeth F. De Golier Jones for the establishment of the De Golier Scholarship Fund.

De Golier Scholarship Fund

The De Golier Scholarship Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Elizabeth F. De Golier Jones, late of Cincinnati, Ohio.

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

The annual income is to be used to provide scholarship assistance to a student or students who are enrolled in the College of Veterinary Medicine and who have met the requirements of the University Scholarship Committee.

Should the College of Veterinary Medicine cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for veterinary medicine.

- c. \$5,000.00 from Mrs. Margaret W. Kahliff for the establishment of The William T. Kahliff Scholarship Fund.

The William T. Kahliff Scholarship Fund

The William T. Kahliff Scholarship Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Margaret W. Kahliff, Elyria, Ohio, in memory of her husband, Mr. William T. Kahliff.

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

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

c. The William T. Kahliff Scholarship Fund (continued)

The annual income is to be used to provide one or more scholarships for students enrolled in the School of Natural Resources who have demonstrated academic ability and need for financial assistance. Preference in selection of the recipient(s) is to be given to students from the Cleveland area. The selection of the recipient(s) is to be made by the University Committee on Financial Aid upon the recommendation of the Scholarship Committee of the School of Natural Resources.

Should the need for the scholarships cease to exist or so diminish as to provide unused income, then the remainder of the fund may be used for any academic purpose whatsoever as determined by the Director of the School of Natural Resources.

d. \$1,850.00 from friends of Rice A. Hershey for the establishment of the Rice A. Hershey Memorial Fund.

Rice A. Hershey Memorial Fund

The Rice A. Hershey Memorial Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from many friends of the late Rice A. Hershey, B. A. '26, J. D. '28.

The income is to be used for scholarships in the College of Law.

In case the need for such scholarships should cease to exist, or so diminish as to create unused income, then the income from this Fund may be used for any purpose in the College of Law as determined by the Dean or Chief Executive Officer of said College of Law.

E. Agreement Between The Ohio State University and The Ohio Historical Society

On March 18, 1970, the Board of Trustees approved an Agreement between The Ohio State University and The Ohio Historical Society regarding the Zoological Collection housed in the basement of Sullivant Hall (formerly known as the Ohio Historical Museum).

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

E. Agreement Between The Ohio State University  
and The Ohio Historical Society (continued)

The Ohio Historical Society now proposes to update and amend this Agreement, the principal amendment provides for the position of curator which was formerly shared by both organizations to be separated into two positions--one funded by the Historical Society and one by the University with reciprocal courtesy appointments.

It was recommended that the President of The Ohio State University be authorized to sign this amended Agreement with The Ohio Historical Society, and that the Agreement be incorporated into the official records of the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\* \* \*

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Parking Ramp - Medical Area

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,004,393.00	\$3,003,362.54	(\$1,030.46)

Various revisions and deletions were made to this job due to conditions found during process of construction.

The credit on this contract has been reflected in Budget Account 801031 (Parking Ramp - Medical Area).

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\* \* \*

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Hopkins Hall and Hughes Hall--Exterior Masonry Repairs

This project will replace deteriorated mortar joints and related repairs which will prevent major repairs at a later date.

Funds for this project will be provided from Budget Account 125064 (Contract Repair).

B. Northwest Parking Ramp

This project will provide for a parking ramp to accommodate vehicles excluded from the Central Academic Area, thereby fulfilling the requirements of the Comprehensive Master Plan for a pedestrian campus.

Funds for this project will be provided from Parking Revenues.

C. Sisson Hall, Electrical Renovation and Air Conditioning

This project will provide air conditioning of the remaining areas of Sisson Hall to permit full utilization of teaching and research space on a year-round basis, and will improve the electrical system which is presently overloaded.

Funds for this project will be provided from SB 457 (Utilities and Renovations) and Budget Account 801291 (Sisson Hall, Electrical Renovation and Air Conditioning).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

December 1, 1972 meeting, Board of Trustees

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY (continued)

- 11 Approves the award of an extra order without competitive bidding on the project "Journalism Building Expansion" in order to correct structural defects discovered during construction. The change order is in the amount of \$38,812.00 and funds are available in Item 315-064 (Journalism Building Expansion).
- 13 Approves the release of \$5,695,741.75 for the award of contracts on the project "University Hall Complex" notwithstanding the fact that the low bid on the electrical contract exceeds the estimate of cost. Funds for this project are available in Item 315-078 (University Hall Complex).
- 14 Approves the release of \$20,000.00 for IBM equipment, furniture, files, audio visual equipment and other miscellaneous items for the North Central Ohio Technical College. Funds for these purchases were transferred from the Mansfield Branch, The Ohio State University, Item 315-082 (in cooperation with the North Central Ohio Technical Institute) to the North Central Ohio Technical College, Item 380-001.
- 15 Approves the purchase of part of Lot 9, John A. Evan's College View Addition, more commonly known as 1627 Highland Street, Columbus, Franklin County, Ohio, at a purchase price of \$23,000.00.

\*

\*

\*

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - Marysville Veterinary Clinic - Underground Electric Line, The Dayton Power and Light Company

The Dayton Power and Light Company has requested a ten-foot easement across University lands at the rear of The Ohio State University Marysville Veterinary Clinic.

President Enarson recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for installation of the underground electric cable for the standard easement charge established by that office.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.

December 1, 1972 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Purchase of Building and Property - South Campus

President Enarson recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 9, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 1627 Highland Street, from Thomas L. and P. M. Bassett, at a purchase price of \$23,000.00.

This parcel will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 for the purchase of the property.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

\*

\*

\*

VIII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Elvin F. Donaldson, Professor Emeritus, Academic Faculty of Finance in the College of Administrative Science; James G. Haub, Professor Emeritus in the Department of Zoology; Josephine H. MacLatchy, Associate Professor Emeritus in the College of Education; and LeRoy M. Tucker, Associate Professor Emeritus in the Department of Engineering Mechanics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Elvin F. Donaldson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 29, 1972, of Elvin F. Donaldson, Professor Emeritus, Academic Faculty of Finance in the College of Administrative Science.

Dr. Donaldson was born in Athens, Ohio, on April 21, 1903. He received his bachelor's, master's, and doctor's degrees in Business Organization from Ohio State and was a member of the faculty of the present College of Administrative Science from 1925 until his death.

Dr. Donaldson was a versatile individual. From 1923 to 1925, he served as student director of The Ohio State University band and from 1925 to 1929, he was assistant director of the band in charge of band formations. The marching band under Elvin Donaldson was the first band in the country to play

December 1, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Elvin F. Donaldson (continued)

while going into formations. Several other Donaldson creations are still used by the band including the ramp entrance, the floating formation, the quick-step march, and the Revolving O used as the band goes into "Script Ohio."

Dr. Donaldson was promoted to Associate Professor of Business Organization in 1941 and attained the rank of Professor in 1946. His teaching abilities in undergraduate, graduate, and continuing education finance courses were widely recognized by both students and faculty. He served as an Instructor at The Graduate School of Savings and Loans at Indiana University every summer from 1949 until 1963 and was in charge of the finance courses of The Ohio State Executive Development Program from its inception in 1955 until 1971.

Dr. Donaldson was the author of three widely used textbooks in finance and was contributing author to two other finance books. He was a member of the American Economics Association and the American Finance Association and from 1961 to 1963 served on the Board of Directors of the latter organization. Dr. Donaldson had an active interest in Delta Sigma Pi (professional business fraternity), Beta Gamma Sigma (honorary business fraternity), and Phi Alpha Kappa (honorary finance 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

B. James G. Haub

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 21, 1972, of James G. Haub, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Haub was born in Racine, Wisconsin, on March 26, 1907. He received his B.S. degree in biology and education from Capital University in 1929, and both his M.S. and Ph. D. degrees from The Ohio State University in 1931 and 1937 respectively.

Dr. Haub began his association with The Ohio State University as a Graduate Teaching Associate in 1932 and was promoted to the rank of Professor in 1958. Prior to assuming his duties at Ohio State, Dr. Haub was a school administrator at Carroll High School and a Visiting Professor at St. Cloud College in Minnesota in 1940.

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. James G. Haub (continued)

His associates will remember Dr. Haub as a dedicated and humble teacher. While at Ohio State University, he co-authored a book with Dr. D. F. Miller in general zoology that was widely used across the continent. In his last twelve years in the Department of Zoology, he was responsible for teaching up to 700 students each quarter in beginning zoology. He pioneered in utilizing television for lectures to large classes even though he personally would have preferred lecturing to individual smaller groups.

Many diverse research interests attracted his curiosity and his publications included topics dealing with invertebrates, physiology, behavior, and other phases of vertebrate biology. He was a Fellow of the Ohio Academy of Science and a member of several other professional organizations. He retired from the University on October 1, 1972, after over 40 years of service in various teaching positions.

Dr. Haub was first a teacher and devoted his major efforts towards providing students with a thorough understanding of zoology. He did this in a quiet, unassuming way despite the great responsibility of consistently large class enrollments of hundreds. The University was indeed fortunate to have such a dedicated teacher, whose first concern was for the student, as a member of the faculty for such a long time. His colleagues will miss his dry wit, his literary talents, and his example of dedicated teaching, an example rarely equaled.

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 small and humble expression of the Board's heartfelt sympathy in its bereavement.

C. Josephine H. MacLatchy

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 4, 1972, of Josephine H. MacLatchy, Associate Professor Emeritus in the College of Education.

Dr. MacLatchy was born in Hillsborough, New Brunswick. She received her A.B. and A.M. degrees from Acadia University and A.M. and Ph.D. degrees from the University of Chicago. For two years she attended Yale University as an Ives Fellow in Philosophy. After teaching at Western State Normal in Kalamazoo, Michigan, she came to The Ohio State University in 1922. In that same year she became managing editor of the Educational Research Bulletin which she helped to found, and remained in this position until her retirement in 1958. Dr. MacLatchy not only had heavy responsibilities in the founding and managing of the Educational Research Bulletin but she also occupied a similar role with The Journal of Higher Education which was launched in 1930.

December 1, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Josephine H. MacLatchy (continued)

Her basic research included two areas, first that of studying young children's knowledge of numbers, and second that of studying vocabulary of elementary school children. Her pioneering study on the familiarity of three-, four-, and five-year olds with measurement has been widely used. Key findings were included in the Twenty-Ninth Yearbook of the National Society for the Study of Education. A second major study related to the role of the Kindergarten and its effect on children in later grades.

Dr. MacLatchy made a major contribution to The Ohio State University and to the field of education through her editing and management of the Educational Research Bulletin and The Journal of Higher Education. Her editing and scholastic standards were exacting and brought high praise from the readers of these two magazines.

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.

D. LeRoy M. Tucker

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 3, 1972, of LeRoy Maddy Tucker, Associate Professor Emeritus in the Department of Engineering Mechanics.

Dr. Tucker was born in Carthage, Missouri, on July 21, 1890. After one year as a student at Ohio Wesleyan University, he attended Washburn College, Topeka, Kansas, from which he received a Bachelor of Arts degree in 1912. From the University of Illinois, he received the degree Bachelor of Science in Railway Civil Engineering in 1923; the Civil Engineering Professional degree in 1928; and the degree Master of Science in Theoretical and Applied Mechanics in 1931. He received a Doctor of Philosophy degree in Geology from The Ohio State University in 1954.

The teaching career of Dr. Tucker included service as Professor and Department Head of Mechanics and Materials at Clemson College from 1926 to 1929; Associate in Theoretical and Applied Mechanics at the University of Illinois from 1929 to 1932; and Assistant and Associate Professor of Engineering Mechanics at The Ohio State University from 1934 until his retirement in 1960.

Dr. Tucker had extensive professional experience. He served as surveyor, designer, and construction engineer for various railway companies for approximately ten years. For a two-year period, he was Urbana, Illinois,

December 1, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. LeRoy M. Tucker (continued)

City Engineer, and also worked as an aircraft structural designer. He had numerous part-time contacts as a consultant, and following his University retirement he worked for the Ohio Department of Highways and was a private consulting engineer geologist.

Dr. Tucker served as Captain, Corps of Engineers, U. S. Army A. E. F. for two years and was a Reservist for 17 years. He was a member and past commander of American Legion Post No. 443. He was a member of First Community Church, and its Chancel Choir and 20th Century Club. His professional and honorary society affiliations included Ohio Society of Professional Engineers, American Society for Engineering Education, Society of American Military Engineers, Geological Society of America, Phi Kappa Phi, Tau Beta Pi, Sigma Tau, Chi Epsilon, Sigma Xi, and Sigma Gamma Epsilon.

Dr. Tucker enjoyed working with students and maintained an active interest in their development through work in honor, professional, and social fraternity groups. He was especially good with slow students who appreciated his patience, thoroughness, and willingness to devote much time to individual work.

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.

\* \* \*

IX. REPORT

A. Report on the University's Investment Portfolio

The report dated December 1, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\* \* \*

Thereupon the Board adjourned to meet Friday, February 2, 1973, at The Ohio State University, Columbus, Ohio, at 1:30 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John H. Dunlap  
Vice Chairman

Page 258 Blank

APPENDIX V

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 15, 1972

Page 260 Blank

## The Recipients of Honors

### HAL OSCAR ANGER

Doctor of Science

*Biomedical researcher and inventor*

In the field of nuclear medicine, much of the equipment used for diagnosis and treatment of related diseases is due to the electronic creativity of Hal Oscar Anger. Not only did he invent and construct the first clinically useful radioisotope camera, which is now in international use, but he was instrumental in developing an improved radioisotope scanning instrument which is gaining global popularity in medical circles.

A responsive interest in the welfare of his fellow man has sparked Hal O. Anger's creation of some of our nation's most far-reaching scientific contributions.

### PAUL JACKSON KRAMER

Doctor of Science

*Plant pathologist and author*

Paul Jackson Kramer has established an international reputation as an effective scientific investigator, author, editor, and teacher in the botanical subdivision of plant physiology. Although well versed in all fields of plant science, he has made extensive research contributions in the field of plant water relations. The world acclaimed Phytotron Facility in North Carolina is due in great part to his personal enterprise.

Paul Kramer's experimentation and extensive bibliography of published works are evidence of his dedication to understanding the complexities of science.

### ELBURT F. OSBORN

Doctor of Science

*Earth scientist, research leader, and administrator*

A nationally respected figure in the field of earth science, Elburt F. Osborn's active service to the scientific community has had widespread significance. In addition to his accomplishments as a leader in research, his current position as Director of the United States Bureau of Mines is witness to his expertise in the administrative realm. Both his research and his administrative interests demonstrate his continuing involvement with the earth and its natural resources.

Elburt Osborn's concerned participation in applying scientific knowledge to useful and productive ends marks him as an effective innovator in his field.

### JESSE OWENS

Doctor of Athletic Arts

*World-renowned athlete and humanitarian*

Internationally known for his athletic achievements, Jesse Owens' formidable record in track and field competition has won him well deserved praise and recognition. His dramatic victories at the 1936 Olympic games alone would be enough to mark him as one of the most outstanding athletes of our time.

But apart from the arenas of athletic competition, Jesse Owens' humane convictions and spirit of selflessness have identified him as personifying the sportsmanship ideal.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and sixty-eight candidates

Choong-Yong Ahn, Taegu, Korea  
B.Econ. (Kyung-Pook National University);  
M.S. (University of Hawaii)  
*Dissertation*: A Recursive Programming Model of  
Regional Agricultural Development in Southern Brazil  
(1960-1970): An Application of Farm Size Decomposition  
*Field of Specialization*: Agricultural Economics and  
Rural Sociology

Michael Dean Alexander, Columbus  
B.S., M.A.  
*Dissertation*: The Contribution of Structural Meaning in  
Judgments About the Evaluative Disposition of a Speaker  
*Field of Specialization*: Psychology

Robert Steven Ambler, Chandler, Okla.  
B.A., M.A. (University of Oklahoma)  
*Dissertation*: The Relationship of Ego-Involvement to  
Message Perception and Retention  
*Field of Specialization*: Speech Communication

Dean Richard Baldwin, Yankton, S. D.  
B.A. (Capital University); M.A.  
*Dissertation*: *Sir Perceval of Galles*: An Edition  
*Field of Specialization*: English

Charles Anthony Barans, Columbus  
B.S.Agr.; M.A. (College of William and Mary)  
*Dissertation*: Seasonal Temperature Selections of White  
Bass, Yellow Perch, Emerald Shiners and Smallmouth  
Bass from Western Lake Erie  
*Field of Specialization*: Zoology

Hubert Harry Basehart, Newcomertown  
B.A. (Kent State University); M.A.  
*Dissertation*: Constituency and Legislative Voting  
Behavior: An Exploratory Analysis of the Effects of  
Issues, Competition, Roles, and the Legislator's Image  
of his District  
*Field of Specialization*: Political Science

Georgia Brown Baumbaeh, Columbus  
B.A.  
*Dissertation*: The Psychology of Flannery O'Conner's  
Fictive World  
*Field of Specialization*: English

John Henry Baumert, Chapel Hill, N. C.  
B.S. (University of Michigan)  
*Dissertation*: Near Infrared Photometry and Absolute  
Magnitudes of Carbon Stars  
*Field of Specialization*: Astronomy

Anar Singh Baweja, Ludhiana, India  
B.Sc. (Ag.), M.Sc. (Ag.) (Panjab University);  
M.S. (University of Guelph, Canada)  
*Dissertation*: Effect of Permanent and pH-Dependent  
Charges on Clay-Phase Retention and Excised Root  
Uptake from Donnan-Type Systems of Vermiculite  
and Kaolinite  
*Field of Specialization*: Agronomy

Mary Sandvold Baxter, Worthington  
A.B. (Oberlin College); A.M.T. (Radcliffe College)  
*Dissertation*: James Boswell: The Imagination of a  
Biographer  
*Field of Specialization*: English

Grace Futerer Beery, Columbus  
A.B. (College of Saint Mary of the Springs); M.S.  
*Dissertation*: Isolation and Identification of  
Immunologically Active Fractions of *Helminthosporium  
Maydis*  
*Field of Specialization*: Botany

James Grant Bender, Columbus  
B.E. (Youngstown University); M.S.  
*Dissertation*: Studies in Synchronous Longitudinal Control  
*Field of Specialization*: Electrical Engineering

Hugh Elias Black, Fairfield  
D.V.M. (Ontario Veterinary College); M.S.  
*Dissertation*: Investigation on Calcium Metabolism in  
Cattle Under Normal, Pathologic, and Experimental  
Conditions  
*Field of Specialization*: Veterinary Pathology

Marilyn Richard Boehm, Columbus  
B.S.  
*Dissertation*: The Mode of Action of Phenethylbiguanide  
on Intestinal Glucose Transport  
*Field of Specialization*: Physiological Chemistry

Gregory Orth Boeshaar, Springfield  
B.S. (Wittenberg University)  
*Dissertation*: Filamentary Structure in Planetary  
Nebulae  
*Field of Specialization*: Astronomy

John David Bossler, Johnstown, Pa.  
B.S.C.E. (University of Pittsburgh); M.S.  
*Dissertation*: Bayesian Inference in Geodesy  
*Field of Specialization*: Geodetic Science

Gregory Lee Bowler, Morgantown, W. Va.  
A.B., A.M. (Indiana University)  
*Dissertation*: Broadcaster Responsibility as Defined in  
the Editorials of *Broadcasting Magazine* and Compared  
to Positions of Industry Spokesmen: An Historical-  
Descriptive Study  
*Field of Specialization*: Speech Communication

Mary Lynne Cox Bowman, Westerville  
B.S.Ed., M.A.  
*Dissertation*: The Development and Field Validation of  
an Instrument to Assess College Students' Attitudes  
Toward the Determinants of Environmental Issues  
*Field of Specialization*: Education

Raymond Joseph Braitsch, Jr., Arlington, Va.  
B.S. (Cornell University); M.S.  
*Dissertation*: A Conditionally Optimal Student Sectioning  
Algorithm  
*Field of Specialization*: Industrial Engineering

Thomas John Brislin, Oak Harbor, Wash.  
B.A. (College of Guam); M.A.  
*Dissertation*: An Analysis of the "Literature of Change"  
with Media Orientation Leading to New Perspectives on  
Communication Study  
*Field of Specialization*: Speech Communication

Larry Wayne Browder, Terre Haute, Ind.  
B.S., M.S. (Indiana State University)  
*Dissertation*: Achievement and Interest Levels of  
1967-1968 Industrial Arts Curriculum Project Students  
in 1972  
*Field of Specialization*: Education

- Bernard Joseph Brunner, Chester, Pa.  
B.S. (Wheeling College); M.S.  
*Dissertation*: Nuclear Spectroscopy of Some Low-Lying Levels in  $^{58}\text{Co}$   
*Field of Specialization*: Physics
- Donald Carl Bulthaupt, Westerville  
B.S. (Indiana Central College); M.S. (Michigan State University)  
*Dissertation*: Gamma Decay of Analog Resonances in  $^{68}\text{Ga}$ ,  $^{67}\text{Ga}$ , and  $^{66}\text{Ga}$   
*Field of Specialization*: Physics
- Lester Gene Butler, Thomas, Okla.  
B.S. Ed. (Central State College); M.A.  
*Dissertation*: A Psycholinguistic Analysis of the Oral Reading Behavior of Selected Impulsive and Reflective Second Grade Boys  
*Field of Specialization*: Education
- Gary Bruce Byrd, Lubbock, Tex.  
B.A., M.A. (Texas Technological College)  
*Dissertation*: The Schwabisch Hall City Council 1500-1530: Municipal Politics on the Eve of the Reformation  
*Field of Specialization*: History
- Lowanne Jones Callander, Bowling Green  
B.A. (Miami University); M.A.  
*Dissertation*: The *Cort D'Amor* a Thirteenth Century Occitan Allegorical Art of Love  
*Field of Specialization*: Romance Languages and Literatures
- Ralph Marlin Carter, Sycamore, Ill.  
B.A. (University of Colorado); M.A. (Middlebury College)  
*Dissertation*: Vocabulary Selection and Supplemental Materials for Advanced Spanish Classes  
*Field of Specialization*: Education
- David Lee Chambers, Toronto, Ont., Canada  
B.P.H.E. (University of Toronto); M.P.E. (University of British Columbia)  
*Dissertation*: An Analysis of the Professional Preparation and Attitudes of Male Secondary School Coaches in Selected Sports in the Province of Ontario  
*Field of Specialization*: Physical Education
- James Vernon Chambers, Willoughby  
B.S., M.S.  
*Dissertation*: The Effect of Selected Factors on the Respiration and Performance of a Model Dairy Activated Sludge System  
*Field of Specialization*: Dairy Technology
- Robert Eoff Chambers, Delaware  
B.S., M.S. (Pennsylvania State University)  
*Dissertation*: DDT, Population Stress and the Adrenal Cortex in Male Rabbits  
*Field of Specialization*: Zoology
- Chin-Nan Rolland Chen, Tainan, Taiwan  
B.Pharm. (Taipei Medical College); M.S. Pharmacy (University of Houston)  
*Dissertation*: A Phytochemical Investigation of the Bark of *Davyphora Sassafras* Endlicher  
*Field of Specialization*: Pharmacy
- Chen-Shu Chiu, Taipei, Taiwan  
B.S. (Cheng Kung University); M.S. (University of Tennessee)  
*Dissertation*: Optimum Array Processing for Detecting Binary Signals Corrupted by Directional Interference  
*Field of Specialization*: Electrical Engineering
- William Howe Cianci, New Britain, Conn.  
A.B. (Providence College); M.S. in Journ. (Northwestern University)  
*Dissertation*: Carl McIntire: A Study of His Philosophy and Use of the Mass Media  
*Field of Specialization*: Speech Communication
- Summer Norman Clarren, Cincinnati  
A.B. (Oberlin College); M.A.  
*Dissertation*: The Effect of Changes in Strategy in a Complex Zero-Sum Game  
*Field of Specialization*: Psychology
- John Andrew Cooley, Dover  
A.B. (Oberlin College); M.A.  
*Dissertation*: The United States and the Panama Canal, 1938-1947; Policy Formulation and Implementation from Munich Through the Early Years of the Cold War  
*Field of Specialization*: History
- Kent William Creswell, Cedarville  
B.A.; A.M. (Wheaton College)  
*Dissertation*: An Historical Descriptive Analysis of the Broadcast Skills Bank—A Cooperative Industry Effort to Involve Minorities in Broadcasting  
*Field of Specialization*: Speech Communication
- Solomon Frederick Cushman, Little Compton, R. I.  
B.A. (Amherst College); M.A. (Wesleyan University)  
*Dissertation*: The Ohio Standard Baseline, 1970-9  
*Field of Specialization*: Geodetic Science
- Paul Anders Dahlquist, Bethlehem, Conn.  
B.A. (Yale University); M.A.  
*Dissertation*: Kohdo Mwonge: The Food Complex in a Changing Ponapean Society  
*Field of Specialization*: Anthropology
- Donald Paul D'Amato, Waukegan, Ill.  
B.A. (Ohio Wesleyan University); M.S.  
*Dissertation*: Search for Low-Lying Levels of the Giant Dipole Resonance in  $^{40}\text{Ca}$  by the  $^{36}\text{K}(p,\gamma)$  Reaction  
*Field of Specialization*: Physics
- Richard Jacob Daniels, Mariemont  
B.A., M.A.  
*Dissertation*: A Study of the Formal and Literary Unity of the N-Town Mystery Cycle  
*Field of Specialization*: English
- Walter Eugene DeKock, Cedar Rapids, Ia.  
A.B. (Central College); M.A. in Ed. (Iowa State Teachers College)  
*Dissertation*: An Analysis of Student Performance Using a Laboratory Oriented High School Physics Program  
*Field of Specialization*: Education
- William Michael Dickson, Pensacola, Fla.  
B. of Pharm. (Washington State University)  
*Dissertation*: An Investigation into the Activities of Community Pharmacists Practicing in a Specified Chain Pharmacy Work Environment  
*Field of Specialization*: Pharmacy

- Omar Ismail El-Khatib, Amman, Jordan  
B.A. (American University at Cairo); M.S. (Syracuse University)  
*Dissertation*: A Functional Plan for Professional Training of Broadcasters in Developing Countries  
*Field of Specialization*: Speech Communication
- Mary Elizabeth Elmendorf, Tampico, Ill.  
B.S. Ed. (Northern Illinois State Teachers College); A.M. (University of Illinois); M.S. Ed. (University of Wisconsin)  
*Dissertation*: Occupational Stereotypes and Holland's Theory  
*Field of Specialization*: Psychology
- Walter Carl Ermiler, Sycamore, Ill.  
B.S. (Northern Illinois University); M.S.  
*Dissertation*: Studies of Molecular Properties in the Hartree-Fock Approximation  
*Field of Specialization*: Chemistry
- †Ellen Louise Frankenberg, Oxford  
A.B. (College of Mount Saint Joseph on the Ohio); M. Ed. (Xavier University)  
*Dissertation*: Self-Actualization and Environment: The Personal Orientation Inventory as a Measure of Personal Growth Among Undergraduates in a Living-Learning Community  
*Field of Specialization*: Education
- Grover Thomas Frederick, Cleveland  
B.S., M.S.  
*Dissertation*: Immunological Responses to Glycerol-Teichoic Acids  
*Field of Specialization*: Microbiology
- Robert Louis Gaffey, Pittsburgh, Pa.  
B.A., M.E. (Duquesne University)  
*Dissertation*: An Investigation of the Concurrent Validity of Holland's Theory  
*Field of Specialization*: Psychology
- James Micheal Gardner, Columbus  
B.A. (City College of New York); M.A. (Hunter College)  
*Dissertation*: Training Nonprofessionals in Behavior Modification  
*Field of Specialization*: Psychology
- William Robert Gemma, Clinton, Mass.  
B.A. (University of Maryland); M.H.A. (University of Minnesota)  
*Dissertation*: A Study of the Nature and Function of Emergency Medical Services Advisory Councils in Relation to Selected Community Variables  
*Field of Specialization*: Preventive Medicine
- Mary Merullo Gnezda, Worthington  
B.A. (Ohio Wesleyan University); M.A.  
*Dissertation*: Significant Career Development Incidents in a Freshman Experiential Teacher Education Program  
*Field of Specialization*: Education
- Daniel Goodman, Cincinnati  
B.S.  
*Dissertation*: The Paleocology of the Tower Island Bird Colony: A Critical Examination of Complexity-Stability Theory  
*Field of Specialization*: Zoology
- Kenneth Roger Gordon, Perrysburg  
B.S. in Edu. (Capital University); M.S.  
*Dissertation*: Phosphate-Induced Changes in Phytoplankton and Primary Productivity in a Pond near Delaware, Ohio  
*Field of Specialization*: Botany
- Richard Allen Hahn, Columbus  
B.S. Phar., M.S.  
*Dissertation*: An Investigation into the Interaction of Pro-Staglandin F<sub>2α</sub> with Cholinergic Mechanisms in Canine Salivary Glands  
*Field of Specialization*: Pharmacy
- Jeanne McLain Harms, Waterloo, Ia.  
B.A. (Northern Iowa State Teachers College); M.A., Ed.S. (University of Northern Iowa)  
*Dissertation*: Children's Responses to Fantasy in Relation to Their Stages of Intellectual Development  
*Field of Specialization*: Education
- Burton Bruce Hart, Greensburg, Pa.  
B.Ed. (University of Buffalo); M.Ed. (State University of New York at Buffalo)  
*Dissertation*: The Effectiveness of the Programed Instruction Component in the Standard First Aid Course Multimedia System Adopted by the American National Red Cross  
*Field of Specialization*: Physical Education
- George David Hay, Columbus  
B.A.A.E., M.S.  
*Dissertation*: The Effect of Longitudinal Wholebody Vibration on Wave Propagation in the Aorta  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Stephen Raymond Heimann, Columbus  
B.S., M.A.  
*Dissertation*: The Methodology of Cluster Analysis: An Application to Receivables  
*Field of Specialization*: Accounting
- Paul Thomas Hill, Riverton, Wyo.  
B.A. (Seattle University); M.A.  
*Dissertation*: A Theory of Political Coalitions in Simple and Policy Situations  
*Field of Specialization*: Political Science
- James Raymond Hofstaedter, Philadelphia, Pa.  
B.A. (Duquesne University)  
*Dissertation*: The Structure of Ovid's *Amores*, Book I  
*Field of Specialization*: Classics
- Alan Keith Hopkins, Columbus  
B.S.; M.S. (Air Force Institute of Technology)  
*Dissertation*: The Dynamic Compression and Release of Mechanical Mixtures in the Presence of a Phase Change  
*Field of Specialization*: Metallurgical Engineering
- Shang-Wu Huang, Kaohsiung, Taiwan  
B.S., M.S. (National Taiwan University)  
*Dissertation*: Finite Element Analysis of Fracture Propagation in Two-Dimensional Elastic Brittle Solids  
*Field of Specialization*: Civil Engineering

† Degree granted in cooperation with Miami University

- John Henry Hughes, Glencoe  
B.S. Ed.; M.A. (Bowling Green State University)  
*Dissertation*: Studies on the Acid Lability of Rhinoviruses  
*Field of Specialization*: Medical Microbiology
- Christopher Ngozi Ifeadi, Columbus  
B.S. (University of California, Davis); M.S. (University of Nebraska)  
*Dissertation*: Quantitative Measurement and Sensory Evaluation of Dairy Waste Odor  
*Field of Specialization*: Agricultural Engineering
- Ronald Rudloff Ingle, Marietta, Ga.  
A.B. (Wofford College); M.S. (Florida State University)  
*Dissertation*: The Use of the Semantic Differential as an Encoding Technique in Short-Term Memory by Normal and Educable Mentally Retarded Subjects  
*Field of Specialization*: Psychology
- Sughosh Kumar Jain, Rajasthan, India  
B.Sc. Agr. (Rajasthan University); M.Sc. Agr. (Agra University)  
*Dissertation*: Effects of Antifertility Agents, Castration and Cryptorchidism on Reproductive Organs and Testosterone Levels in Adult Male Rats  
*Field of Specialization*: Dairy Science
- Gordon Delancey Jeppson, Waverly, Ia.  
B.S. (Concordia College, Moorhead, Minnesota); M.S. (South Dakota State University)  
*Dissertation*: An Analysis of the Involvement of Head Football Coaches in the Physical Education Professional Preparation Program in Selected American Colleges and Universities  
*Field of Specialization*: Physical Education
- Clair Agriesti Johnson, Albuquerque, N. M.  
B.S. in Home Ec. (Ohio Dominican College); M.S.  
*Dissertation*: The Development of a Practical Research Method for the Improvement of Selected Health Science Curriculums: A Pilot Study of Beginning Level Clinical Dietitians  
*Field of Specialization*: Education
- Jagmohan Joshi, Columbus  
B.Sc., M.Sc. (Panjab University, India)  
*Dissertation*: Study of Seed Yield Efficiency, Hybrid Vigor, and Phenotypic Correlations in *Glycine Max* (L.) Merrill  
*Field of Specialization*: Agronomy
- John Wesley Joyner, Columbus  
B.S., M.S. (Tennessee Agricultural and Industrial State University)  
*Dissertation*: The Relationship Between Scores on the Nelson-Denny Reading Test and Academic Performance of Afro-American College Freshmen  
*Field of Specialization*: Education
- Abdul Gaffer Khan, Jabalpur, India  
B.V.Sc., M.V.Sc. (University of Jabalpur)  
*Dissertation*: Selection Response and the Performance of Crossbred Progeny from Normal and Dwarf Broiler Breeder Dams  
*Field of Specialization*: Poultry Science
- Vijay Kumar Khosla, Dacca Danga, India  
B.Sc. (University of Ranchi); M.E. (Roorkee University)  
*Dissertation*: Behavior of Dry Ottawa Sand Under Cyclic Loadings  
*Field of Specialization*: Civil Engineering
- Gian Prakash Khurana, Delhi, India  
B.Sc. (University of Delhi); M.Sc. (Indian Agricultural Research Institute)  
*Dissertation*: Physical, Chemical and Mineralogical Properties of Some Salt Affected Soils of Rajasthan, India  
*Field of Specialization*: Agronomy
- Paul Esmond King, Sutton, England  
B.A. (University of Bristol); M.A.  
*Dissertation*: Social Indicators and Social Welfare: Columbus, Ohio, 1960  
*Field of Specialization*: Geography
- Harold James Kinzer, Uniontown  
A.B. (State University of South Dakota)  
*Dissertation*: Effects of Cognitive Compatibility on Communicative Accuracy  
*Field of Specialization*: Speech Communication
- Beverly Mae Labrecque, Windsor, Ont., Canada  
B.S. (Northern Michigan University); M.A.  
*Dissertation*: An Alternative to Traditional Athletic Competition with Special Reference to Figure Skating  
*Field of Specialization*: Physical Education
- Ratan Lal Lakhotia, Bikaner, India  
B.V.Sc. and A.H. (University of Rajasthan); M.S. (Panjab Agricultural University)  
*Dissertation*: Studies on the Incidence and Virulence of Drug-Resistant and R Factor-Carrying Enterobacteria Isolated from Poultry  
*Field of Specialization*: Poultry Science
- Dorothy Wise Laming, Yellow Springs  
B.A. (Wittenberg University); M.A.  
*Dissertation*: Ellis Raab: A Man of Repertory  
*Field of Specialization*: Theatre
- Deborah Ann Lange, Evanston, Ill.  
B.A. (Valparaiso University)  
*Dissertation*: A Critique of Ethical Reasoning in the Rationale and Teaching Materials of the Harvard Social Studies Project  
*Field of Specialization*: Education
- Eloise Jeannette Law, Plattsburgh, N. Y.  
B.S. (University of Maine); M.A.  
*Dissertation*: Feasibility of Three Types of Simulation Experiences in Preparation for Student Teaching in Home Economics  
*Field of Specialization*: Home Economics
- You-Hwa King Lee, Columbus  
B.Ed. (Taiwan Normal University); M.S. (Indiana State College)  
*Dissertation*: Asymptotic Properties of Convolution Products of Sequences  
*Field of Specialization*: Mathematics
- Steven Smith Lemley, Westminster, Calif.  
B.A. (Pepperdine College)  
*Dissertation*: A Rhetorical Study of the Executive-Legislative Struggle for Influence in Foreign Policy: The Senate Foreign Relations Committee Hearings on America's Role in Southeast Asia 1964-1971  
*Field of Specialization*: Speech Communication

- John Timothy Leonard, Columbus  
B.A. (Athenaeum of Ohio); STB, STL (Pontificia  
Universitas Gregoriana, Italy)  
*Dissertation*: Goals for the Education of White  
Americans in the Context of Racism  
*Field of Specialization*: Education
- Phebe Helen Lewis, Houghton, N. Y.  
B.A. (Houghton College); M.A. (Western Michigan  
College of Education)  
*Dissertation*: The Relationship of Sociodramatic Play to  
Various Cognitive Abilities in Kindergarten Children  
*Field of Specialization*: Education
- William Charles Lewis, Oxford  
B.S., M.Ed. (Miami University)  
*Dissertation*: A Selection of Teaching Activities as Course  
Objectives for the Professional Physical Education  
Curriculum  
*Field of Specialization*: Physical Education
- Anthony Frank Libertella, New Rochelle, N. Y.  
B.A. (Iona College); M.A.  
*Dissertation*: The Steel Strike of 1959: Labor,  
Management, and Government Relations  
*Field of Specialization*: History
- Frank Jackson Lizotte, Lodi  
B.A. (Baldwin-Wallace College); M.A.Ed. (University  
of Akron)  
*Dissertation*: Elementary Internship at the  
Undergraduate Level: An Analysis of Feasibility and  
Outcomes of a Pilot-Program at Findlay College  
*Field of Specialization*: Education
- Ting-Yu Lo, Taipei, Taiwan  
B.S. (National Taiwan University); M.S. (Rice  
University)  
*Dissertation*: Fundamental Studies in the Use of Sonic  
Power for Rock Cutting  
*Field of Specialization*: Engineering Mechanics
- Juinn-fu Lu, Lyndhurst, N. J.  
B.E. (Taiwan Christian College of Science and  
Engineering); M.S.Civil Engr. (South Dakota School of  
Mines and Technology)  
*Dissertation*: Dynamic Stability of a Spherical Shell  
Submerged in an Acoustic Medium  
*Field of Specialization*: Engineering Mechanics
- Arthur Maurice Lucas, Blackwood, Australia  
B.Sc., B.Ed. (University of Melbourne)  
*Dissertation*: Environment and Environmental Education:  
Conceptual Issues and Curriculum Implications  
*Field of Specialization*: Education
- Edward Christopher Lucy, Liverpool, N. Y.  
B.S.Ed. (State University College at Cortland,  
New York); M.A.  
*Dissertation*: An Evaluation of a Laboratory Science  
Program in a Professional Education Course for  
Prospective Secondary Science Teachers at The Ohio  
State University  
*Field of Specialization*: Education
- Nelson Tsai-Chuang Ma, Chunghua-Hsien, Taiwan  
B.E. (Chung Yuan College of Science and Engineering);  
M.S. (Tennessee Technological University)  
*Dissertation*: Stress Wave Propagation in a Curved  
Transmission Line  
*Field of Specialization*: Engineering Mechanics
- Peter Maslowski, Cincinnati  
A.B. (Miami University); M.A.  
*Dissertation*: "Treason Must Be Made Odious": Military  
Occupation and Wartime Reconstruction in Nashville,  
Tennessee, 1862-1865  
*Field of Specialization*: History
- Betty Ann Mathis, Columbus  
B.S., M.S.  
*Dissertation*: Techniques for the Evaluation and  
Improvement of Computer-Produced Abstracts  
*Field of Specialization*: Computer and Information Science
- Pearson Dudley McWane, Milan  
B.Sc. (Virginia Military Institute); M.S.  
*Dissertation*: A Look at the Antenna Radiation Problem  
in the Time Domain  
*Field of Specialization*: Electrical Engineering
- Harvey Alexander Meier, Van Nuys, Calif.  
B.S. in Animal Sci. (Washington State University); M.S.  
(University of Arizona)  
*Dissertation*: Agricultural Lending Attitudes, Practices  
and Activities of Ohio Commercial Bankers  
*Field of Specialization*: Agricultural Economics and  
Rural Sociology
- Roberto Merletti, Torino, Italy  
Laurea (Politecnico di Torino); M.S.  
*Dissertation*: Digital Computer Modelling, Simulation  
and Analysis of the Physiology and Pathology of the  
Body Fluids  
*Field of Specialization*: Electrical Engineering
- Glory Barayuga Merrill, Honolulu, Hawaii  
B.A. (University of Hawaii)  
*Dissertation*: Part I The Preparation and Reactions of  
 $\alpha$ -Hydroxy- and  $\alpha$ -Alkoxyalkylenetriphenylphosphazines  
Part II The Synthesis of 1,3,4-Oxadiazoles Via  
Triphenylphosphine Derivatives  
*Field of Specialization*: Chemistry
- David Dean Meyer, Sauquoit, N. Y.  
B.S.E.E., M.S.E.E. (Purdue University)  
*Dissertation*: Two-Dimensional Numerical Analysis of  
Semiconductor Devices: Application to Bipolar  
Transistors  
*Field of Specialization*: Electrical Engineering
- Harold Warren Mick, Des Moines, Ia.  
B.A. (State College of Iowa); M.B.S. (University of  
Colorado); M.A. (University of Kansas)  
*Dissertation*: The Design and Production of Animated  
Film Loops, CAI and Pamphlets in an Individualized,  
Multi-media Unit on Solving Inequalities: A  
Developmental Study  
*Field of Specialization*: Education
- William Arthur Miller, Kirkwood, Mo.  
B.A. (Saint Louis University)  
*Dissertation*: Kant's Realisms  
*Field of Specialization*: Philosophy

- Stephen Malcolm Millett, Columbus  
B.A. (Miami University); M.A.  
*Dissertation:* The Constitutionality of Executive Agreements: An Analysis of *United States v. Belmont*  
*Field of Specialization:* History
- Bruce Alex Mitchell, Lake Forest, Ill.  
B.S. in Ed. (Northern Illinois University);  
M.M. (University of Tennessee)  
*Dissertation:* The Effect of a Teacher Developed Unit in Hyperbolic Geometry on Structural Objectives in Tenth Grade Geometry  
*Field of Specialization:* Education
- Edilberto Mogollon-Fernandez, Callao, Peru  
B.Eng.Ind. (National University of Engineering, Peru);  
M.S.  
*Dissertation:* Study of the Electrochemical Exchange of Oxygen Between A Solid Electrolyte Porous Platinum Electrode and a Flowing Gas  
*Field of Specialization:* Chemical Engineering
- Robert Philip Morgan, Columbus  
B.S., M.S.  
*Dissertation:* Self-Paced Respiration in Rats: The Effect of Feedback Delay  
*Field of Specialization:* Physiology
- Thomas Charles Munnell, Phoenixville, Pa.  
B.S. in Edu. (California State College, Pennsylvania);  
M.S.W. (West Virginia University)  
*Dissertation:* Bureaucratic Orientation and Attitudinal Attributes of Professionalism Among Professional Social Workers in a Classical Bureaucratic Setting  
*Field of Specialization:* Social Work
- Thomas Elton Nappier, Jr., Fort Sumner, N. M.  
B.S., M.S. (New Mexico State University)  
*Dissertation:* Coordination Properties of a Triphosphine Ligand with Rhodium, Nickel, and Cobalt  
*Field of Specialization:* Chemistry
- John J. M. Odland, The Dalles, Ore.  
B.S., M.S. (Oregon State University)  
*Dissertation:* Polarized Growth Within a Central Place System  
*Field of Specialization:* Geography
- Paul Dieter Oeltjen, Ohrwege, West Germany  
Vor-Diplom (Universitat Marburg an Der Lahn); M.A.  
*Dissertation:* Maslow's Need Hierarchy Concept and Individual Differences in Need Profiles in an Organizational Setting  
*Field of Specialization:* Psychology
- Marcia Min-ron Lee Ong, Taipei, Taiwan  
B.S., M.S.Agr. (National Taiwan University)  
*Dissertation:* Changes in Farm Level Savings and Consumption in Taiwan 1960-1970  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Ann Louise Walthall Orsini, Cranston, R. I.  
B.S., M.S. (University of Rhode Island)  
*Dissertation:* Search and Transmission of Fabric Performance Information by Consumers and Sales Personnel  
*Field of Specialization:* Home Economics
- Chester Palen, Kent  
B.S. in Ed., M.S. in Ed. (Bowling Green State University)  
*Dissertation:* The Perception of Distorted Speech by Children with Speech Disorders  
*Field of Specialization:* Speech Communication
- John Michele Pascone, Ardsley, N. Y.  
B.S. (Fordham University)  
*Dissertation:* Part I: Nucleophilic Cleavage of p-Toluenesulfonates Parts II and III: 7-Methyl- and 7-Aryl-7-Norbornenyl Cations  
*Field of Specialization:* Chemistry
- Roger Frederick Penn, Rockford  
B.S. in Ed. (Bowling Green State University); M.S.T. (Cornell University)  
*Dissertation:* An Experimental Study Involving the Use of Contract Evaluation in a Chem Study in a Traditional High School Chemistry Course  
*Field of Specialization:* Education
- Vera Edmondson Perry, Hampton, Va.  
B.S., M.A. (Hampton Institute)  
*Dissertation:* Differences in Language Facility Between Black and Caucasian Educable Mentally Retarded Students in a Mid-Western Urban City Public School System  
*Field of Specialization:* Education
- John Joseph Pfetzing, Cincinnati  
B.S. Ed., M.Ed. (Miami University)  
*Dissertation:* Student Utilization of Computer Assisted Instruction Made Available in Elementary Undergraduate Mathematics  
*Field of Specialization:* Education
- \*Robert Leslie Phillips, Huntington, W. Va.  
B.S. (United States Military Academy)  
*Dissertation:* A Study of Twenty-one Variables Relating to Leader Legitimation  
*Field of Specialization:* Business Administration
- Nancy Krainock Pinchot, Campbell  
B.S. in Ed. (Youngstown University); M.A.  
*Dissertation:* Preferences of Elementary Students and Their Parents for Counselors  
*Field of Specialization:* Education
- Jack Richard Pingry, Columbus  
B.S.M.E. (Purdue University); M.Sc. (University of Virginia); M.B.A.  
*Dissertation:* An Examination of the Purchasing Process for Technical Industrial Products  
*Field of Specialization:* Business Administration
- Gerald Gene Pope, Bloomville  
B.S. Nutrition, M.S.  
*Dissertation:* Effect of Time, Temperature and Fortification Level on the Retention of Ascorbic Acid in Fortified Tomato Juice  
*Field of Specialization:* Horticulture
- Sanford Reich, Cleveland  
B.S.E.E., M.S.Eng. (Case Institute of Technology)  
*Dissertation:* Design and Evaluation of a Dual Function Visual Vocoder in Speech Therapy  
*Field of Specialization:* Electrical Engineering

\* Also Master of Arts, Graduate School

- Diane Lois Reinhard, Milwaukee, Wis.  
B.S., M.S. (University of Wisconsin, Milwaukee)  
*Dissertation:* Methodology Development for Input Evaluation Using Advocate and Design Teams  
*Field of Specialization:* Education
- William Howell Roberts, Delaware  
B.A., B.S.Ed., M.A.  
*Dissertation:* An Examination of the Contemporary American Novel as a Means of Assisting Students in Meeting the Demands of a Changing Society  
*Field of Specialization:* Education
- Harold Wayne Rose, Xenia  
B.S. (E.E.), M.S. (University of Colorado)  
*Dissertation:* Holographic Lens Systems  
*Field of Specialization:* Electrical Engineering
- Michael Lewis Sanow, Rochester, N. Y.  
A.B. (University of Rochester); M.A. (Northeastern University)  
*Dissertation:* A Case Study of Race Relations Among Students in a Transitional High School  
*Field of Specialization:* Sociology
- Naresh Chandra Saxena, Udaipur, India  
B.E. (University of Rajasthan); M.S.  
*Dissertation:* Viscoelastic Characterization of Soybean Grain Under Quasi-static Loading  
*Field of Specialization:* Agricultural Engineering
- Philip A. Schlosser, Columbus  
B.S.Phys., M.S.  
*Dissertation:* Investigation of the Radiation Imaging Properties of Pyroelectric Detector Arrays  
*Field of Specialization:* Nuclear Engineering
- William Dean Schmidt, Ellensburg, Wash.  
B.Sc. in Educ. (University of Nebraska); M.A. (San Diego State College)  
*Dissertation:* Design Elements in Instructional Films: An Attempt to Derive Some Operational Generalizations Based on Research and on Producer Opinion  
*Field of Specialization:* Education
- David Russell Schneider, Columbus  
B.A. (University of Wichita)  
*Dissertation:* On the Biochemical and Morphologic Characterization of Microtubule Phosphate Accumulation  
*Field of Specialization:* Pharmacology
- Edmund Acton Schofield, Jr., Worcester, Mass.  
B.A., M.A. (Clark University)  
*Dissertation:* Field and Laboratory Studies of the Ecology and Physiology of Selected Algae, Mosses, and Lichens from Antarctica  
*Field of Specialization:* Botany
- Arlene Ovidia Schrade, Des Plaines, Ill.  
B.A. (Beloit College); M.A. (Northwestern University); Cert. TESOL  
*Dissertation:* Children's Responses Toward Spanish Cultures Through the Integration of F.L.E.S. Language Arts, and Social Studies  
*Field of Specialization:* Education
- Paul Richard Schratz, Falls Church, Va.  
B.S. (United States Naval Academy); M.A. (Boston University)  
*Dissertation:* The U. S. Defense Establishment: Trends in Organizational Structures, Functions, and Interrelationships 1958-1970  
*Field of Specialization:* Political Science
- Anthony Schwartz, Columbus  
D.V.M. (Cornell University)  
*Dissertation:* Studies on Baboon Xenogeneic Histocompatibility Antigens  
*Field of Specialization:* Medical Microbiology
- Nitin Mohanlal Sevak, Dayton  
B.E. (University of Baroda, India); M.S. (University of California, Berkeley)  
*Dissertation:* Optimal Synthesis of Flexible Link Mechanisms with Large Static Deflections  
*Field of Specialization:* Mechanical Engineering
- William David Sheasley, Franklin, Pa.  
B.S. (Grove City College, Pennsylvania); M.S.  
*Dissertation:* The Electronic Emission Spectra of  $H^{\infty}Cl^+$ ,  $H^{\infty}Cl^+$ , and  $D^{\infty}Cl^+$   
*Field of Specialization:* Chemistry
- Richard Wayne Shoenberger, Dayton  
B.S., M.S. (Florida State University)  
*Dissertation:* An Investigation of Human Information Processing During Whole-Body Vibration  
*Field of Specialization:* Psychology
- Mary Jeannette Serridge, Prairie Village, Kan.  
B.A. (Saint Mary's College, Indiana); M.A.  
*Dissertation:* Problems of Truth and Reference in Fiction  
*Field of Specialization:* Philosophy
- Lloyd Reynolds Sloan, San Antonio, Tex.  
B.A. (University of Texas); M.A.  
*Dissertation:* Social Deprivation and Stimulus Satiation in the Rat  
*Field of Specialization:* Psychology
- James Martin Smiley, Prestonsburg, Ky.  
B.S., A.M. (Morehead State University)  
*Dissertation:* The Identification and Comparison of Accounting Concepts That Should Be and Are Included in the Course Content of the First-Year High School and Post-Secondary Accounting Courses  
*Field of Specialization:* Education
- Russell Guy Smith, Milledgeville, Ga.  
B. of Cer. Eng., M.S. Cer. Eng. (Georgia Institute of Technology)  
*Dissertation:* Characterization of Inorganic Pigment Production by Vapor Phase Reaction  
*Field of Specialization:* Ceramic Engineering
- Russell Yates Smith, Dayton  
B.A., M.A.  
*Dissertation:* The Making of an Egyptian Nationalist: The Political Career of Saad Zaghlul Pasha Prior to 1919  
*Field of Specialization:* History

- Earl Forrest Starr, Jr., Dayton  
B.S., M.S. (Lowell Technological Institute)  
*Dissertation*: A Small He<sup>3</sup> Cryostat for Single Crystal  
Neutron Diffraction Applications with a New  
Thermometer Calibration Technique  
*Field of Specialization*: Physics
- John Samuel Stephenson, III, Buzzards Bay, Mass.  
A.B. (Boston University); M.A. (University of Denver)  
*Dissertation*: Professionalism and Innovation Acceptance  
Among Teachers  
*Field of Specialization*: Sociology
- Stephen Ralph Strome, Oxford  
B.S. in Ed., M. Ed. (Miami University)  
*Dissertation*: A Comparison of the Academic Achievement  
and Graduation Success of Grant-in-Aid Athletes Under  
Four Different Prediction Plans  
*Field of Specialization*: Physical Education
- Anthony Xavier Sutherland, Stony Point, N. Y.  
B.A. (Saint Vincent College); M.A. (Duquesne  
University)  
*Dissertation*: Jozef Tiso and Modern Slovakia  
*Field of Specialization*: History
- Richard Alan Swanson, Columbus  
B.S. in Math. (Illinois Institute of Technology);  
M.A. (Northeastern Illinois State College)  
*Dissertation*: The Development and Evaluation of an  
Instructional Unit in Consumer Mathematics for  
Secondary School Low Achievers  
*Field of Specialization*: Education
- Elea Theo Swigart, Clinton  
B.Sc. in Elem. Edu. (Mount Union College); M.A.  
*Dissertation*: Hearing Sensitivity and Speech  
Intelligibility of Cleft-Palate Children and Non-Cleft  
Siblings  
*Field of Specialization*: Speech Communication
- Mary Faith Tanney, Pittsburgh, Pa.  
B.A. (Pennsylvania State University); M.A.  
*Dissertation*: The Initial Impact of Racial Differences  
on Clients: An Analogue Study  
*Field of Specialization*: Psychology
- Erwin Bernard Teuber, Worthington  
B.A. (Saint Cloud State College); M.A.  
*Dissertation*: Integrating Mechanisms in a Community  
Conflict Environment: Human Relations Commissions in  
Seventeen Cities  
*Field of Specialization*: Sociology
- George John Theus, Jr., Parma  
B.S. (Case Institute of Technology); M.S.  
*Dissertation*: Electrochemical Studies of Metals in  
Fused Sodium Hydroxide  
*Field of Specialization*: Metallurgical Engineering
- Gerald Lee Thompson, Ames, Ia.  
B.S. (Iowa State University of Science and Technology)  
*Dissertation*: Pyrolysis, Photolysis, and Solvolysis Studies  
of Unsaturated Propellanes  
*Field of Specialization*: Chemistry
- James Roger Tootle, Columbus  
B.A., M.A.  
*Dissertation*: Anglo-Indian Relations in the Northern  
Theatre of the French and Indian War, 1748-1761  
*Field of Specialization*: History
- Gary Lee Trusty, Xenia  
B.S. in E.F. (University of Cincinnati); M.S.  
*Dissertation*: Absorption Measurements of the 10.4  
Micron Region Using a CO<sub>2</sub> Laser and a Spectrophone  
*Field of Specialization*: Electrical Engineering
- John Conrad Van Keuren, Marion  
B.S. (University of Dayton); M.S.  
*Dissertation*: A Mossbauer Effect Study of the High  
Temperature Oxidation of 302 Stainless Steel  
*Field of Specialization*: Nuclear Engineering
- Robert Leo Vecellio, Ironton  
B.C.E., M.S.  
*Dissertation*: Analysis of Platoon Dispersion  
Characteristics on One-Way Urban Signalized Arterials  
*Field of Specialization*: Civil Engineering
- Balkrishna Venkatesh, Dharwar, India  
B.E. (University of Poona, India); M.S. (Purdue  
University); M.B.A.  
*Dissertation*: Generalization and Discrimination: An  
Empirical Investigation of Certain Behavioral  
Relationships  
*Field of Specialization*: Business Administration
- Pritam Singh Verma, Saharanpur, India  
B.Sc. (Agra University); M.Sc. (Punjab Agricultural  
University)  
*Dissertation*: Induced Resistance to Fusarium Wilt in  
Susceptible Tomato Isolines by the Non Pathogen,  
*Chaetomium*  
*Field of Specialization*: Plant Pathology
- William Robert Verry, Alexandria, Va.  
B.A. (Reed College); B.S. (Portland State College);  
M.A. (Fresno State College)  
*Dissertation*: The Application of Decision Theory to  
Governmental Decision Making  
*Field of Specialization*: Industrial Engineering
- John Wakmundski, Spencerville  
B.S.Ed., M.S. (Ohio University)  
*Dissertation*: McKinley Politics and the Changing  
Attitudes Toward American Labor: 1870-1900  
*Field of Specialization*: History
- Barry James Ward, Libertyville, Ill.  
B.A. (Lake Forest College); M.A.  
*Dissertation*: A Functional Approach to the English  
Folk Play  
*Field of Specialization*: English
- Frederick Elliott Warner, Dayton  
B.A.  
*Dissertation*: The Burletta in London's Minor Theatres  
During the Nineteenth Century with a Handlist of  
Burlettas  
*Field of Specialization*: Theatre
- John Ward Warner, III, Wooster  
B.A. (Kalamazoo College)  
*Dissertation*: A Spectroscopic Study of Galactic Nuclei  
*Field of Specialization*: Astronomy
- Vernaline Watson, Hobgood, N. C.  
B.A., M.A. (North Carolina College at Durham)  
*Dissertation*: Organizational Decisions and Disability  
Behavior  
*Field of Specialization*: Sociology

Timple Go Wee, Youngstown

A.A., M.D. (Far Eastern University, Philippines)

*Dissertation*: Studies of the Mechanism of Action of

Uridine Diphosphate-galactose-4-epimerase

*Field of Specialization*: Chemistry

Jane Gatewood White, Caledonia

B.A. (Ohio Wesleyan University); M.A.

*Dissertation*: The Lattice-ladder Concept Applied to the

Child Development Programs in Technical Education

*Field of Specialization*: Home Economics

Vitaly Wovk, Columbus

B.A. (Mississippi State College); M.A.

*Dissertation*: The Historical Novels of Ivan Ivanovich

Lazčėnikov

*Field of Specialization*: Slavic Languages and Literatures

Wu-Nan Wu, Kaohsiung, Taiwan

B.Sc. Pharmacy (Kaohsiung Medical College)

*Dissertation*: Antimicrobial Agents from *Thalietrum*

*Rugosum* Ait. (*T. Glaucum* Desf.)

*Field of Specialization*: Pharmacy

Gerald A. Zeisel, Brooklyn, N. Y.

B.B.A., M.B.A. (City College of New York)

*Dissertation*: Choice of Accounting Procedures: When

Conflict Exists Between Managers and Shareholders

*Field of Specialization*: Accounting

**Master of Accounting**

Two candidates

Ole Daniel Bay, Winlock, Wash.  
B.A. (University of Washington)  
*Field of Specialization: Accounting*

Daniel George Hoffmann, Columbus  
B.S. Food Tech.  
*Field of Specialization: Accounting*

**Master of Architecture**

Two candidates

Wornhuei Chi, Taipei, Taiwan  
B.S. (Tunghai University)  
*Field of Specialization: Architecture*

Liang-Yuan Steve Yang,  
Columbus  
B.A. (Tunghai University)  
*Field Specialization: Architecture*

**Master of Arts**

One hundred and fifty-nine candidates

Cecilia Von Almen Adams, Grove City  
B.Mus. (Heidelberg College)  
*Field of Specialization: Education*

Kay Angona Adams, Columbus  
B.F.A. (University of Texas)  
*Field of Specialization: Education*

Bonnie Woods Anderson,  
North Olmsted  
A.B. (Hope College)  
*Field of Specialization: History of Art*

Carol Jeffrey Andreae, Columbus  
A.B. (Smith College)  
*Field of Specialization: Education*

Barbara Turnham Armbruster,  
Columbus  
B.A. (Bridgewater College)  
*Field of Specialization: English*

Edith Round Bader, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Elvaalee Banks, Elyria  
B.S.Ed.  
*Field of Specialization: Education*

Daniel James Beck, Columbus  
B.A. (University of Cincinnati)  
*Field of Specialization: Political Science*

Victoria Fein Bernstein,  
Bayside, N. Y.  
B.A. (Queens College)  
*Field of Specialization: Psychology*

Cynthia Stark Bessey, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Wanda Lee Boykin, Zanesville  
B.A. (Otterbein College)  
*Field of Specialization: Education*

Marilyn Lucille Brenner,  
Canal Winchester  
B.S.Ed.  
*Field of Specialization: Education*

Charles Gregory Buntz, Iowa City, Ia.  
B.B.A., M.A. (University of Iowa)  
*Field of Specialization: Public Administration*

Leonard Lee Bussard,  
Michigan Center, Mich.  
B.M. (Western Michigan University)  
*Field of Specialization: Music*

Glenn Frank Campbell, Columbus  
A.B. (Colgate University)  
*Field of Specialization: Speech Communication*

Judi Proietti Caron, Columbus  
B.S. (Arizona State University)  
*Field of Specialization: Sociology*

George Richard Chesley,  
Halifax, N. S., Canada  
B.Com. (Mount Allison University)  
*Field of Specialization: Accounting*

William Arthur Clouse, Jr., Columbus  
B.A. (Maskingum College)  
*Field of Specialization: Education*

Roger Frederick Coffman, Newark  
B.A. (Marietta College)  
*Field of Specialization: Education*

Clarice Bami-Joko Conger-Thompson,  
Freetown, Sierra Leone  
B.S.Ed.  
*Field of Specialization: Education*

Patrick Joseph Connor, Columbus  
A.B. (Ohio Dominican College)  
*Field of Specialization: Education*

James Henry Cowardin, Columbus  
B.S. (United States Naval Academy)  
*Field of Specialization: Education*

Thelma Downing Dagger, Lancaster  
B.S. in Soc. Adm.  
*Field of Specialization: Education*

Patricia Jean Caccamo Daugherty,  
Cuyahoga Falls  
B.S.Ed., Cert. Grad. Dent. Hyg.  
*Field of Specialization: Education*

Patricia More Dawson, Hilliard  
B.S.Ed.  
*Field of Specialization: Psychology*

Sally Ellen Dellinger, Columbus  
B.S.Ed.  
*Field of Specialization: Physical Education*

Deborah Gwynn Demcheck,  
Metairie, La.  
B.S. (Louisiana State University and Agricultural and Mechanical College)  
*Field of Specialization: Psychology*

Sister Miriam Dosch, Waukesha, Wis.  
B.A. (Holy Family College)  
*Field of Specialization: Education*

Adrienne Wynona Douglas,  
Spartanburg, S. C.  
B.S.  
*Field of Specialization: Psychology*

Elizabeth Rolfe Dwyer, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Stefanos Enkara, Istanbul, Turkey  
Degree (Athens Graduate School of Economics and Business Science)  
*Field of Specialization: Economics*

Diane Reeder Ewing, Columbus  
B.S.Ed.  
*Field of Specialization: Psychology*

Jennifer Jones Farmer, Columbus  
B.S. (Bowling Green State University)  
*Field of Specialization: Education*

Diane Chappelle Faulk, Cleveland  
B.S. (Central State University)  
*Field of Specialization: Education*

George Joseph Fero, Youngstown  
B.M. (Youngstown State University)  
*Field of Specialization: Music*

Thomas Francis Ford, Pittsburgh, Pa.  
B.S. in B.A. (Duquesne University)  
*Field of Specialization: Economics*

Judith Kay Freeman, Belmont  
B.S.Ed.  
*Field of Specialization: Education*

Ronna Ann Freiberg, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: Romance Languages*

Dean Wilson Fried, Springfield  
B.S. Bus. Adm.  
*Field of Specialization: Economics*

Kathleen Michele Gaynor, Toledo  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization: Education*

Rhoda Hiatt Gelles, Columbus  
B.S. (Simmons College)  
*Field of Specialization: Education*

- Frances Rosenberg Gellman, Columbus  
B.A. (Brooklyn College)  
*Field of Specialization*: Education
- Lloyd Lee Gemienhardt, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Jerry Stanley Gerard, Columbus  
B.A.  
*Field of Specialization*: Education
- David Clark Gilmore, Columbus  
B.A. (Capital University)  
*Field of Specialization*: Psychology
- Denyce Cheryl Girard, Rocky River  
B.A. (Michigan State University)  
*Field of Specialization*: Education
- Ingrid Gottlieb Goldshmid, Columbus  
B.A. (Washington State University)  
*Field of Specialization*: Business Administration
- Everett Edman Hale, Jr.,  
Wheeling, Ill.  
A.B. (University of Illinois)  
*Field of Specialization*: Anthropology
- Nancy Roseberry Hall, Columbus  
B.S. in Edu. (Capital University)  
*Field of Specialization*: Education
- Anne Harlan, Mangum, Okla.  
B.A. (University of Houston)  
*Field of Specialization*: Psychology
- John Robert Hayes, Wooster  
B.A. (College of Wooster)  
*Field of Specialization*: Psychology
- Stephen Plummer Hildreth, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Economics
- Libby Ann Wilson Holt, Columbus  
B.A. (West Virginia Wesleyan College)  
*Field of Specialization*: Education
- William Lawrence Hoy, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Public Administration
- Judith Greenwald Jacover, Skokie, Ill.  
A.B. (University of Michigan)  
*Field of Specialization*: Education
- Menika Jakowlew, Ashtabula  
B.A. (Kent State University)  
*Field of Specialization*: Slavic Languages
- Alice Katherine Jenkins, Trotwood  
B.S. in Ed. (Otterbein College)  
*Field of Specialization*: Education
- Patricia Price Jordan, Portland  
B.S.Ed.  
*Field of Specialization*: Physical Education
- Elizabeth Jane Kaenzig, Dayton  
B.A. (Muskingum College)  
*Field of Specialization*: Journalism
- Ethel Heintz Kasler, Luckey  
R.M.E. (Capital University)  
*Field of Specialization*: Music
- Donald Duane Kerr, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Florence Michiko Kimura,  
Honolulu, Hawaii  
Ed.B. (University of Hawaii)  
*Field of Specialization*: Education
- Marian Clodfelter Kirk, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Education
- Kenneth Vernon Kobe, Newark  
B.A. (Denison University)  
*Field of Specialization*: Public Administration
- Thomas Louis Koepnick, Kettering  
B.A. (University of Dayton)  
*Field of Specialization*: History
- Joseph James Kreider, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Steven David Kriska, Parma Heights  
B.S.Ed.  
*Field of Specialization*: Psychology
- Cynthia Craig Kubina, Columbus  
B.S.Ed.  
*Field of Specialization*: Speech Communication
- Rodney Matthew Kuencman,  
Kitchener, Ont., Canada  
B.A. (Hons.) (University of Waterloo)  
*Field of Specialization*: Sociology
- Michael Alan Landers, Columbus  
B.S.  
*Field of Specialization*: Physical Education
- Victor Anthony Laniauskas, Euclid  
B.S.Ed.  
*Field of Specialization*: Journalism
- Andra Anne Lash, Chagrin Falls  
B.S. (Purdue University)  
*Field of Specialization*: Education
- Edward Louis Lense, Columbus  
B.A. (New York University)  
*Field of Specialization*: English
- Patricia Barker Lerch, Columbus  
B.A. (Cleveland State University)  
*Field of Specialization*: Anthropology
- Marvis Day Lewis, Wilberforce  
B.A. (Central State University)  
*Field of Specialization*: Education
- Joan Berrier Ligon, Allentown, Pa.  
B.A. (University of Delaware)  
*Field of Specialization*: Romance Languages
- Thomas Edward Linehan, Columbus  
A.B. (Webster College)  
*Field of Specialization*: Art Education
- Donald James Loveman, Medina  
B.S.Ed.  
*Field of Specialization*: Music
- Kay Marlene Heter Mackan, Bellevue  
A.B. (Heidelberg College)  
*Field of Specialization*: Education
- Bruce Daly MacPhail,  
North White Plains, N. Y.  
B.A. (College of Wooster)  
*Field of Specialization*: English
- Stacey Henderson Mancuso,  
Cincinnati  
B.F.A. (Syracuse University)  
*Field of Specialization*: Art Education
- Joseph Peter Manczuk, Parma  
B.A. (University of Missouri, Kansas City)  
*Field of Specialization*: Political Science
- Nancy Anne Mayfield, Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization*: Education
- Grace Wold McCalley, Columbus  
B.S. (Moorhead State College)  
*Field of Specialization*: Music
- Linda Leigh McCluskey, Columbus  
B.A. (Rockford College)  
*Field of Specialization*: Education
- Wayne McDowell, Mansfield  
B.A.  
*Field of Specialization*: Education
- Patricia Anne McGough, Lima  
B.A. (Miami University)  
*Field of Specialization*: Journalism
- Marilyn Diane Metcalf, Mansfield  
B.S.Ed.  
*Field of Specialization*: Education
- Janet Louise Meyer, Fostoria  
B.S.Ed.  
*Field of Specialization*: Education

- Gene Raye Miller, Owensboro, Ky.  
B.S. (Murray State College)  
*Field of Specialization:* Theatre
- Rose Ann Marie Miller, Marblehead  
B.S.Ed. (Capital University)  
*Field of Specialization:* Art Education
- Ernestine Montgomery, Cleveland  
B.A.  
*Field of Specialization:* Education
- Shirley Mickley Moorehead, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Allen Henry Moos, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Douglas H. Morgan,  
Oklahoma City, Okla.  
B.A. (Oklahoma City University)  
*Field of Specialization:* History
- Dale Michael Moyer, Rockford, Ill.  
B.A. (Northern Illinois University)  
*Field of Specialization:* Psychology
- Douglas Roy Munro,  
Ann Arbor, Mich.  
B.A. (University of Oklahoma)  
*Field of Specialization:* Economics
- Robert Hebard Mustard,  
Wallingford, Conn.  
B.A.  
*Field of Specialization:* English
- Judith Ann Muyskens, Gary, Ind.  
B.A. (Central College)  
*Field of Specialization:* Romance  
Languages
- Steven Robert Nelson,  
Battleground, Wash.  
B.A. (Western Washington State  
College)  
*Field of Specialization:* Education
- Julianne Nickell, Middletown  
B.S. (Miami University)  
*Field of Specialization:* Art Education
- Carmen Michael Niman, Columbus  
B.A. (Wesleyan University)  
*Field of Specialization:* Psychology
- Chad Alan Norcross, Berea  
B.A.  
*Field of Specialization:* Education
- Barbara Nippert Nuenke,  
Worthington  
B.S.Ed.  
*Field of Specialization:* Education
- Lawrence Victor O'Connor, Columbus  
B.S. (George Williams College)  
*Field of Specialization:* Education
- Alice Burns Omaggio, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Romance  
Languages
- Dudley Onderdonk, III, Cincinnati  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Geography
- Michael Alexander Orloff, Skokie, Ill.  
B.A. (Knox College)  
*Field of Specialization:* Slavic  
Languages
- John Paul Pallay, Columbus  
B.A.  
*Field of Specialization:* Journalism
- Jenifer Janet Partch, St. Cloud, Minn.  
B.A. (Hamline University)  
*Field of Specialization:* Anthropology
- Dudley Patrick, Columbus  
B.A.  
*Field of Specialization:* Education
- Josphine Ann Petrozzi, Steubenville  
B.S.Ed.  
*Field of Specialization:* Education
- Stephen Joseph Pfohl,  
Washington, D. C.  
B.A. (Catholic University of  
America)  
*Field of Specialization:* Sociology
- Robert Leslie Phillips,  
Huntington, W. Va.  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Business  
Administration
- Nancy Wood Pickrel, Columbus  
B.A. (Allegheny College)  
*Field of Specialization:* English
- William Gerald Platt, Detroit, Mich.  
B.S. (Michigan State University);  
M.B.A. (Wayne State University)  
*Field of Specialization:* Public  
Administration
- Andreas Jonas Rabe, Columbus  
B.S.Agr.  
*Field of Specialization:* Speech  
Communication
- Nancy Dee Raming, Galena  
B.S.Ed. (Kent State University)  
*Field of Specialization:* Physical  
Education
- Donald Eddy Reiber, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Stanley Don Reichgott, Columbus  
B.A.  
*Field of Specialization:* Sociology
- John Edward Rogers, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Rodney Roscoe, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Dianne Davis Roth, Columbus  
B.A. (University of Colorado)  
*Field of Specialization:* Sociology
- Linda Kay Schamber, Mansfield  
B.S.Ed.  
*Field of Specialization:* Journalism
- Gilbert Bruce Scherer,  
Rochester, N. Y.  
B.A. (University of Rochester)  
*Field of Specialization:* Psychology
- Sherry Feitz Schottke, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- James Ralph Schutte, Euclid  
B.A. (Wittenberg University)  
*Field of Specialization:* Romance  
Languages
- Hugh Leslie Shaffer, Alliance  
B.A. (Mount Union College)  
*Field of Specialization:* Slavic  
Languages
- Roy Shapiro, South Euclid  
B.A.  
*Field of Specialization:* Psychology
- Sister Valerie Ann Shaul, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization:* Education
- Mary Brigid Shelly, Alpha, N. J.  
A.B. (Rutgers-The State University)  
*Field of Specialization:* Slavic  
Languages
- Vivian Harper Siebert, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Martin Thomas Skeele, Columbus  
B.F.A.  
*Field of Specialization:* Education
- Caroline Heyward Sparks,  
Seattle, Wash.  
B.A. (Auburn University); M.A.  
(Tulane University of Louisiana)  
*Field of Specialization:* Psychology

\* Also Doctor of Philosophy, Graduate School

Michael William Spicer, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Public Administration*

Harry Asbury Spyker, III, Fairborn  
B.S. in Ed. (Central State University)  
*Field of Specialization: Music*

Keith Judd Stanger, Columbus  
B.A. (State University of New York,  
Harpur College)  
*Field of Specialization: Psychology*

Thomas Andrew Stankosky,  
Bridgeport, Conn.  
B.A. (Catholic University of  
America)  
*Field of Specialization: Romance Languages*

Anna Maus Staudenmaier, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

David Bruce Stokes, Newark  
B.S.Bus.Adm.  
*Field of Specialization: Public Administration*

Anne Dropkin Swedlow, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization: Education*

James Rountree Temples, Vidalia, Ga.  
A.B. (University of Georgia)  
*Field of Specialization: Political Science*

Mary Alice Vandegrift, Verga, N. J.  
A.B. (Rutgers-The State University)  
*Field of Specialization: German*

Virginia Elizabeth Varga,  
Richmond Heights  
B.A. (John Carroll University)  
*Field of Specialization: Sociology*

Roger Craig Vogel, Cleveland  
B.Mus.  
*Field of Specialization: Music*

Karen S. Watts, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Brenda Harris Waxman, Columbus  
B.S. (Florida State University)  
*Field of Specialization: Education*

Deborah Steiner Weber, Wooster  
B.A. (Denison University)  
*Field of Specialization: Anthropology*

Thomas Charles Webster, Columbus  
B.A. (Graceland College)  
*Field of Specialization: Economics*

Sally Ann Whetsel, Cincinnati  
B.S.Ed.  
*Field of Specialization: Education*

Frances Ann Whitehead, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Charles Eugene Worth, Dayton  
B.A.  
*Field of Specialization: Education*

Joanne Mildred Wrasse, Bellville  
A.B. (Findlay College)  
*Field of Specialization: Education*

Carolyn Sue Wright, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Joan Joyce Wright, Columbus  
B.S. (Florida Normal and Industrial  
Memorial College)  
*Field of Specialization: Education*

Joyce Marie Yanchar, Euclid  
B.S. (Ohio University)  
*Field of Specialization: Economics*

Kathleen Mitchell Yarbrough,  
Columbus  
B.A.  
*Field of Specialization: Education*

Karen Gernenz Youngman, Columbus  
B.A. (Denison University)  
*Field of Specialization: Romance Languages*

George Charles Zeller, Salem  
B.A. (Wittenberg University)  
*Field of Specialization: Sociology*

#### **Master of Business Administration**

Thirty-three candidates

Robert Clark Amos, Scio  
B.Met.E.  
*Field of Specialization: Business Administration*

Paul Allen Bedo, Bedford  
B.S.Bus.Adm. (John Carroll  
University)  
*Field of Specialization: Business Administration*

Anil Bhandari, Coral Gables, Fla.  
B.S. (Agra University, India) ;  
B.Tech. (Institute of Technology,  
India) ; M.S.  
*Field of Specialization: Business Administration*

Gregory Alan Cada, Lyndhurst  
B.S. (Case Western Reserve  
University)  
*Field of Specialization: Business Administration*

Stephan Wayne Conaway, Cardington  
A.B. (Duke University)  
*Field of Specialization: Business Administration*

John Ronald Corson,  
Mt. Ephraim, N. J.  
B.S. (Drexel University)  
*Field of Specialization: Business Administration*

James Louis Dorrance, Columbus  
B.S.Ed.  
*Field of Specialization: Business Administration*

Elwood Addison Ellis, III, Columbus  
B.A. (College of Wooster)  
*Field of Specialization: Business Administration*

Alan Douglas Fruehan, Lakewood  
B.S.  
*Field of Specialization: Business Administration*

James Edmund George, Columbus  
B.S. (Wisconsin State University,  
Stevens Point)  
*Field of Specialization: Business Administration*

Edward Leone Goff, Lucedale, Miss.  
B.S. (Mississippi State University)  
*Field of Specialization: Business Administration*

Charles Bernard Grebus, Groveport  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Roger Patrick Handley, Newark  
A.B. (Indiana University)  
*Field of Specialization: Business Administration*

Robert Michael Harbrecht,  
Worthington  
B.A. (Duke University)  
*Field of Specialization: Business Administration*

Harry Lee Haubert, Coldwater  
B.S. (Ohio University)  
*Field of Specialization: Business Administration*

Stephen Carl Hendrix,  
Falls Church, Va.  
B.A. (Texas Christian University) ;  
M.I.S. (American University)  
*Field of Specialization: Business Administration*

Richard Dale Higdon, Worthington  
B.S.M.E. (Purdue University)  
*Field of Specialization: Business Administration*

Charles Howard Knight, Pomeroy  
B.B.A. (Ohio University)  
*Field of Specialization: Business Administration*

Robert Lee Lanning, III, Rocky River  
B.S. (Purdue University)  
*Field of Specialization: Business Administration*

John Thomas Lennon, Columbus  
B.S.Ed.  
*Field of Specialization: Business Administration*

John Andrew MacDonald,  
Shaker Heights  
B.A. (Trinity College)  
*Field of Specialization: Business Administration*

John Joseph Moss, Cambridge  
B.A.  
*Field of Specialization: Business Administration*

John Charles Nieman, Cincinnati  
B.B.A. (University of Cincinnati)  
*Field of Specialization: Business Administration*

David Charles Rader, McComb  
B.S.E.E.  
*Field of Specialization: Business Administration*

Alan Edward Rohrs, Hicksville  
B.A.  
*Field of Specialization: Business Administration*

William Keith Root, Columbus  
B.A.  
*Field of Specialization: Business Administration*

Frank John Schranz,  
Mission Hills, Calif.  
B.A. (Whittier College)  
*Field of Specialization: Business Administration*

Gary Lee Schulte, St. Marys  
B.M.E.  
*Field of Specialization: Business Administration*

Samuel Silas Skidmore, Cincinnati  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

David Ralph Stuecheli, Akron  
B.A. (Michigan State University)  
*Field of Specialization: Business Administration*

David Leonard Tryda, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Nicholas Brown Wilson, Columbus  
B.S. (United States Military Academy)  
*Field of Specialization: Business Administration*

Barry Nelson Winslow, Columbus  
B.A.Jour.  
*Field of Specialization: Business Administration*

#### **Master of City Planning**

Four candidates

Thomas Michael Isaacs, Youngstown  
B.A. (Hartwick College)  
*Field of Specialization: City and Regional Planning*

James Murray Jennings, Jr.,  
Columbus  
B.A. (Miami University)  
*Field of Specialization: City and Regional Planning*

Howard Robert Maier, Cleveland  
B.A.  
*Field of Specialization: City and Regional Planning*

Harry Eugene Smail, Columbus  
B.S.Agr., M.S.  
*Field of Specialization: City and Regional Planning*

#### **Master of Music**

Three candidates

Robert Michael Daugherty, Huron  
B.A. (Denison University)  
*Field of Specialization: Music*

Gay Ann Rahmel, Defiance  
B.A. (Bluffton College)  
*Field of Specialization: Music*

George Melvin Tepping, Dayton  
B.Mus.  
*Field of Specialization: Music*

#### **Master of Science**

One hundred and sixty-five candidates

Patsy Joseph Accardo, Wheaton, Md.  
B.S.Nurs. (University of Nebraska)  
*Field of Specialization: Allied Medicine*

Syed Abuzar Ahmad, Bihar, India  
B.Sc. (Engr.) (Ranchi University)  
*Field of Specialization: Electrical Engineering*

Howard Thomas Albin, Columbus  
B.S.Agr.  
*Field of Specialization: Zoology*

Scott Robert Albin, Columbus  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Elisabeth Juliana Angrick, Columbus  
B.S.  
*Field of Specialization: Medical Microbiology*

Charles Edward Armbruster, Jr.,  
Columbus  
B.A. (Bridgewater College)  
*Field of Specialization: Computer and Information Science*

William Bradford Ashton,  
Windham Center, Conn.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Industrial Engineering*

John Paul Bachlet,  
Fernie, B. C., Canada  
B.A.Sc. (University of British Columbia)  
*Field of Specialization: Metallurgical Engineering*

Carol Kowatch Baker, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Ronald Dale Barker, Burlington, Vt.  
B.S. (University of Akron)  
*Field of Specialization: Mathematics*

Patricia Susan Bartos, Columbus  
B.S.  
*Field of Specialization: Statistics*

Henry Chester Beavers,  
Bear Creek, N. C.  
B.S. (Campbell College)  
*Field of Specialization: Animal Science*

Robert Campbell Beckett,  
Lisburn, North Ireland  
B.Ag. (Queen's University of Belfast)  
*Field of Specialization: Dairy Science*

Jay Hogan Benedict, Columbus  
B.S. (Youngstown State University)  
*Field of Specialization: Allied Medicine*

Ilana Ingeborg Bjorling-Sachs,  
Bergsjö, Sweden  
Fil.Kand. (Umea Universitet)  
*Field of Specialization: Computer and Information Science*

- Phillip Bruce Bohl, Wooster  
B.S.M.E.  
*Field of Specialization: Mechanical Engineering*
- Raymond Edgar Bowers, Columbus  
B.S.Ed.  
*Field of Specialization: Zoology*
- Thomas Gram Brosey, Columbus  
B.S.Agr.E.  
*Field of Specialization: Agricultural Engineering*
- Peter Warren Brubaker,  
Palos Verdes, Calif.  
B.S. (University of California,  
Berkeley)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Don Charles Buckloh, London  
B.S.Agr.  
*Field of Specialization: Natural  
Resources*
- James Henry Budde, Columbus  
B.S. (Texas Agricultural and  
Mechanical University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*
- Sister Maryann Burgoyne,  
Philadelphia, Pa.  
B.S. (Villanova University)  
*Field of Specialization: Nursing*
- Gary William Buttwin,  
North Madison  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*
- Peter Carrell Camana, Pennsburg, Pa.  
B.S.E.E. (Lehigh University)  
*Field of Specialization: Electrical  
Engineering*
- Sister Monica Mary Casey,  
Philadelphia, Pa.  
B.S.Nurs. (Villanova University)  
*Field of Specialization: Nursing*
- Jose Oscar Caverro-Robbiano,  
Lima, Peru  
D.V.M. (University of San Marcos)  
*Field of Specialization: Veterinary  
Clinical Sciences*
- Deanna Fern Hawkins Cedargren,  
Centerburg  
B.S.Nurs. (Capital University)  
*Field of Specialization: Nursing*
- Michael James Clifford, Columbus  
B.S. (University of Texas)  
*Field of Specialization: Geology*
- Susan Stickel Coady, Westerville  
B.S. in Ed. (Wittenberg University)  
*Field of Specialization: Home  
Economics*
- Suzanne Uhl Cordrey, Oxford  
B.S.Med.Diet.  
*Field of Specialization: Allied  
Medicine*
- Joan Cummins, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Phyllis Rene Curl, Houston, Tex.  
B.S.Nurs. (Dillard University)  
*Field of Specialization: Nursing*
- Richard Russell Daniel, Bradford  
B.Met.E.  
*Field of Specialization: Metallurgical  
Engineering*
- Joel Ziegler Dawson, Columbus  
B.A. (Miami University)  
*Field of Specialization: Natural  
Resources*
- Fernando Rodrigues DeCarvalho,  
Rio de Janeiro, Brazil  
Engenheiro Geografo (Institute  
Militar de Engenharia)  
*Field of Specialization: Geodetic  
Science*
- Wayne Calvin Dilling, North Canton  
B.S. (Ohio University)  
*Field of Specialization: Computer and  
Information Science*
- Loretta Marie Di Vecchia,  
West Aliquippa, Pa.  
B.A. (Carlow College)  
*Field of Specialization: Medical  
Microbiology*
- Robert Charles Doehler,  
West Seneca, N. Y.  
B.S.Agr.  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*
- William Paul Dornsife, Ashland, Pa.  
B.S. (United States Naval Academy)  
*Field of Specialization: Nuclear  
Engineering*
- John Joseph Dueweke, Dayton  
B.M.E. (University of Detroit)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Jay Allan Estabrook,  
Saratoga Springs, N. Y.  
B.S. (Tufts University)  
*Field of Specialization: Computer  
and Information Science*
- John Milton Evans, New Carlisle  
B.S.Agr.  
*Field of Specialization: Horticulture*
- Edward Harold Fairchild, Medway  
B.S. (Wright State University)  
*Field of Specialization: Pharmacy*
- David Lee Fawcett, Gambier  
B.S. (Oklahoma State University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*
- Philip Francis Federle,  
Cincinnati  
B.S.  
*Field of Specialization: Entomology*
- Richard Craig Fendrick, Columbus  
B.S.Agr.  
*Field of Specialization: Animal  
Science*
- Helen Marie Ference, Youngstown  
B.S. (Youngstown State University)  
*Field of Specialization: Nursing*
- Carol Bracken Fidler, Cuyahoga Falls  
B.S. in A. and S. (Kent State  
University)  
*Field of Specialization: Preventive  
Medicine*
- Albert Ray Fish, Caro, Mich.  
B.S. (University of Michigan)  
*Field of Specialization: Computer  
and Information Science*
- Robert Vance Foutz, Dover  
B.A. (Yale University)  
*Field of Specialization: Statistics*
- Kenneth Howard Fuhr,  
Greenfield, Ind.  
A.B. (Augustana College)  
*Field of Specialization: Chemistry*
- Timothy Austin Furbay, Canton  
B.S. (Heidelberg College)  
*Field of Specialization: Preventive  
Medicine*
- Mildred Battle Gardner,  
Columbus, Ga.  
B.S. (Albany State College, Georgia)  
*Field of Specialization: Nursing*
- Felix Okey Glover, Fairborn  
B.S.E.E. (West Virginia University)  
*Field of Specialization: Electrical  
Engineering*
- Rajendra Mohan Gupta, Agra, India  
B.Sc., M.Sc. (Agra University)  
*Field of Specialization: Geodetic  
Science*

- David Lee Guthrie, Columbus  
B.S.Agr.  
*Field of Specialization:* Civil Engineering
- Donna Jo Harbold,  
Huntington, W. Va.  
B.S. (University of Oklahoma)  
*Field of Specialization:* Computer and Information Science
- Joseph Burl Harvey, West Mansfield  
B.S.Ed.  
*Field of Specialization:* Botany
- Jam-s Michael Heilman, New Carlisle  
B.S.Agr.  
*Field of Specialization:* Natural Resources
- Mary Jane Heintz, Columbus  
B.S. (Capital University)  
*Field of Specialization:* Nursing
- Tommy Burnett Henderson,  
Texarkana, Tex.  
B.A. (University of Texas)  
*Field of Specialization:* Computer and Information Science
- Louis Stephen Henefeld,  
Miramar, Fla.  
B.S. (University of Notre Dame)  
*Field of Specialization:* Computer and Information Science
- Pamela Ames Hershberger, Columbus  
B.S.Nurs.  
*Field of Specialization:* Nursing
- Gary Ernest Hoam, Mt. Gilead  
B.Ch.E.  
*Field of Specialization:* Chemical Engineering
- Doris Stanley Holeman,  
Columbus, Ga.  
B.S. (Albany State College, Georgia)  
*Field of Specialization:* Nursing
- Daniel Brewster Holmes, Dayton  
B.A. (Colorado College); M.B.A. (University of Michigan)  
*Field of Specialization:* Computer and Information Science
- Doris Emily Holmok, Cleveland  
B.S.Nurs. (Case Western Reserve University)  
*Field of Specialization:* Nursing
- James Daniel Hone, Jr., Columbus  
B.S.Food Tech.  
*Field of Specialization:* Animal Science
- Susan Burkart Hornung,  
Beachwood, N. J.  
B.S. (Saint Lawrence University)  
*Field of Specialization:* Entomology
- Mei-lin Marina Hsieh, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization:* Entomology
- Chung Der Huang,  
Kaohsiung, Taiwan  
B.S. (Taiwan Province Chung Hsing University)  
*Field of Specialization:* Entomology
- Don Allen Irons, Jr., Columbus  
B.S. in E.E. (University of Florida)  
*Field of Specialization:* Electrical Engineering
- Karen Kanke James, Reynoldsburg  
B.S.Med.Tech.  
*Field of Specialization:* Pathology
- Chander Shekhar Joshi, Punjab, India  
B.S.,M.S. (Agra University)  
*Field of Specialization:* Geodetic Science
- Susan Swonger Kamps, Columbus  
B.S.  
*Field of Specialization:* Zoology
- Robert Edward Karnak, Cleveland  
B.S. (Cleveland State University)  
*Field of Specialization:* Entomology
- Cynthia Jean Kayer, Pomona, Calif.  
B.S.Nurs. (University of California, Los Angeles)  
*Field of Specialization:* Nursing
- Camille Marie Kelly, Columbus  
B.S. (University of Alberta)  
*Field of Specialization:* Physiological Chemistry
- Richard Allen Kershaw, Euclid  
B.S.  
*Field of Specialization:* Chemistry
- Wai Lee Ko, Dayton  
B.S.E.E.  
*Field of Specialization:* Electrical Engineering
- Jerry Dale Koch, Garfield Heights  
B.S. (Case Western Reserve University)  
*Field of Specialization:* Mathematics
- Kap Hoi Koo, Chunpuk, Korea  
B.Animal Husbandry, M.S. (Kon Kuk University)  
*Field of Specialization:* Dairy Technology
- Alan Edward Kramarz, Seven Hills  
B.A. (Hiram College)  
*Field of Specialization:* Computer and Information Science
- Benny C Kwong, Columbus  
B.S. (Mapua Institute of Technology, Philippines)  
*Field of Specialization:* Chemical Engineering
- \*Steven Karl Leavitt, Troy  
B.S. (National Taiwan University)  
*Field of Specialization:* Civil Engineering
- Buil Wing Lee, Columbus  
B.S.E.E.  
*Field of Specialization:* Electrical Engineering
- Thomas Leroy Lehman, West Liberty  
B.S.Agr.  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Michael Francis Lemanski, Cleveland  
B.S. (University of Dayton)  
*Field of Specialization:* Chemistry
- \*William H. Lewis, III,  
Newburgh, N. Y.  
*Field of Specialization:* Civil Engineering
- Wen-Len Li, Taipei, Taiwan  
B.S.E. (Taiwan Cheng Kung University)  
*Field of Specialization:* Civil Engineering
- Leonard Marvin Luchsinger,  
Hamilton  
B.S. (University of Pittsburgh)  
*Field of Specialization:* Allied Medicine
- Rogelio de Leon Luis,  
Quezon City, Philippines  
B.S. (United States Military Academy); B.S. (Polytechnic College, Philippines)  
*Field of Specialization:* Civil Engineering
- John Victor Lundberg, Mars, Pa.  
B.S. (Case Western Reserve University)  
*Field of Specialization:* Electrical Engineering
- Linda Jean Lutz, Cincinnati  
B.S.N. (University of Cincinnati)  
*Field of Specialization:* Nursing
- William Henry Lutz, Nankin  
B.S.C.E.  
*Field of Specialization:* Civil Engineering
- Wilma Jean Vargo Lutz, Columbus  
B.S.Nurs.  
*Field of Specialization:* Nursing
- David Ray Lynd, Ironton  
B.S.C.E.  
*Field of Specialization:* Civil Engineering

\* Also Bachelor of Civil Engineering, College of Engineering

- James Lewis Mace, Bonners Ferry, Id.  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Ashok Chunilal Masand, Lyndhurst  
B.S. (Punjab Engineering College, India)  
*Field of Specialization: Mechanical Engineering*
- Anna Marie Mascio, Garfield Heights  
B.S. (Saint John College of Cleveland)  
*Field of Specialization: Nursing*
- David Arvine Mayhew, St. Clairsville  
A.B. (West Liberty State College)  
*Field of Specialization: Natural Resources*
- Dennis Lee McGarry, Lewisville  
B.Met.E.  
*Field of Specialization: Metallurgical Engineering*
- Denise Patricia McIntyre, St. Paul, Minn.  
B.G.S. (University of Nebraska)  
*Field of Specialization: Allied Medicine*
- Muriel Mitchell, Baltimore, Md.  
B.A. (Wittenberg University)  
*Field of Specialization: Medical Microbiology*
- Darryl Edward Moravek, Pickerington  
B.S.E.E.  
*Field of Specialization: Electrical Engineering*
- James William Morgan, Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Charles Raymond Morin, Columbus  
B.Met.E.  
*Field of Specialization: Metallurgical Engineering*
- Alice Walters Noll, Fostoria  
B.S.Nurs.  
*Field of Specialization: Nursing*
- John Arthur Nordberg, Harrisburg, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Geodetic Science*
- Iris Clark O'Connor, Zanesville  
B.S. (North Carolina State University at Raleigh)  
*Field of Specialization: Computer and Information Science*
- Martin Robert Okos, Sylvania  
B.S.Food Tech.  
*Field of Specialization: Chemical Engineering*
- Richard Vincent Olson, Parma  
B.S. (University of Dayton)  
*Field of Specialization: Computer and Information Science*
- Hector Eduardo Otheguy, Buenos Aires, Argentina  
Licenceade (Universidad Nacional de Cuyo)  
*Field of Specialization: Physics*
- Ronald Lee Overmyer, Oak Harbor  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- Susan Dale Parsons, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization: Pathology*
- Ian Leonard Pepper, Birmingham, England  
B.Sc. (University of Birmingham)  
*Field of Specialization: Agronomy*
- Terry Irvin Phillips, Dayton  
B.B.A., B.S.E.E. (Kansas State University)  
*Field of Specialization: Electrical Engineering*
- Donald Bryant Pies, Dallas, Tex.  
B.S.M.E. (Texas Technological College)  
*Field of Specialization: Mechanical Engineering*
- Ananda Kumar Praturi, Vijayawada, India  
B.Tech., M.Tech. (Andhra University)  
*Field of Specialization: Chemical Engineering*
- William Quan, San Francisco, Calif.  
B.S. (University of California at Berkeley)  
*Field of Specialization: Chemistry*
- Ronald Boyd Ransom, Ashland  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Gregory Jeff Remy, Portsmouth  
B.S.  
*Field of Specialization: Computer and Information Science*
- Elizabeth Auldridge Rolston, Columbus  
A.B. (West Virginia University)  
*Field of Specialization: Home Economics*
- Ruth Juanita Ross, Mound Bayou, Miss.  
B.S.Nurs. (Tuskegee Institute)  
*Field of Specialization: Nursing*
- Lawrence Day Rowe, West Union  
D.V.M.  
*Field of Specialization: Veterinary Physiology and Pharmacology*
- Thomas Joseph Rusnak, Parma  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Robert Allen Saftner, Glenshaw, Pa.  
B.A. (Slippery Rock State College)  
*Field of Specialization: Botany*
- Sister Mary Dolores Sax, Antigonish, N.S., Canada  
B.S. (Saint Francis Xavier University)  
*Field of Specialization: Home Economics*
- °Dennis James Schumaker, Port Clinton  
*Field of Specialization: Nuclear Engineering*
- Madeline Lee Brummer Shay, Lynbrook, N. Y.  
B.A. (Case Western Reserve University)  
*Field of Specialization: Medical Microbiology*
- Gerald Brian Shearer, Lake Grove, Ore.  
B.S. (Portland State College)  
*Field of Specialization: Geology*
- Marc Hillary Silverman, Columbus  
B.S.C.I.S.  
*Field of Specialization: Computer and Information Science*
- Charles George Simon, Dayton  
B.S. (Wright State University)  
*Field of Specialization: Physics*
- Elaine Cecilia Siwiec, Brooklyn, N. Y.  
B.A. (Saint Joseph's College for Women)  
*Field of Specialization: Chemistry*
- James Charles Skeeles, Sullivan  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- Ernest Charles Smith, Sherrodsville  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- Joan Ericson Smoot, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Mathematics*

\* Also Bachelor of Mechanical Engineering, College of Engineering

Andrew Chanho Sonu, Seoul, Korea  
B.S. (University of California at Berkeley)  
*Field of Specialization:* Electrical Engineering

Richard Lynn Spar, Lima  
B.A. (Kent State University)  
*Field of Specialization:* Agricultural Economics and Rural Sociology

Rebecca Sue Staley, Lima  
B.S.Ed.  
*Field of Specialization:* Computer and Information Science

Willard Stamper, Jr., Caledonia  
B.S. (Otterbein College)  
*Field of Specialization:* Microbiology

Donald Ray Stickle, Canton  
B.Met.E.  
*Field of Specialization:* Metallurgical Engineering

Thomas Carroll Stilwell, Piqua  
B.S.Agr.  
*Field of Specialization:* Agronomy

Charles Ellsworth Stock, Columbus  
B.S.Ed.  
*Field of Specialization:* Agricultural Economics and Rural Sociology

Robert Peter Stone, Cleveland  
B.S. (Purdue University); M.S.  
*Field of Specialization:* Preventive Medicine

Susan Evelyn Stuart, Canton  
B.S.Nurs. (University of Cincinnati)  
*Field of Specialization:* Nursing

Richard V. Telsoni, Lorain  
B.S. (Rutgers-The State University)  
*Field of Specialization:* Poultry Science

Cho-fong To, Hong Kong  
B.S. (Chung Chi College); M.S. (University of South Carolina)  
*Field of Specialization:* Computer and Information Science

Emmanuel Tsimis, Thessaloniki, Greece  
Diploma (University of Thessaloniki); M.S. (State University of New York at Stony Brook)  
*Field of Specialization:* Geodetic Science

David Alan Waggoner, Youngstown  
B.S. (Mount Union College)  
*Field of Specialization:* Biochemistry

Carl Edward Warnes, Ashland  
B.S. (Otterbein College)  
*Field of Specialization:* Microbiology

John Louis Weinheimer, Columbus  
B.S.Agr.  
*Field of Specialization:* Agricultural Economics and Rural Sociology

Sister Mary Louisita Welsh, Columbus  
B.S. (Saint Mary's College, Indiana)  
*Field of Specialization:* Nursing

Carol Sue Wharton, Parkersburg, W. Va.  
B.A. (Marshall University)  
*Field of Specialization:* Agricultural Economics and Rural Sociology

Laureen Brothers Wilderman, Columbus  
B.S.H.E.  
*Field of Specialization:* Home Economics

Susan Jean Will, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization:* Nursing

Alzora Ruth Williams, New York, N. Y.  
B.S. (Florida Agricultural and Mechanical University)  
*Field of Specialization:* Nursing

Alona Faye Winbush, Baton Rouge, La.  
B.S. (Southern University and Agricultural and Mechanical College)  
*Field of Specialization:* Computer and Information Science

Fredric Barry Winer, Kenmore, N. Y.  
B.A. (State University of New York at Buffalo)  
*Field of Specialization:* Chemistry

Harold Richard Wood, Columbus  
B.S. (Denison University); M.S.  
*Field of Specialization:* Nuclear Engineering

Cathy Joan Wright, Holliston, Mass.  
B.S.Ed. (University of Maine)  
*Field of Specialization:* Agricultural Economics and Rural Sociology

Catherine Anne Yee, Detroit, Mich.  
B.S. (University of Detroit)  
*Field of Specialization:* Computer and Information Science

James Yung Shao Yeh, Taipei, Taiwan  
B.S.E. (Cheng Kung University)  
*Field of Specialization:* Electrical Engineering

Akihito Yoshida, Tokyo, Japan  
B.E. (Waseda University)  
*Field of Specialization:* Computer and Information Science

Suk Chol Yun, Seoul, Korea  
B. of Econ. (Seoul National University)  
*Field of Specialization:* Agricultural Economics and Rural Sociology

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Richard Bohning  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigbsy

### 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: Franklin P. Kilpatrick

## College of the Arts

Dean: Lee Rigbsy

### Bachelor of Arts

Seven candidates

Patricia Jo Feiss, Seven Hills  
Patricia Sue Heideman, Cincinnati  
Ann Louise Hoeland, Dayton  
Peggy Marlene Pyles, Cedarville  
Randolph William Reed, Columbus  
John Christopher Ross, Columbus  
Judith Margaret Ross, Worthington

### Bachelor of Fine Arts

Twenty-three candidates

Bronwyn Ann Allison, Cuyahoga Falls  
Elaine Kay Biagi, Schenectady, N. Y.  
Barbara Ann Bromley, Columbus  
Robin Lee Chestnut, Columbus  
Lauralyn Ehrman, Akron  
William Frank Hoelcher, Westerville  
Katherine Louise Kientz, Columbus  
Leslie Allen Lemley, Columbus  
Mark Harry Melnek, Woodville  
Dominique Dinouart Mintz, Columbus  
Erin Kathleen Moloney, Columbus  
Marc James Montell, Columbus  
Georgianna Mary Newton, Syracuse, N. Y.  
Barbara Jo O'Banion, Kettering

Robert John Oktabetz, Cleveland  
Jack Lee Perez, Miami, Fla.  
Robert W. Sales, Canton  
Kathleen Jo Satterfield, West Union  
Suzan Katherine Scianamblo, Kettering  
Nancy Mae Sullivan, Columbus  
Axel Gerd-Rainer Von Kaenel, Marion  
Christine Lynn Woodten, Rocky River  
\*Kathryn Jo Yarrington, Blacklick

### Bachelor of Music

Four candidates

Sharon Combs Davis, Columbus  
Gary Lee Eby, Columbus  
\*\*Karen Jean Kartsimas, Columbus  
Patricia Ann Kelley, St. Petersburg, Fla.

**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 31

### Bachelor of Science in Industrial Design

Two candidates

Paul Franklin Brown, Chillicothe  
Howard John Skubovius, Parma

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Science

Thirty-six candidates

Michael Blaine Allison, Toledo  
James Scott Baughman, Columbus  
Steven James Bolland, Cincinnati  
Timothy Allen Bowling, Hamilton  
Katrina Marie Brooks, Columbus  
Roderick Bruce Campbell, Columbus  
Charles Vito Caponigro, Cleveland  
Frank Ramon Carroll, Columbus  
Donn Leslie Davids, Columbus  
Ronald Charles Detmer, Xenia

Carol Jean Foltz, Galion  
Paul Michael Groski, Cleveland  
Gary Glenn Gramau, Canton  
Richard Edward Hand, Columbus  
Timothy George Helentjaris, Medway  
Gerald Bruce Jones, Westerville  
Steven Donald Jones, Columbus  
Janet Rush Lang, Columbus  
Nancy Carol Lohrey, Cleveland  
Thomas Richard MacGregor, Sandusky  
Dennis Owen McIntyre, Elyria  
Benedict Joseph Messana, Columbus  
William Elliott Meyers, Columbus  
Raphael Ellis Neighbarger, Mt. Vernon  
Michael Anthony Pentella, Canton  
Perene Matyas Relle, Columbus  
Richard Lewis Rigatti, Jr., Columbus  
David Lee Sands, Newark  
John Michael Seelig, Columbus  
James Lee Shellhaas, Columbus  
Larry Eugene Sluss, North Canton  
George August Smedley, III, Cincinnati  
Beatrice Ann Weaver, Columbus  
Brian Craig Williamson, Proctorville  
Susan Kay Woodruff, Akron  
Arthur Andrew Wulfhop, Putnam Valley, N. Y.

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Sixty-five candidates

Lewis Jay Agin, Columbus  
Mary Alice Bailey, Toledo  
Stuart Thomas Barasch, Whitestone, N. Y.  
Frances Kathryn Baskin, Columbus  
Lawrence William Betz, Columbus  
Kenneth Aubrey Borokhovich, Bethel  
Claudette Yvonne Boveine, Columbus  
Michael Jefferson Bryan, Portsmouth  
Janice Diane Buller, Worthington  
Janet Marie Bussert, Lithopolis  
Gregory Neil Butler, Mansfield  
John Paul Caserta, Burlington, Mass.  
Boris Charlanow, Waverly, N. Y.  
Florence Louise Coffy, Carrollton  
Teresa Ann Colston, Columbus

\* Also Bachelor of Art Education, College of Education

\*\* Also Bachelor of Music Education, College of Education

David William Corbally, Columbus  
 Stephen Edward Cross, Portsmouth  
 James Melton Cutter, Columbus  
 Stephen Francis Dattalo, Columbus  
 Larry Keith Delaney, Xenia  
 Dennis Jay Deppen, Findlay  
 James Robert Downard, Wellston  
 Bonnie Jean Freda, Columbus  
 Gregg Elliott Friedberg, Columbus  
 Diana Neal Galbreath, Columbus  
 John Joseph Gossett, Columbus  
 Douglas Jack Haubert, Alliance  
 Albert Maurice Hiser, Fostoria  
 Steven Lee Holtschulte, Columbus  
 Robert William Johnson, II, Columbus  
 Susan Belinda Keasey, Granville  
 Joan Gracia Kotker, Worthington  
 William Terry Krueger,  
   Mayfield Heights  
 Michael Anthony Langianese,  
   Cincinnati  
 Linda Jean Larson, Chagrin Falls  
 Marta Wendy Lazar, Glenwood, Ill.  
 Joyce Weinstein Levin, Columbus  
 Barbara Pracht MacArthur, Defiance  
 †Joanne Mase, Columbus  
 Ronda Frances Matlow, Cleveland  
 Edward Austin McSweeney, Columbus  
 Carey Sanford Miller,  
   University Heights  
 Frances Jane Movitz,  
   Grand Rapids, Mich.  
 Susan Melissa Murray, Columbus  
 Daisy Lou Oweleen, Orange, Conn.  
 Patti Louise Overholt, Columbus  
 Ward Barton Perley, Jr., Columbus  
 Beth Pollack, Roslyn Heights, N. Y.  
 John Gregory Precht, Wauseon  
 Jeanne Marie Rhode, Columbus  
 David L. Rice, Coshocton  
 Clayton Stuart Russell, Jr., Tiffin  
 Steven Harvey Seidman, Cleveland  
 Marc Allen Spurgeon, Defiance  
 Robert Allen Stein, Jr., Columbus  
 Nancy Ann Stemmer, Cincinnati  
 Lauren Corliss Stevens, Cincinnati  
 Jon Anthony Streaty, Columbus  
 John Kevin Sullivan, Springfield  
 David Lee Swickard, Newark  
 Stephen Ellsworth Teeters, Groveport  
 Stephen Edward Vlahovich,  
   Oakes, N. D.  
 †Charles Herbert Waterman, Dayton  
 Stephanie Rose Way, Pittsburgh, Pa.  
 Donald Glen Worly, Columbus

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Three candidates

Timothy Robert Andeen, Springfield  
 Jerry Noell Doegen, Columbus  
 Patricia Gabriel Salisbury, Columbus

### Bachelor of Science

Twenty-nine candidates

Ronald Terry Albright, Columbus  
 Mark Dennis Borrelli, Cleveland  
 Gerald Glen Bozard, Conneaut  
 Thomas Leeper Burgett, Columbus  
 Dinh Can, Saigon, Vietnam  
 William Preston Cramsie, Columbus  
 John Samuel Croft, Columbus  
 David Ray Erickson, Columbus  
 Jeffrey Hunter Franklin, Columbus  
 Richard Milton Grossman,  
   Youngstown  
 Gregory Blair Howard, Columbus  
 Leslie Gay Jamison, Worthington  
 Byron Ronald Johnson, Westerville  
 Dennis David Knowles, Columbus  
 John Alexander Konderson, Parma  
 Kenneth Paul Mathews, Newark  
 Arthur Anthony Medicino, Parma  
 Daniel Ariand Meyer, Jr., Akron  
 Michael Jay Morgal, Dix Hills, N. Y.  
 John Bennett Nelson, Willard  
 Ronald Andrew Patak, Poland  
 Christine Annette Riner, Columbus  
 Mario Soliz, San Antonio, Tex.  
 Robert Michael Stark, Columbus  
 Joseph Francis Stranges, III,  
   Columbus  
 Henry Hermanus Van Es,  
   San Francisco, Calif.  
 Michael Thomas Waugh, Columbus  
 Vaughn Paul Wendland, Huron  
 Anthony Wendell Zerges, Cincinnati

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and forty-three candidates

Donald Joseph Abate,  
 Richmond Heights

Coleen Hathaway Ackerman,  
 Columbus  
 Richard Earl Adams, Columbus  
 Ann Elaine Allen, Minerva  
 Charles Thomas Barker, Mansfield  
 Helen Lee Mecklenburg Barkhurst,  
 Hartford City, Ind.  
 Michael William Baumann, Columbus  
 Roger Allen Bloom, Oak Harbor  
 Camilla Bowens, Columbus  
 Susan Houle Branham, Columbus  
 David Lowell Brown, Troy  
 Kathryn Joy McClain Brown,  
 Columbus  
 Sharon Beth Brown, Marysville  
 Marjorie Merle Burnett,  
 Covina, Calif.  
 Donald Anthony Burns, Columbus  
 Dennis Quint Cahn, Shaker Heights  
 Linda Suzanne Cheugh, Columbus  
 Robert Jeff Chrisman, Columbus  
 David Gehring Christman, Hamilton  
 Stephen Painter Close, Columbus  
 John Charles Cochrane, Columbus  
 Harvey Lynn Cohen,  
   University Heights  
 Lynda Robbins Cohen, Englewood  
 Marilyn Jeanne Cohodas, Youngstown  
 Deborah Sue Conrad, Marysville  
 Steven Elliot Coon, Shaker Heights  
 Susan Kathleen Cooper, Lima  
 Daniel Byron Courtney, Fairborn  
 Neil Gordon Crawford, Columbus  
 Rex Richard Crosby, Columbus  
 Phillip John Cykon, Warren  
 Kathryn Ann Daley, Cincinnati  
 Adam Michael Dalmy, Columbus  
 Lonny Charles Danchik,  
   Cleveland Heights  
 Kathryn Youel Davis, Columbus  
 Cynthia Sue de Vries, Columbus  
 Leon Edward Dobkowski,  
   Westville, N. J.  
 John Brian Donahue, Columbus  
 Harry Dreier, Plainfield, N. J.  
 Douglas Reed Elliott, Jr., Columbus  
 Thomas Wantz Elliott,  
   Cleveland Heights  
 Charles Richard Fischman,  
   West Orange, N. J.  
 David Michael Flowers, Galion  
 Ron Eddie Foy, Columbus  
 Jerome Edward Friedman, Cleveland  
 Douglas Swanson Fuller, Columbus  
 Patricia Sue Furney, Columbus  
 James Adrian Gaskill, Columbus  
 Joan Gazonas, Trenton, N. J.  
 Douglas Charles Gentile, Columbus

\* Also Bachelor of Science in Education,  
 College of Education

Eric Gregg Gibbs, Jr., Columbus  
 Brenda Lou Gibson, Pataskala  
 Michael Alan Goodleman, Toledo  
 Lauren Gae Greenberg,  
 Shaker Heights  
 Edwin Leigh Griffin, Portsmouth  
 John Freeland Gump, Newcomerstown  
 Dennis Patrick Hackett, Cincinnati  
 Mary Suzanne Haley, Columbus  
 Deborah Lynn Haller, Columbus  
 John Harvey Hamilton, Worthington  
 Thomas Arthur Hanson, Alliance  
 Susan Elaine Hendrickson, Columbus  
 Juanita May Henschen,  
 Jackson Center  
 Michael Joseph Hessell, Columbus  
 Sherry Ann Hixson,  
 Newport Richey, Fla.  
 Scott Charles Hover, Parma  
 Jack Jacobs, University Heights  
 William Douglas Kalfs, Waverly  
 Gary Wayne Kay, Berea  
 Henry William Kishman, Vermilion  
 Norman Dean Kohl, Jr.,  
 Charlotte, N. C.  
 Mark Wallace Lappen, Columbus  
 William Joseph Lavin,  
 Middletown, R. I.  
 Barry David Levy, Cincinnati  
 Suzanne Lindsey, Dennison  
 Shelby Leigh Link, Grove City  
 Andrew Donald Logan, Kinsman  
 Bruce Constantine Lowrie, Columbus  
 Terry James Lukuch, Columbus  
 Robert Makay, Columbus  
 Wayne Robert Malaney, Cincinnati  
 John Wallace Manning, Jr., Lakewood  
 Joyce Ann Maurer, Columbus  
 Mary Alsip McCall, Tiffin  
 Noel Valentine McCaman, Barberton  
 Richard Rex McDermitt, Gahanna  
 Janet Margolis McKillip, Lorain  
 Cynthia Ann McPhail, Cincinnati  
 Michael Kay Melton, Alexandria, Va.  
 Rod Preston Michel, Bellefontaine  
 Mark Orlo Miller, Delphos  
 Karen Sue Mounts, Columbus  
 Linda Pearl Nauman, Delaware  
 Stephen Edward Newhouse, Columbus  
 Edward Lee Nieberding, Dayton  
 Carol Michaels Nunnally, Columbus  
 Eric Leo Nurmi, Euclid  
 Nancy Ellen Ours,  
 South Charleston, W. Va.  
 Deborah Charles Paine,  
 Washington, D. C.  
 Fred Anthony Pappas, Columbus  
 Cynthia Jeanne Patterson,  
 Kirtland Hills  
 Tracey Lee Percival, Kettering

Ronald Frederick Pollack,  
 South Euclid  
 William James Powers, Columbus  
 Janine Elouise Rapp, Columbus  
 James Richard Reelhorn, Pataskala  
 Robert Dale Reid, Youngstown  
 Dallas Curtis Ridge, Girard  
 Shelley Ann Robinson, Beachwood  
 Irl David Rubin, Cleveland  
 James Thomas Ryan, Auburn, N. Y.  
 Albert Richard Sciarappa, Cincinnati  
 William David Seader, Merrick, N. Y.  
 John Theodore Shear, Bay Village  
 Mark Joseph Sholtis, Boardman  
 Anne Deborah Simon,  
 Little Neck, N. Y.  
 Frank Soellner, Wauseon  
 Patrick Rae Story, Pomeroy  
 Robert William Sullivan, Youngstown  
 Dale Joseph Sungy, Columbus  
 Pamela Melissa Tefft, Columbus  
 James Allen Thigpen, Columbus  
 Kent Angel Triffon, Kettering  
 Deanna Louise Troknya, Toledo  
 Randall Lee Turner, Hamilton  
 Beth Lee Ulrich, Medina  
 Mary Nash VanMeter, Granville  
 Patrick Timothy Vaughan, Columbus  
 Damian Joseph Vercillo, Ashland  
 Carole Ann Wagan, Akron  
 William Oden Watson, Columbus  
 Gloria Jane Webster, Medina  
 Curt Frederick Weimer, Loudonville  
 Susan Rita Wexner, Columbus  
 Reymon David White, Gallipolis  
 Beverly Geraldine Wilhelm,  
 Pittsburgh, Pa.  
 Frank Dixon Williams, Perrysburg  
 David Hilton Wilson, III, Perrysburg  
 Stephen Alan Wynn, Mansfield  
 Peggy Kerschensteiner Yerke,  
 New Albany  
 James Michael Young, Middletown  
 Ronald Henry Zdrojewski, Brook Park  
 Jeffrey Alan Ziegler, Toledo

#### **Bachelor of Science**

Twenty-five candidates

Jeannine Niswander Ashton,  
 Columbus  
 Alan David Bernstein,  
 Shaker Heights  
 Jennifer Cox Brook,  
 Havre-de-Grace, Md.  
 Keith Edward Byers, Akron  
 Donald Leroy Geisman, Jr., Van Wert  
 Ronald Alan Greenfield,  
 McKeesport, Pa.

Richard David Griffin, Canfield  
 Stephen William Jerwers, Lima  
 John Robert Johnston, Cleveland  
 Robert Wilbur Jones, Columbus  
 Robert Joseph Kolacki, Toledo  
 John William Kuhn, Parma Heights  
 Peter Stanley Lawton, Snyder, N. Y.  
 Rodney Keane Lowe, Dayton  
 Patrick George Maughan, Columbus  
 Kathleen Linda McGlone, Steubenville  
 Kenneth Alan Nightingale, Windsor  
 Janice Zupan Nordstrom, Ashland  
 Priscilla Ayn Ridall, Columbus  
 Suzanne Irene Sklar, Shreveport, La.  
 Todd Bunker Smith, Edina, Minn.  
 David Joseph Sommer, Magnolia  
 Sandra Kay Weaver, Shelby  
 Michael Thomas Wieber, Newark  
 Robert Alan Young, Worthington

#### **School of Journalism**

##### **Bachelor of Arts in Journalism**

Nineteen candidates

Ronna Frances Averbach, Erie, Pa.  
 Janet Baldwin, Philadelphia, Pa.  
 Robert James Bossart, Columbus  
 John Walker Bridenbaugh, Defiance  
 Dennis Michael Collins, Newark  
 Carol Lane Czap, Columbus  
 James Robert Fette,  
 San Antonio, Tex.  
 Christine Padovani Graves, Columbus  
 Roger Lott Hughes, Jr., Clearfield, Pa.  
 Seth Edward Jones, Columbus  
 Alison Donna Kaplan,  
 Middleburg Heights  
 Karen Louise Lamoreux, Lakewood  
 Thomas Frederick Lindeman,  
 Perrysburg  
 Jonathan Post Magro, Montgomery  
 Charles Brindley Rogers, Columbus  
 Stephen Andrew Snapp, Columbus  
 John Robert Stewart, Columbus  
 Danny Charles Stiltner, Columbus  
 Barbara Marianne Tapocsi,  
 Maple Heights

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

One hundred and sixty-seven candidates

Robert Joseph Andrews, Jr., Bellevue  
Daniel John Archer, Masury  
Michael John Arena, Jr., Columbus  
Wayne Francis Asmus, Massillon  
James Wade Atkins, Marion, N. C.  
Terry Earl Baltes, New Weston  
Roy MacBride Barber, Jr., Columbus  
Howard Kent Berliner, Columbus  
Blair Myron Bickel, Massillon  
Philip Earl Biedeman, Canfield  
Randall Keck Bigum, Springfield, Va.  
Nathaniel Preston Bialock, Columbus  
William Edward Bottger, Newbury  
Gregory Victor Brook,  
    Rochester, N. Y.  
Conrad John Bubis, Jr., Columbus  
Robert Lewis Bukovec, Cleveland  
John Edward Burr, Newton Falls  
Herbert Henry Burton, Columbus  
William Allen Cady, Blacklick  
Robert McKenzie Carlisle,  
    Pittsburgh, Pa.  
Edward Carl Carpenter, Jr., Newark  
Daniel Casparro, Worthington  
Gail William Catt, Clinton  
Ronald Leslie Chilton, Decatur, Tex.  
John Frederick Chynoweth, Newark  
Gary Michael Ciprian, Euclid  
Larry James Cooke, New London  
Berthold Paine Cummins, II,  
    Columbus  
    A.B. (Ohio University)  
Spencer Wilson Cunningham, Jr.,  
    Portsmouth  
Lawrence Blair Cutlip, Columbus  
Charles Conant Daker, Jr.,  
    Uhrichsville  
Carlton Spencer Dargusch, III,  
    Columbus  
Thomas Frank Dascenzo, Columbus  
Alfred Ray Davis, Mt. Vernon  
John Herbert Davis, Westerville  
John Bruce DeMouy, Kensington, Md.  
Vincent Russell DeSalvo, Cincinnati  
Anthony Eugene DiBlasi, Westerville  
Edward Trent Dill, Mansfield  
John Thomas Dill, Jamestown  
David Lee Dipple, Bellefontaine  
Michael Gene DuBois, Cridersville  
Eric Curtis Edington, Troy  
Daniel Earl Ehlerding, Port William  
Jeffrey Paul Eisenman, Columbus  
John Thomas Esterheld,  
    Rochester, N. Y.

Robert Raymond Fenstermaker, Jr.,  
    Columbus  
Geza Louis Ferencz,  
    University Heights  
Michael Paul Fisher, Tiffin  
James Norman Fledderjohn,  
    Columbus  
Paul Joseph Ford, Jr., Columbus  
James Tucker Foreman, Columbus  
James Kenneth Fortman, Ottawa  
David Burt Foster, Westlake  
Charles Jefferson Fritts, Cincinnati  
Robin Lee Fry, Springfield  
Larry James Gifford, Newark  
David Jerome Golby, Euclid  
Dennis Lynn Golko, Lyndhurst  
Mark Alan Greene, Fairborn  
Edward Elmar Groth, Galion  
Joseph Patrick Harrison, Columbus  
Joseph Henry Harvey, Ironton  
William George Harvey, Fort Loraming  
Charles Allan Hawes, Maumee  
John Joseph Hegler, Euclid  
William Boyd Heinrich, Chardon  
Steven Lee Hicks, Dayton  
Bruce Lynn Hill, Columbus  
Danny Benjamin Hilton, Columbus  
Craig R. Hoffheimer, Cincinnati  
Robert Louis Holt, Ironton  
Joe Horowski, Jr., Cleveland  
Leslie Michael Howard, Worthington  
Michael Anthony Hoye, Columbus  
Daniel Raymond Hurley, Heath  
Gary Michael Idzkowski, Toledo  
Maris Jende, Kingston  
Gregory Bradford Johnson, Columbus  
Richard Lynn Jones, Pioneer  
Frederick Anthony Karam,  
    Utica, N. Y.  
Sheryl Lynn Katz, Youngstown  
David Michael Kimball, Columbus  
Ronald Thomas Kimbley, Decatur, Ga.  
Stephen Michael King, Columbus  
Ronald Irving Klang,  
    Montgomery, Ala.  
Robert Otis Knowles, Toledo  
Irene Marie Lakatos, Uniontown  
Robert Francis Lepley, Bellevue  
Kenneth Jay Light, Shaker Heights  
Jeffrey Jamieson Lloyd, Cleveland  
Steven Craig Mabry,  
    Canoga Park, Calif.  
Robert Lee Mackey, Shelby  
Douglas Lowell Mader,  
    Pittsburgh, Pa.  
Wade Ely Malm, Jr., Willowick  
Ronald Clovis Mann, Marion  
Robert Matthews, Columbus  
William Charles McBride, Mansfield

Karen Sue McCann, Columbus  
Dennis Lee McCloskey, Columbus  
Duaine Brent McNelly, Columbus  
Larry Allen Meade, Piketon  
Richard Carl Meara, Columbus  
John Thomas Meeks, Columbus  
Edward Wayne Melton, Norton  
Gary Vernon Meszaros, Columbus  
Richard Jennings Miller, Gallipolis  
Victor Charles Miller, Cleveland  
John Eugene Mollencopf, Crestline  
Dennis Paul Mooney, Lima  
John Clifford Moorehead, Cincinnati  
James Patrick Moriarty, Columbus  
Joel Michael Murphy, Clinton, Ia.  
Alfred Eugene Navarro, Youngstown  
William Earl Noggle, South Lebanon  
Kevin Reid Norcross, Berea  
Robert Woodrow North, Columbus  
Richard Kent Nutter, Lancaster  
Frank B. O'Brien, Columbus  
Chris Dunlap O'Donnell, Lima  
David Uri Paul, Zanesville  
James Peter Penman, Cleveland  
Charles Stuart Peselnick, Columbus  
Frederick Alan Peters, Kettering  
Jeffrey Paul Pickrell, Heath  
Richard Paul Pimsner, Westlake  
Thomas Walter Plank, Columbus  
James Robert Powell, Trotwood  
Cynthia Ritchie Powrie, Akron  
Wayne Alexander Purrett, Radnor  
Jack William Ranttila, Warren  
David Theodore Reynolds, Cincinnati  
Thomas Edward Reynolds, Xenia  
Bryce Elwood Richard, Columbus  
Paul Andrew Ritchey, Zanesville  
Gale Alan Ritchie, Columbus  
Donald Gerard Ritley, Shaker Heights  
King Solomon Ruffin, Cincinnati  
Glenn Christopher Sanders, Columbus  
Vickie Diane Sayre, Columbus  
Richard Arthur Schnelle, Spencerville  
Fred Robert Schram, Massillon  
Gary Eugene Schramm, Lima  
Donald Gregory Shaffer, Springfield  
Robert Milton Shane, Canton  
Michael Robert Shiflet, Columbus  
David Eugene Sims, Columbus  
Samuel Joseph Smith, Lima  
Terence Lee Staniszewski, Toledo  
Walter Joseph Staudenmaier,  
    Southampton, N. Y.  
Craig Williams Stout, Columbus  
Lester Strode, Jr., Canton  
James Oliver Swigart, Mansfield  
Ernest Gene Taylor, Columbus  
Randy Lee Thompson, Granville  
Richard Lynn Thompson, Erie, Pa.

William George Tilly, Lima  
Barry Ian Turner, University Heights  
Charles Frederick Ward, Columbus  
Scott Alan Warner, Dayton  
Barry Neil Wells, Akron  
Gregory Lynn West, Columbus  
Richard Wichouski, Gahanna  
Carroll Lee Wilt, Wilmington  
Daniel Martin Wisniewski, Parma  
Larry Richard Wright, Belle Center  
John Dow Wymer, Columbus

#### School of Social Work

##### **Bachelor of Science in Social Welfare**

Sixty-seven candidates

Karen Sue Banks, Cleveland  
Marjorie Alice Bartlett, Columbus  
Mary Judith Lennon Billet, Cincinnati  
Charles Wayne Brown, Columbus  
Paul Keith Bukowski,  
Rochester, N. Y.  
Marilyn Joy Byrne, Dayton  
Catherine Klem Crown, Albany, N. Y.  
Carol Ann Dana, Newton, Mass.  
Vince Jaye Davis, Leary, Ga.  
Deborah Harnish Dunipace, Dayton  
Deane Kathleen Edgington, Dayton  
Sharon Lee Epstein, Beachwood  
Shelia Washington Fairley, Columbus  
Elaine Feigenbaum,  
Cleveland Heights  
Jack Ira Fox, Cleveland  
Francesca Gangidino, Lyndhurst  
Barbara Goldman, Shaker Heights  
Julie Anna Haanen, Marion  
Jeffrey A. Herman, Warren  
Diane Suzette Highland, Marion  
Marilyn Holt, Danville  
Linda Ruth Humberger, Elmore  
Paul David Jess, Massillon  
Stephanie Ann Johnson, Warren  
Laura Ives Jones, Buffalo, N. Y.  
Rhonda Seward Kellar, Richville  
Genevieve Louise Klein, Cleveland  
Sandra Storch Knoll, Holgate  
Sharon Marie Lenhart, Barberton  
James St. Clair Lindholm, Kenton  
Marilyn Cele Litvene, Cleveland  
Gregory Micheal Markovich, Akron  
James Robert Marsh, Jr., Elyria  
Thomas Lee McDonough, Crestline  
Edward Joseph Merkle, Granville  
Susan Zeller Mobley, Rochester, N. Y.  
Richard Montgomery, Columbus

Judith Maxwell Morris, Columbus  
Patricia Ileen Neill, Bellevue  
Anne Dreifus Neubauer, Columbus  
Linnea Helene Neuman,  
North Royalton  
Sharman Marie Pabst, Columbus  
Carl John Pambianco, Bellevue  
Peggy Lou Parsons, Columbus  
Mary Gagen Pickton, Reynoldsburg  
Daniel Len Pilder, Cincinnati  
James Denton Roberts, Cincinnati  
Anne Rogers Robinson, Columbus  
Lois Jean Schecter, Columbus  
Robert Craig Schirner, Columbus  
Carolyn Ann Scott, Mansfield  
Gerald Sheldon Seslow,  
Mayfield Heights  
James Patrick Settlemyre, Lima  
David Douglas Sherman, Columbus  
Tina Lou Smeltzer, Columbus  
Imogene Burr Smith,  
Jacksonville, Fla.  
Pearl Elizabeth Sowell, Columbus  
Richard Dean Sprows, Wooster  
Catharine Michaux Stout, Marion  
Mary Kathryn Van Balen, Columbus  
Jon Patrick Wallace, Rossford  
Pamela Ann Walton, Willard  
Mary Starkey Wampler, Columbus  
Roberta Werner,  
North Bellmore, N. Y.  
Brenda Elizabeth Wertman,  
New Lexington  
James Curtis Williams, Columbus  
Amy Louise Woodruff, Ashtabula

## **College of Agriculture and Home Economics**

Dean: Roy M. Kottman

### **Bachelor of Science in Agriculture**

Eighty-nine candidates

Adam Thomas Abfall, Avon  
Beverly Ann Bain, Chillicothe  
Denise Rayment Ballinger,  
North Canton  
Ronald Edward Boehm,  
Fredericktown  
John Wayne Boyer,  
Ashland  
Al Cowan Brant, Lebanon  
Donald Justin Breece, Delaware  
Daryl Jay Bridenbaugh, Pandora  
Timothy Paul Broadwell, Felicity  
George William Buehner, Euclid  
Jon Edward Burgermeister, Columbus  
Bruce Meryl Buurma, Willard  
George Ben Cardoso, Grove City  
Thomas Roland Condit,  
Maplewood, N. J.  
Gary Loy Condry, Wooster  
Frederick Charles Cooke, Shelby  
William Ray Coppess, Union City  
Donn Lee Cover, Pickerington  
Joseph Patrick Croy, Sandusky  
Thomas Maurice Cushing, Massillon  
Douglas Leslie Davis, Loveland  
Marilyn Sue Deal, Columbus  
Karen Jean Dillon, Williamsfield  
Loela Jayne Edgar, Allison Park, Pa.  
Richard Harrison Elliott, Toronto  
John Charles Emch, Woodville  
Robert Louis Evans, Amsterdam  
Doak McKinley Ewing, Cambridge  
Robert Vernon Feldwisch,  
New Knoxville  
Ronald Scott Ferrell, Custar  
Ronald Lee Frey, Huron  
Roger Jay Grandey, Edgerton  
Dennis Lee Grubel, Sycamore  
Phillip Douglas Hackenbracht,  
Coshocton  
Glen Willard Harman, Canton  
A.A.S. (State University of New  
York, Agricultural and Technical  
Colleges at Alfred)  
Bill R. Haynes, New Weston  
Richard Dennis Heilman, Brunswick  
Stephen Dean Hibinger, Gnadenshutzen  
Douglas Richard Hill, Piqua  
Steven Russell Hiller, Ashland  
David Frost Hopkins, Berea  
Edward Randall Huff, Worthington  
Dale Russell Hupp, Wooster  
Paul Bryan Huston, Roseville  
Patrick Joseph Hutzel, Loveland  
Lonn Everett Jackson, Dayton

Richard Paul Janiga, Eden, N. Y.  
 A.A.S. (State University of New  
 York, Agricultural and Technical  
 Colleges at Alfred)  
 Kirk Douglas Kadel, Haskins  
 Robert Eugene Kidd, Columbus Grove  
 John David Lee, Akron  
 Norman David Leppert, Galena  
 B.S.  
 William Eugene Lindauer,  
 Waynesville  
 Louis George Lyras, Campbell  
 Jan Garner Miller, Elida  
 Ray Eugene Miller, Holmesville  
 Thomas A. Miller, Mansfield  
 Terry Dean Milligan, Caldwell  
 Thomas Stephen Mizik, Caldwell  
 Dave Patrick Moorhead, Cincinnati  
 Larry Charles Munn, Grafton  
 Laurence Richard Myers, II, Dalton  
 Timothy David Niemeyer,  
 Fort Jennings  
 Gary Lee Overmier, Napoleon  
 Troy Jesse Parks, Rinard Mills  
 Charles Howard Patterson, Wooster  
 Susan Diane Peters, Columbus  
 Gary Lee Pfeiffer, Oak Harbor  
 Robert William Pierce, Painesville  
 Michael Keith Plunkett, Timberlake  
 Peter John Poll, Galion  
 John Thomas Poorman, Somerset  
 Jeffrey John Povolny,  
 North Olmsted  
 David Michael Pullins, Quincy  
 Lawrence Bernard Riesenber,  
 Rossmoyne  
 Michael Rittinger, Circleville  
 Thomas Joe Samples, Belpre  
 Thomas Samuel Schlenker,  
 Wapakoneta  
 Jeffrey Earnest Schmitt, Delaware  
 Stephen Michael Seymour, Columbus  
 Wayne Allen Short, Archbold  
 Thomas Wayne Slemmer,  
 Upper Sandusky  
 Russel Lee Sword, Ashland  
 Charles Thomas Trinter, Vermilion  
 Jeffrey Van Wieren,  
 Franklin Lakes, N. J.  
 Jeffrey Charles Vore, Dayton  
 David Martin Wampler, Jr.,  
 LaSalle, Mich.  
 Terry Alan Wheeler, Vermilion  
 Aileen Luellen Yung, Columbus  
 Fred Lewis Zollinger, Millersport

**Bachelor of Science in Dairy Technology**

One candidate

James Scudday Crawford, Jr.,  
 Allentown, Pa.

**Bachelor of Science in Food Technology**

Two candidates

Ira Allen Hermann, Boardman  
 James Joseph Utendorf, Ottawa

**Bachelor of Science in  
 Natural Resources**

Eight candidates

Richard David Dicks, Jr., Heath  
 John Arthur Eshenfelder, Columbus  
 Marvin Ralph Graham, Ostrander  
 David Eugene Helgeson, Xenia  
 Constance Miles Kauffman, Covington  
 David Clyde Keathley, Worthington  
 Ronald Albert Rubright, Dover  
 Phillip James Vichosky, Lakewood

**School of Home Economics**

**Bachelor of Science in Home Economics**

Thirty candidates

Linda Catherine Barone, Columbus  
 Barbara Kay Barrick, Johnstown  
 Catherine Hilliard Beavers,  
 Goldston, N. C.  
 Dorothy Unseth Behling, Columbus  
 Lisa Susanne Boecker, Brecksville  
 Catherine Mary Boehm, Columbus  
 Sherryl White Bourgeois, Columbus  
 Gail Ann Buchy, Greenville  
 Andrea Jayne Churchill, Englewood  
 Linda Joyce Crandell, Sylvania  
 Margaret Hansen Cryder, Kingston  
 Carolyn Imhoff Duty, Green Camp  
 Wendy Rosson Grimaldi,  
 Roslyn, L.I., N. Y.  
 Sharlee Karen Hiller, Columbus  
 Loretta Mary Jackson, Cleveland  
 Hollis Kazdan, Shaker Heights  
 Sally Jean MacBlane, Columbus  
 Deborah Lynn Mathews, Mansfield  
 Sheila Schreck Milligan, Grove City  
 Barbara Hensel Moore, Fairborn  
 Judith Ann Moses, Lakewood

Caryl Sargent Peeples, Bradford  
 Teresa Ann Persichetti, Columbus  
 Ginger Elaine Pry, Shiloh  
 Dianna Kandel Reisel, Plain City  
 Susan Lee Ruescher, Westerville  
 Shirley Ann Settemire, Lima  
 Sandy Singer, Pittsburgh, Pa.  
 Susan Lee Stoll, South Euclid  
 Judith Lynne Welty, Columbus

**Bachelor of Science in  
 Restaurant Management**

One candidate

Robert Leo Berardi, Sandusky

\* Also Bachelor of Science in Education,  
 College of Education

## College of Dentistry

Dean: John R. Wilson

### Doctor of Dental Surgery

One candidate

Barbara McDonald Sawka,  
Strongsville

### Certificate of Graduate Dental Hygienist

One candidate

Melinda Jeannine Asher, Millersburg

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Three hundred and thirty-five candidates

Mary Bistline Abdalla, Newark  
B.A. (Otterbein College) ;  
M.A. (Ohio University)  
Barbara Lynn Abel, South Euclid  
Sharon Elizabeth Acree, Columbus  
Frances Jean Acunis, Columbus  
Susan Mary Adamescu, Mansfield  
Joseph Richard Adams, Columbus  
Carlene Jeanette Alexander,  
Columbus  
Catherine Magdelene Alexander,  
Columbus  
Joyce Eldine Allen, Lima  
Martha Graves Althausen,  
Worthington  
Timothy Matthew Amann, Columbus  
Debra Beth Americus, Pittsburgh, Pa.  
Lois Jean Andrea, Mansfield  
Thomas Herbert Anthony, Columbus  
Edward John Arent, Columbus  
B.S.Bus.Adm.  
Jacob Julian Ashburn, Sandusky  
Gail Ann Asher, Bay Village  
Joseph Daniel Azok, Lorain  
Linda Skillman Bader, Columbus  
Joseph Ralph Baker, Lexington  
Vicki Roe Baker, Newark  
Judith Ellen Bamer, Parma  
James Hughes Barbeau, Jr.,  
Columbus  
Vicki Ann Barnhouse, Columbus  
B.A., Cert.Grad.Dent.Hyg.  
Katherine Diane Bassitt, Lima  
James Russell Bauer, Lockland  
Susan Pampuch Baughman, Columbus  
Janice Lee Bauman, Perrysburg  
Martha Post Baxter, Fremont  
Cert.Grad.Dent.Hyg.  
John Terry Beals, Akron  
Lenora Ann Beasley,  
Philadelphia, Pa.  
Daniel Earl Beatson, Hamilton  
Donna Sue Becker, Dayton  
Constance Elizabeth Biggins, Bellaire  
Christine Zehner Billings,  
Pickerington  
Deborah Kay Booth, Utica  
Sandra Caruso Borland, Morral  
Margaret Sanford Brelsford,  
Cincinnati  
Douglas Clinton Brooks, Columbus  
Marsha Ann Brooks, Cleveland  
Michael David Brown, Springfield  
Cynthia Reid Burgess, Perrysburg  
Eunice Lovonne Burk, Columbus  
Cheryl Ann Burke, Columbus

Robbia Hollis Burstyn,  
Old Bridge, N. J.  
Rae Dubach Bush, Ashtabula  
Cert.Grad.Dent.Hyg.  
Susan Irene Buxton, Warsaw  
Marilyn Lee Cahn, Cincinnati  
Mary Lou Everett Caley, Columbus  
John Buel Cannon, Dayton  
Eufemio Martin Casanova, Columbus  
Bess Deborah Casper,  
Englewood, N. J.  
Cora Benson Clinard, Marion  
William Harmon Clinger, Delphos  
Lynne Grether Coleman, Brook Park  
John Kenneth Colgrove,  
Painesville, B.A., J.D.  
Cynthia Ann Collier,  
Shaker Heights  
Constance Lucille Condon,  
Fairview Park  
Linda S. Condron, Dayton  
Rebecca Ellen Conkle, Lima  
James Gilbert Conley, Ithaca, N. Y.  
Gloria Gentry Cook, Columbus  
Barbara Lynn Corderman, Lima  
Suzanne Marie Coyle, Sandusky  
Nancy Bobbitt Craig, Lima  
Marilyn Jean Crone, Miamisburg  
Carolyn Ruth Dalsey, Westmont, N. J.  
Collette Davidson, Youngstown  
Nial Evans Davis, Columbus  
Diana Louise Dean, Macedonia  
Myrtle Cramer Dell, Lima  
Jean Ann Dilgard, Wooster  
Sharon Evans Dodson, Columbus  
Mary Lynne Douthitt, Columbus  
Mona Kathryn Dove, Columbus  
John Lee Dryden, Columbus  
Jennifer June Dunn, South Vienna  
Cert.Grad.Dent.Hyg.  
Barbara Collar Duval, Lima  
Lester Lee Eckert, Jr., Mansfield  
Aida Vassaux Ehret, Dublin  
B.F.A.  
Doris Jean Eilerman, Botkins  
Karen Frey Evans, Lima  
Wesley Richard Fahrbach, II,  
Fremont  
Susan Van Campen Fair, Columbus  
Sally Ann Farrar, Middletown  
Carol Dean Feaver, Marion  
Janet Lynne Fischer, Dover  
Evelyn Verne Fishback, Columbus  
Shandolia Marie Flagel, Dayton  
Cert.Grad.Dent.Hyg.  
Marjorie Belt Floro, Mansfield  
Linda Settlege Forrest, Columbus  
Robert Edgar Fowler, Jr., Columbus

Llewyn Deolia Fowlkes, Columbus  
Diane Marie Friemoth, Ottoville  
Marianne Breckner Gall, Columbus  
Thomas Franklin Gallagher,  
Columbus  
B.A. (DePauw University)  
Mary Christine Garriott, Mansfield  
Lawrence Smith Gay, Columbus  
Lenora Pohl Geckle, Kalida  
Ronald Lynn Geitgey, Dalton  
Mark Paul Gelender,  
Cleveland Heights  
James Howard Randall Goddard,  
Columbus  
Freda Baran Godkin,  
East Meadow, N. Y.  
Sandra Lynn Goetz, Beachwood  
Amy Sue Goldberg, Bellmore, N. Y.  
Mary Irwin Goodman, Columbus  
Nancy Lois Gordon, Plainfield, N. J.  
Cheryl Ling Gray, Loudonville  
Caryn Jo Greenberg, Merrick, N. Y.  
Larry Ray Griggs, Swanton  
Barbara Ann Grimsley, Zanesville  
Rick Ray Grubaugh, Van Wert  
Elaine Vanderhorst Guillozet, Minster  
Sharron Kay Halliday,  
Washington C.H.  
Robert William Hamm, Bucyrus  
Dianne Davis Hampp, Wapakoneta  
Sheila Jean Hanger, Columbus  
Sally Shannon Hanley, Columbus  
Marlene Drummond Harbert,  
Worthington  
Beth McCabe Harding, Franklin  
Edna Jean Harper, Columbus  
Joseph Edward Havranek, Columbus  
Sandra Sue Hawkins, Columbus  
Diane Miller Hedrick, Lima  
William Clabron Hendricks,  
South Euclid  
Robert Stanley Hendrix, Columbus  
Gregory Lee Hergesell, Columbus  
Patricia Boehm Hergesell, Columbus  
Lora Gibson Heskett, Newark  
Patricia Hicks, Shelby  
Edward James Patrick Hoffman,  
Columbus  
Karen Purdy Hoffmann, Columbus  
Cert.Grad.Dent.Hyg.  
Karyl Lynn Reichenbach Holt, Lima  
Richard Lawrence Hone, Venedocia  
Victoria Sparling Hoover,  
Worthington  
Roberta Horowitz,  
East Windsor, N. J.  
Andrea Cropper Hovanek,  
Whealersburg

James Lee Huber, Columbus  
Diana Zimmerman Hurlow, Galion  
Janet Marie Jenny, Grove City  
Barbara Susan Jobe, Detroit, Mich.  
Charles Edward Justus, Grove City  
Allen George Kadlec, Columbus  
Robert Abel Kaiser, Milan  
Steven Thomas Kanable, Bucyrus  
Barbara Hatfield Kaplan, Columbus  
Victoria Louise Kasler, Columbus  
Dennis Wade Kauffman, Beach City  
Gary Lee Kaufman,  
Broadview Heights  
Kathleen Loretta Kaye, Brecksville  
Cert.Grad.Dent.Hyg.  
Judy Lynn Keefer, Columbus  
Donna Fasig Keener, West Salem  
John Edward Keir, Columbus  
Kathleen Miriam Kennedy,  
Columbus  
Deborah Eppley Kent, Columbus  
Collin Marvin Kinsey, East Liverpool  
Gary Kiracofe, Gratis  
Caryl Lynne Klein, Cincinnati  
Ronald James Knape, Lima  
Ann Loraine Kobilaresik, Wooster  
Cert.Grad.Dent.Hyg.  
Louis James Komives, Columbus  
Matthew Alex Kowalski, Parma  
Suzanne Marie Kozen, Youngstown  
Janet Marie Krawetz, Cleveland  
Stephen Charles Kraynak, Cleveland  
Marcia Kay Krill, Edgerton  
James Randal Krischak, Hilliard  
Dianne Lynn Krug, Wyomissing, Pa.  
Nancy Colflesh Lafferty, Delaware  
Violet Salzgaber Lamb, Columbus  
Bradley Jay Lathwell, Lorain  
Samuel Lauer, Youngstown  
Christine Rubart Law, Columbus  
Donna Converse Lawrence, Marion  
Shelley Sue Lebovitz, Wooster  
Carla Anne Marie Ledbetter,  
Columbus  
Lonnie Lee Lehman, Lima  
Roni Michele Lesser,  
Douglaston, N. Y.  
Kathryn Vinton Levan, Bellefontaine  
Nancy Jane Levine,  
Fort Lauderdale, Fla.  
Jean Siegel Levinstone, Columbus  
Hindi Lee Lichtenstein, Columbus  
Brenda Annette Littleton, Marion  
Christine Anne Lowe, Columbus  
John Edmund Lucas, Columbus  
Tui Yone Ma, Columbus  
William Edgar Mabe, Columbus  
Lewis Daniel Markin, III, Columbus  
Linda Sue Martin, Mansfield

Karol Lynn Martz, Hudson  
Joanne Mase, Columbus  
Martha Ann Matthews, Pitscairn, Pa.  
Marilyn Carol Mauck, Worthington  
Charlotte Anne Maxsom,  
Lewiston, N. Y.  
Kathleen Ann McAdams, Delaware  
Kathy Jean McCarren, Columbus  
Bonnie Lou McDonald, Louisville  
Kathleen Eippert McGuire, Marion  
Luanna McIntosh, Cheshire  
Patricia Ann McKnight, Marion  
William Harlan McLaughlin, Bucyrus  
Patricia Elaine Melton, Columbus  
Bennie Randall Merritt, Alger  
Cheryl Lyn Miller, Marion  
Dennis Vincent Miller, Delphos  
Janet Pearl Miller, Cleveland  
Robert Henry Miller, Cleveland  
Kathy Braden Mirra, Heath  
Judith Kinds Morgan, Columbus  
Donna Jean Morrison, Copley  
Cynthia Sue Morrow, Mansfield  
Lenita Geiger Mullin, Columbus  
Cert.Grad.Dent.Hyg.  
Pamela Ann Murphy, Springfield  
Cert.Grad.Dent.Hyg.  
Larry Lee Nelson, Columbus  
Nancy Catherine Nickel, Warren  
Grace Gaeta Nunn, Columbus  
Patricia Ann Nyeste, Columbus  
Sharon O'Connor, Columbus  
Deborah Jane O'Dell, Portsmouth  
Janet Hribar Ongert, Parma Heights  
Jean Morrison Oram, Columbus  
Laurel Berk Ordin, Shaker Heights  
Gary Lee Parker, Nevada  
Douglas William Pauley, Gahanna  
Thomas Steven Peet, Galena  
Michael Dean Penn, Mt. Gilead  
Karen Ann Phillips, Columbus  
Nancy Eckber Pilder, Columbus  
Lawrence Jay Poleyeff,  
Cleveland Heights  
Sarah Evangeline Potter, Columbus  
Steven Ralph Pottmeyer, Lowell  
Kathleen Hanes Prescott, Columbus  
Steven Lawrence Pruitt, Columbus  
John Michael Pucillo, Parma  
Patricia Ann Purcell, Leesburg  
Marilyn Ann Radel, Cardington  
Carolyn Cannon Randall, Logan, Utah  
Cert.Grad.Dent.Hyg.  
Terry Juanita Rayford, Cleveland  
Deborah Morrow Ream, Columbus  
Norman Kenneth Ream, Medina  
David Lee Reed, Alexandria

<sup>1</sup> Also Bachelor of Arts,  
Colleges of the Arts and Sciences

Suzanne Rice, Kent  
 Jay Franklin Rich, Akron  
 Karen Jill Richards, Syosset, N. Y.  
 Jean Anne Robey, Upper Sandusky  
 Jacqueline Alexander Rogers,  
 Owenton, Ky.  
 Russell Allen Rogers, Columbus  
 Reginald Allen Rose, Ottawa  
 Mary Myers Runk, Lima  
 Pamela Hall Sahr, Columbus  
 Lynn Lunz Salem, Columbus  
 James Rocco Salimbene, Columbus  
 Constance Elaine Sandrock, Maumee  
 Robert Louis Santilla, Columbus  
 Lynn Allison Scarberry, Columbus  
 Marilyn Weygandt Schaible,  
 Columbus  
 Cathy Jo Scheiderer, Springfield  
 Lucinda Brown Schleicher, Columbus  
 Steve Rory Schnitker, Cincinnati  
 Barbara Linda Schordock,  
 Parma Heights  
 Barbara Jane Schroeck, Marion  
 Mark Fred Schubel, Sandusky  
 Dianne Sabina Schwager,  
 Pittsburgh, Pa.  
 Karen Susanna Scislowski, Columbus  
 Genevieve Everly Seckel, Marion  
 Susan Virginia Selby, Warren  
 Jill Clark Shaw, Columbus  
 Lynne H. Shepsman, Plainview, N. Y.  
 Laurel Porro Shering,  
 Ridgewood, N. J.  
 Diane Lynne Shorr, Canton  
 Jeanne Ryan Sines, Columbus  
 Cert. Grad. Dent. Hyg.  
 Elaine Kay Sissea, North Canton  
 Cert. Grad. Dent. Hyg.  
 Peter Daniel Skirbunt, Cleveland  
 Larry Leavanous Smith, Columbus  
 Robert Michael Smith, Columbus  
 Kay Jean Snyder, Bellville  
 Judith Rosen Sokol, Shaker Heights  
 Pamela Evangeline Spencer, Columbus  
 Jerry Erwin Squires, Cleveland  
 William Harvey Staebler, Mentor  
 Jane Linkous Stamper, Centerburg  
 Fabienne Frey Stout, Columbus  
 Cert. Grad. Dent. Hyg.  
 James B. Stratton, Hillsboro  
 Jacqueline Kay Strine, Cardington  
 Susan Doute Stroh, Wapakoneta  
 Rosanna Yosick Stump, Tiro  
 Lorraine DeForest Swindler, Trenton  
 Scott Edward Swisher, Columbus  
 Olga Nadia Szuja, Lorain  
 Cynthia Gee Szwast, Portsmouth  
 Sandra Keyerleber Tarbutton, Mentor  
 Cert. Grad. Dent. Hyg.

Judith Hamilton Taylor, Newark  
 Rebecca Joyce Thompson, Ostrander  
 Judith Gilkerson Tiedt, Columbus  
 Teresa Anne Toles, Columbus  
 Dean Francis Tower, Columbus  
 Mary Ruth Townsend, Columbus  
 Renee Trepanier, Middleburg Heights  
 Cert. Grad. Dent. Hyg.  
 Lanna Zoog Trimmer, Columbus  
 Sara Stonebrook Tucker, Mansfield  
 Judith Elaine Tunis, Zanesville  
 Linda Wojcuih Twedt, Columbus  
 Cheryl Robinson Tyler, Toledo  
 Tamera Ann Utterback, Paulding  
 Cheryl Lynn Vanderbank,  
 Grosse Pointe, Mich.  
 Kathleen Marie Vaughan, Columbus  
 John David Vecchio,  
 Pleasantville, N. Y.  
 Gloria Jean Vermillion, Centerburg  
 Martha Ann Vossers, Galion  
 Gerald Patrick Wallace, Wellsville  
 Jeanette Peck Walls, Lexington  
 Margo Lenore Walsh, Coshocton  
 Charles Herbert Waterman, Dayton  
 Eric Dale Watkins, Hilliard  
 Nial Russell Watrus, Columbus  
 Judith Lynn Waxman,  
 Wilmington, Del.  
 Karen Dee Wechsler, New York, N. Y.  
 Audrey Beatrice Weeks, Columbus  
 Kathleen Sue Werbel, Marion  
 Deborah Ann White, Oil City, Pa.  
 Robert Joe Whiteside, Columbus  
 Katherine Richmond Wiley, Dover  
 Alice Handy Williams, Mansfield  
 Mayme LaVerne Williams, Cincinnati  
 Sandra Lee Wilson, Columbus  
 Barbara Jane Wirsch, Mansfield  
 Howard Francis Wise,  
 New Philadelphia  
 Stephen Richard Witham, Columbus  
 Linda Lorraine Withrow, Waverly  
 Caroline Stephanie Yanik, Lorain  
 Robert Wesley Yant, Columbus  
 Sue Hoffmann Yerke, Columbus  
 Deborah Deam Yore, Columbus  
 Aileen Luellen Yung, Columbus  
 Kathleen Ann Zielinski, Cleveland

**Bachelor of Art Education**  
**Offered jointly by the**  
**College of The Arts and the**  
**College of Education**

Thirteen candidates

Deborah Jean Bennett, Dayton  
 Beth Ellen Bernstein,  
 New York, N. Y.  
 Cathie Ann Crawford, Bayside, N. Y.  
 B.F.A.  
 Carol Irene Edsinger, Bucyrus  
 Barbara Rinehart Gilmore, Columbus  
 Darlene Marie Giunta, Sandusky  
 Erika Josefa Kaiser, Worthington  
 Madeline Gail Lowitz, Columbus  
 Maureen Ann Mackay,  
 Middleburg Heights  
 Dorothy Webb Shaffer, Westerville  
 Timothy Aubert Wilbers, Wyoming  
 Kim Allyne Williams, Parma Heights  
 Kathryn Jo Yarrington, Blacklick

**Bachelor of Music Education**  
**Offered jointly by the**  
**College of The Arts and the**  
**College of Education**

Seventeen candidates

Frank Reginald Burge, Grove City  
 Philip Carl Chevallard, Columbus  
 John Philip Cooper, Columbus  
 John Coleman Fryar, Jr., Bellevue  
 Karen Jean Kartsimas, Columbus  
 Stanley Ruel Lepley, Marion  
 Betty Clifton Lucas, Columbus  
 Mark Eric Lunsford, Vandalia  
 Paul Thomas Magree,  
 Malvern, Australia  
 Kathryn Richards Moser, Heath  
 Debra Lynn Rosenthal,  
 Shaker Heights  
 Jacqueline Gordon Ruhl,  
 Fredericktown  
 John Franklin Schmall, Granville  
 Janice Yake Tongring, Toledo  
 B.Mus.  
 Joseph Frank Vinciguerra,  
 Brecksville  
 Katherine Hunt Warren, Parma  
 Margaret Susan Warrick, Fairborn

<sup>1</sup> Also Bachelor of Arts,

Colleges of the Arts and Sciences

<sup>2</sup> Also Bachelor of Science in Agriculture,

College of Agriculture and Home Economics

<sup>3</sup> Also Bachelor of Fine Arts,

Colleges of the Arts and Sciences

<sup>4</sup> Also Bachelor of Music,

Colleges of the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Science in Aeronautical and Astronautical Engineering

Five candidates

Randall Alexander Diener,  
Greybull, Wyo.  
Stephen Michael Hotaling,  
Parma Heights  
Douglas James Johnson,  
North Olmsted  
Michael Jay Miller, Cleveland Heights  
James Joseph Pinter, Seven Hills

### Bachelor of Science in Ceramic Engineering

Three candidates

Jan Wiley Koczera, Columbus  
Curtis Paul Norris, Bolivar  
Reed Douglas Slevin, Pittsburgh, Pa.

### Bachelor of Chemical Engineering

One candidate

John Paul Sponseller, Columbus

### Bachelor of Science in Chemical Engineering

Seven candidates

David Harry Armstrong,  
Altamont, N. Y.  
Eddie Sui Ki Kwan,  
New Haven, Conn.  
Gregory William Marsh, Marysville  
Thomas Edward Rochford, Akron  
Dean Constantine Stambolis,  
St. Clairsville  
Mark Daniel Westbrook, Grove City  
William David Zeek, Martins Ferry

### Bachelor of Civil Engineering

Two candidates

\*Steven Karl Leavitt, Troy  
\*William H. Lewis, III,  
Newburgh, N. Y.

### Bachelor of Science in Civil Engineering

Twenty-one candidates

Wallace George Brocklehurst,  
Kingsville  
John Dimitri DePol, New York, N. Y.  
Thomas Lee Frazier, Warren  
John Robert Grosse, Columbus  
Thomas Willson Henneberry,  
Bay Village  
Thomas Max Hodson, New Vienna  
James E. Arden King, Greenville

Robert William Lawson, Geneva  
Robert Joseph Mergel, Mansfield  
Bruce Allen Miller, Massillon  
William Douglas Reese,  
Indianapolis, Ind.  
David Bernard Ritz, Cleveland  
Arnold Ira Rosenberg, Pittsburgh, Pa.  
Michael Richard Scholz, Vandalia  
Eric Bosworth Shannon, Columbus  
Edward Gerard Smariga,  
Union Bridge, Md.  
Keith Wessel Statler, Chagrin Falls  
Modris Alex Tidemanis, Toledo  
James Louis Vernocchi,  
New York, N. Y.  
Thomas Henry Wehri, Columbus  
Stephen Emil Yannucci, Columbus

### Bachelor of Science in Computer and Information Science

Five candidates

Jerry Lee Fowls, Columbus  
William Paul Herold, Columbus  
Gary Joseph Kopas, Port William  
Steven Clyde Lawrence, Columbus  
Joann Louise Schellhaas, Galloway

### Bachelor of Electrical Engineering

Two candidates

Bruce Robert Forschner,  
Parma Heights  
Tomintat Marx, Mexico, D. F., Mexico

### Bachelor of Science in Electrical Engineering

Nineteen candidates

James Lowell Blackstone,  
New Concord  
Latham Basil Campbell,  
Kingston, Jamaica  
James Michael Cimprich, Trenton  
David Joseph Geyman, Columbus  
Robert Murray Grove, Columbus  
Howard Earl Hale Jenkins,  
Columbus  
Robert Louis Johnson, Columbus  
Richard Keith Mains, Canton  
Michael Roy Meloeny, Columbus  
Rodger Michael Miller, North Olmsted  
Alan Kieth Mottayaw, Mansfield

John Clifford Ostgaard,  
Milford Center  
Bruce Phillip Simon, North Royalton  
Thomas Earl Spencer, Clyde  
Dean Bradley Stamp, Columbiana  
Roland Paul Stanton, Columbus  
Theodore Quentin Walter, Bellville  
Brent Robert Wientjes, Westerville  
David Yonovitz, Lorain

### Bachelor of Science in Engineering Physics

One candidate

Michael Stephen Daniel, II, Columbus

### Bachelor of Industrial Engineering

Two candidates

John Leslie Elson, II, Versailles  
David Eugene Horstman,  
Worthington

### Bachelor of Science in Industrial Engineering

Eleven candidates

Randy Linn Bevan, Bucyrus  
David Martin Ellis, Stow  
Dana Charles Friend,  
Hampton Bays, N. Y.  
Thomas James Habart, Cleveland  
Jerome Thomas Hanley, Worthington  
John Michael Hatem, Columbus  
James Joseph Mendel, Columbus  
Eugene Edwin Ramm, Akron  
Jerry Michael Russell, Columbus  
Jerry Lee Thomas, Columbus  
John Edward Thomas, Newark

### Bachelor of Mechanical Engineering

Two candidates

\*Dennis James Schumaker,  
Port Clinton  
Mitchell Lee Yeary,  
South Charleston

\* Also Master of Science, Graduate School

## College of Law

Dean: James C. Kirby, Jr.

### Bachelor of Science in Mechanical Engineering

Ten candidates

Stephen Bradley Ackerman,  
Barnesville  
Charles Howard Bohling,  
New Hartford, N. Y.  
Jeffrey Carl Bookwalter, Englewood  
Ernest Dezso Botos, Cleveland  
Lewis George Frasch, Columbus  
Michael Edwin Graves, Columbus  
James Thomas Houser, Massillon  
Charles Stevens Parker, Warren  
Peter Carl Vorum, Madison, N. J.  
Jeffrey Scott Wilburn,  
Huntington, W. Va.

### Bachelor of Science in Metallurgical Engineering

One candidate

Gary Lyn Haliema, Cridersville

### Bachelor of Science in Welding Engineering

One candidate

James Robert Mullens, Trenton, Mich.

### School of Architecture

#### Bachelor of Science in Architecture

Three candidates

John Mark DeLuca, Pittsburgh, Pa.  
James Walter Gibbs, Jr.,  
Belmont, W. Va.  
John Thomas Reddick,  
Philadelphia, Pa.

#### Bachelor of Landscape Architecture

One candidate

William John Sherman, Napoleon

#### Bachelor of Science in Landscape Architecture

One candidate

Thomas Bradley Becker, Wooster

### Juris Doctor

Forty-two candidates

Richard Alton Beebe, Painesville  
B.A. (Bowling Green State  
University)

James Selden Begin, Grafton  
A.B. (University of Michigan)

George Woodward Birch, Euclid  
B.B.A. (Ohio University)

Wayne Alan Brown, Columbus  
B.A.

Douglas Whitney Bulson, Toledo  
B.B.A. (Ohio University)

James Craig Carr, Poland  
A.B. (Miami University)

Harry Minshall Cochran, Jr.,  
Cincinnati  
B.A.

Richard Eugene Coss, Columbus  
B.S.Bus.Adm.

Bruce Edward Cryder, Crooksville  
A.B. (Ohio University)

Thomas Rickey Davis, Oak Hill  
B.S. in Bus. (Miami University)

Craig Edward Evans, Columbus  
B.F.A.

Mary Ellen Fairfield, Brecksville  
B.A. (Purdue University)

David William Fixx, Xenia  
A.B. (Ohio University)

Jim Denver Fox, Belpre  
B.B.A. (Ohio University)

Charles Fredrick Geidner,  
Youngstown  
B.A. (University of Cincinnati)

Steven Thomas Greene, Columbus  
B.A. (Brown University)

David Brian Harwood, Willard  
A.B. (Ohio University)

Brian Patrick Kilbane, Cleveland  
A.B. (University of Detroit)

Edward Russell Kirk, Barberton  
B.A. (Ohio Wesleyan University)

James Harry Lagos, Springfield  
B.A. (Wittenberg University)

Thomas Frank Luken, Cincinnati  
B.B.A. (University of Cincinnati)

Gerald Mark McClain, Crabtree, Pa.  
B.A. (University of Pittsburgh)

William James McGraw, III, Troy  
B.B.A. (Ohio University)

Thomas Kerns McKnight, Cincinnati  
B.S. in Bus. (Miami University)

Terrence James Morse, Columbus  
B.A.

Donald Bruce Nevard, Wilmette, Ill.  
B.B.A. (Ohio University)

David Edsall Northrop,  
Coraopolis, Pa.  
B.A. (Allegheny College)

Gary Zane Nothstein, Lehigh, Pa.  
B.A. (Johns Hopkins University)

Harold DeWolf Paddock, III, Aurora  
B.S.Bus.Adm.

Charles Joseph Pruitt, Eugene, Ore.  
B.A. (University of Oregon)

Thomas Joseph Ramsey, Bergholz  
B.A. (Miami University)

John Charles Rosenberger,  
Mt. Blanchard  
B.S.Agr.

Joseph Eugene Scuro, Jr.,  
Bergenfield, N. J.  
B.A. (Manhattan College)

Nancy Elise Shurtz, Coshocton  
B.A. (University of Cincinnati)

Steven Lee Smith, Columbus  
B.S. (Ball State University)

Rickard Stanley Toomey, Jr.,  
Willoughby  
B.S. in Bus. Adm. (University of  
Dayton)

Adam Joseph Wagenbach, Trotwood  
A.B. (Ohio University)

Bruce Frederick Wagner, Chillicothe  
B.B.A. (Ohio University)

Robert Lee Whitmer, Maumee  
B.A. (Northwestern University)

Michael Edward Yurosko, Euclid  
B.A.

Jeffrey Edward Zink, Canton  
B.A. (Kent State University)

Frederick Hurxthal Zollinger, Jr.,  
Hartville  
B.S. in C.E. (Lehigh University)

## College of Medicine

Acting Dean: Robert J. Atwell, M.D.

### Doctor of Medicine

One candidate

Betty Frances Ball, Toledo  
B.A. (Miami University)

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

Four candidates

Anthony Fred Alacca, Mansfield  
Karen Watkins Feltham, Dublin  
Jill Scott Gorshing, Fort Collins, Colo.  
Penelope Lax Wolford, Cleveland

#### Bachelor of Science in Occupational Therapy

Twelve candidates

Marilyn Kay Davy, Columbus  
Barbara Aurand Drake, Warren  
Donna Gribben Fulton, Kettering  
Cynthia Olds Godsey, Bloomville  
Carolyn Linebaugh Heindl,  
Miamiburg  
Susan Dianne Jones, Portsmouth  
Laura Plavny Maher,  
Broadview Heights  
Carolyn Susan Panak, Newton Falls  
Kathleen Iris Paulin,  
Cleveland Heights  
Kathleen Melko Sampson,  
Steubenville  
Sondra Sheets Titer, Urbana  
Patricia Palmer Woolfe,  
Washington C.H.

#### Certificate of Post Baccalaureate Medical Technologist

Three candidates

Kathy Jo Brewer, Germantown  
B.A. (Miami University)  
Salim Najib Jreissaty,  
Zahleh, Lebanon  
B.S. (American University of  
Beirut); M.S.  
Joyce Elaine Smith, Dayton  
B.S. (University of Dayton); M.S.

### School of Nursing

#### Bachelor of Science in Nursing

Ten candidates

Christina Jane Benson,  
Newcomerstown  
Mary Alexander Brady, Muncie, Ind.  
Deborah Lynn Bridgeland, Cincinnati  
Ann Jones Davids, Prospect  
Linda Dianne McClellan Drake,  
Westerville  
Marilyn Celine Jelenic, Euclid  
Claudia Margaret Plonski, Cleveland  
Doris Emma Sifling, Lorain  
Rosa Lee Marie Weinert,  
Reynoldsburg  
Marcia McCarty Wheelen, Columbus

## Graduates with Honors

### Summa Cum Laude

Dorothy Unseth Behling,  
Columbus  
William Edward Bottger, Newbury  
Mary Alexander Brady, Muncie, Ind.  
James Michael Cimprich, Trenton  
Joseph Patrick Croy, Sandusky  
John Lee Dryden, Columbus  
Jeffrey Paul Eisenman, Columbus  
Michael Paul Fisher, Tiffin  
Barbara Rinehart Gilmore, Columbus  
Sally Shannon Hanley, Columbus  
Thomas Arthur Hanson, Alliance  
Joseph Edward Havranek, Columbus  
Karlyn Reichenbach Holt, Lima  
Deborah Eppley Kent, Columbus  
Eddie Sui Ki Kwan,  
New Haven, Conn.  
Ron Michele Lesser,  
Douglaston, N. Y.  
Robert Matthews, Columbus  
Larry Charles Munn, Grafton  
David Edsall Northrop,  
Corapolis, Pa.  
Charles Howard Patterson, Wooster  
Kathleen Hanes Prescott, Columbus  
Charles Joseph Pruitt, Eugene, Ore.  
Anne Rogers Robinson, Columbus  
Michael Richard Scholz, Vandalia  
Dianne Sabine Schwager,  
Pittsburgh, Pa.  
Thomas Wayne Slemmer,  
Upper Sandusky  
Dean Bradley Stamp, Columbus  
Sandra Keyerleber Tarbutton, Mentor  
Beth Lee Ulrich, Medina  
Marcia McCarty Wheelen, Columbus  
Michael Edward Yurosko, Euclid  
Frederick Hurxthal Zollinger, Jr.,  
Hartville

### Summa cum laude and with Distinction in Dairy Science

Denise Raymont Ballinger,  
North Canton

### Summa cum laude and with Distinction in History

Diana Neal Galbreath, Columbus

### Summa cum laude and with Distinction in Natural Resources

Constance Miles Kauffman, Covington

### Cum laude

Donald Joseph Abate,  
Richmond Heights  
Linda Skillman Bader, Columbus  
Catherine Hilliard Beavers,  
Goldston, N. C.  
George Woodward Birch, Euclid  
Sherryl White Bourgeois, Columbus  
Rae Dubach Bush, Ashtabula

Janet Marie Bussert, Lithopolis  
Keith Edward Byers, Akron  
Harry Minshall Cochran, Jr.,  
Cincinnati  
Deborah Sue Conrad, Marysville  
Nancy Bobbitt Craig, Lima  
Bruce Edward Cryder, Crooksville  
Thomas Rickey Davis, Oak Hill  
Carolyn Imhoff Duty, Green Camp  
Mary Ellen Fairfield, Brecksville  
Shandolia Marie Flagel, Dayton  
Diane Marie Friemoth, Ottoville  
Paul Michael Giroski, Cleveland  
Richard Milton Grossman,  
Youngstown  
David Brian Harwood, Willard  
Leslie Michael Howard, Worthington  
Edward Russell Kirk, Barberton  
Jan Wiley Koczera, Columbus  
Janet Marie Krawetz, Cleveland  
Marcia Kay Krill, Edgerton  
James Randal Krischak, Hilliard  
Karen Louise Lamoreux, Lakewood  
Janet Rush Lang, Columbus  
Donna Converse Lawrence, Marion  
Steven Karl Leavitt, Troy  
William H. Lewis, III,  
Newburgh, N. Y.  
Barbara Pracht MacArthur,  
Defiance  
Richard Keith Mains, Canton  
Marilyn Carol Mauck, Worthington  
Kathleen Linda McGlone,  
Steubenville  
William James McGraw, III, Troy  
Michael Roy Meloeny, Columbus  
Judith Maxwell Morris, Columbus  
Terrence James Morse, Columbus  
Linda Pearl Nauman, Delaware  
Gary Zane Nothstein, Lehighton, Pa.  
John Clifford Ostgaard,  
Milford Center  
Patti Louise Overholt, Columbus  
John Charles Rosenberger,  
Mt. Blanchard  
Debra Lynn Rosenthal,  
Shaker Heights  
Judith Margaret Ross, Worthington  
Dennis James Schumaker,  
Port Clinton  
Susan Virginia Selby, Warren  
James Lee Shellhaas, Columbus  
Wayne Allen Short, Archbold  
Lauren Corliss Stevens, Cincinnati  
Lorraine DeForest Swindler,  
Trenton  
Richard Lynn Thompson, Erie, Pa.  
Janice Yake Tongring, Toledo  
Sara Stonebrook Tucker, Mansfield  
Mary Kathryn Van Balen, Columbus  
Damian Joseph Vercillo, Ashland  
Carole Ann Wagan, Akron  
Gerald Patrick Wallace, Wellsville  
Katherine Hunt Warren, Parma  
Sandra Kay Weaver, Shelby  
Kathleen Sue Werbel, Marion  
Brent Robert Wientjes, Westerville  
Frank Dixon Williams, Perrysburg

Stephen Emil Yannucci, Columbus  
Deborah Deam Yore, Columbus

### Cum laude and with Distinction in Music Theory and Composition

Gary Lee Eby, Columbus

### Cum laude and with Distinction in Psychology

Ronald Alan Greenfield,  
McKeesport, Pa.

### With Distinction in Art

Kathryn Jo Yarrington, Blacklick

### With Distinction in Dairy Science

Charles Thomas Trinter, Vermilion

### With Distinction in Psychology

Deborah Lynn Haller, Columbus

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 2, 1973

The Board of Trustees met at its regular monthly meeting on Friday, February 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

TRUSTEE DAY

Mr. Gushman thanked the Undergraduate Student Government for sponsoring the "Trustee Day" on the campus. He indicated that he found the experience a very constructive one.

Mrs. James said she had found the day very worthwhile, but indicated she would have liked to spend more time with students and less time in facilities.

Mr. Shocknessy commended Mr. Michael White, President of the Undergraduate Student Government, not only for proposing the day, but for the courtesies extended to him personally.

Dr. Sirak reinforced what the others had said and added that he thought the "Trustee Day" served a useful and meaningful purpose.

---

REPORT BY CHAIRMAN

Mr. Eckley appointed Mrs. Patricia D. James as the Board's representative to the Association of Governing Boards of Universities and Colleges for the remainder of the academic year 1972-1973.

---

SPECIAL REPORT

Mr. Shocknessy reported on behalf of the Finance and Investment Committee its recommendation concerning the acquisition of a President's House.

Mr. Shocknessy presented the following recommendation:

Purchase of Building and Property - President's Residence

That the Secretary of the Board of Trustees be authorized to enter into a contract in the form attached hereto and incorporated herein (see Appendix VI, page 329), on behalf of the Board of Trustees of

SPECIAL REPORT (continued)

Mr. Shocknessy's recommendation (continued)

Purchase of Building and Property - President's Residence (continued)

The Ohio State University, to purchase the real property located at 285 Croswell Road in the City of Columbus, Franklin County, Ohio, at a price not to exceed \$140,000, as advised by counsel.

As a condition of purchase, necessary approvals from the Ohio Board of Regents and the Controlling Board in accordance with the provisions of House Bill 988, Section 5, will be obtained and the MAI appraisal recorded.

In answer to a question by Mr. Shocknessy as to the suitability of the house, President Enarson indicated that Mrs. Enarson and he believe the house fulfills all the requirements which the Board and Mrs. Enarson had initially agreed to be necessary to support the official University activities conducted in a President's House; and, therefore, this action had Mrs. Enarson's and his enthusiastic support.

Mr. Shocknessy requested Mr. Davis to speak to the appropriateness of adopting the resolution. Mr. Davis, counsel to the Board of Trustees, concurred in the appropriateness of the resolution.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

---

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of Trustee, The Ohio Legal Center

In compliance with the Code of Corporate Regulations of The Ohio Legal Center, President Enarson recommended that Professor Lawrence Herman be appointed a trustee of the Legal Center, effective immediately, to replace the late Professor Ervin Pollack.

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

B. Report of Auditor of State - The Ohio State University Hospitals

The Annual Report of the Auditor of State for the fiscal year 1970-1971 has been received and reviewed by the appropriate officers of the University.

The accounts, records, files, and reports of The Ohio State University Hospitals were found to be adequate with the exception of those records which were commented upon specifically in the report.

President Enarson recommended that this Report of the Auditor of State for the fiscal year 1970-71 for The Ohio State University Hospitals be received and filed with the official documents of the University.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above recommendation was approved by unanimous voice vote.

C. Establishment of a Department of Dance

The University Senate on November 21, 1972, approved the recommendation of the Council on Academic Affairs that a Department of Dance be established.

The Division of Dance meets all requirements for departmental status including the minimum number of well-qualified faculty members in the ranks of Assistant Professor, Associate Professor, and Professor. In its four years of existence, dance has gained recognition as one of the outstanding dance programs in the country. At the present time the Division offers a Bachelor of Fine Arts, Bachelor of Science in Education, and Master of Arts degrees. Dance acts as a cognate area for theatre for students who want to work on a Doctor of Philosophy degree in dance and theatre. Among the important areas of research available to students are Dance History with an outstanding slide and library collection, Dance Notation with a library of original scores, films, manuscripts, and rare Labanotation resources. Research involving original choreography in a variety of styles and experimental approaches, and the reconstruction, writing, and reading of dance scores and historic notation systems are included in the program.

President Enarson recommended that a Department of Dance be established, effective July 1, 1973.

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

D. Quarterly Review of Current Funds Budget

The review of the status of the Current Funds Budget for the quarter ended December 31, 1972, is presented to the Board of Trustees for review. The actual Autumn Quarter enrollments, fee collections, and subsidy earnings provide the University with the most accurate indication of needs and resources for the year.

February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Quarterly Review of Current Funds Budget (continued)

SOURCES OF INCOME

The adjustments to resources for the second quarter for General Budgets - Central Campus total \$3,289,871, consisting of additional subsidy earnings of \$2,127,173 and increases in other unrestricted income of \$1,162,698. The increase in subsidy is due primarily to changes to the application of subsidy support factors by the Ohio Board of Regents and changes in internal enrollment patterns, with only a slight overall increase in total enrollment over that anticipated.

The adjustments to General Budgets - Regional Campuses represents increase in subsidy earnings which will be placed in reserve.

Current estimates of restricted expenditures reflect an increase in restricted federal grants and contracts received to date, specifically, Vocational and Technical Education.

There are no major changes to the original estimates of auxiliary budgets.

	Budget Approved September 30, 1972	Revised Budget December 31, 1972	Difference
Central Campus			
State Subsidy	\$ 65,743,666	\$ 67,870,839	\$2,127,173
Student Fees	45,175,000	45,175,000	-0-
Other Unrestricted Income	16,465,445	17,628,143	1,162,698
Carry Forward from 1971-72	4,449,069	4,449,069	-0-
Beginning General Reserve	<u>3,763,612</u>	<u>3,763,612</u>	<u>-0-</u>
Total	<u>\$135,596,792</u>	<u>\$138,886,663</u>	<u>\$3,289,871</u>
Regional Campuses - All Sources	\$ 5,396,387	\$ 5,441,914	\$ 45,527
Auxiliary Operations	\$ 86,644,000	\$ 87,720,000	\$1,076,000
Restricted Funds	<u>\$ 48,205,000</u>	<u>\$ 51,801,000</u>	<u>\$3,596,000</u>
Grand Total	<u>\$275,842,179</u>	<u>\$283,849,577</u>	<u>\$8,007,398</u>

February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Quarterly Review of Current Funds Budget (continued)

BUDGETED EXPENDITURES

The adjustments to General Budgets - Central Campus for the second quarter reflect a release of \$2,947,531 from approved program budgets to college and office personnel, operating, and equipment budgets and \$888,172 net adjustment to instructional budgets due to change in enrollment patterns and a slight increase in enrollment over that budgeted; and \$274,526 increase in income in "earnings budgets" directly offset by expenditures. The additional subsidy earnings of \$2,127,173 will be placed in reserve.

	Budget Approved September 30, 1972	Revised Budget December 31, 1972	Difference
General Budgets - Central Campus			
Personnel Services	\$101,394,972	\$103,872,529	\$2,477,557
Operating and Equipment	20,889,689	22,522,361	1,632,672
All Other	11,312,131	8,364,600	(2,947,531)
Ending General Reserve	<u>2,000,000</u>	<u>4,127,173</u>	<u>2,127,173</u>
Total	<u>\$135,596,792</u>	<u>\$138,886,663</u>	<u>\$3,289,871</u>
General Budgets - Regional Campuses	<u>\$ 5,396,387</u>	<u>\$ 5,441,914</u>	<u>\$ 45,527</u>
Restricted Budgets/ Expenditures	<u>\$ 48,205,000</u>	<u>\$ 51,801,000</u>	<u>\$3,596,000</u>
Rotary and Auxiliary Budgets	<u>\$ 86,644,000</u>	<u>\$ 87,720,000</u>	<u>\$1,076,000</u>
Grand Total	<u>\$275,842,179</u>	<u>\$283,849,577</u>	<u>\$8,007,398</u>

President Enarson recommended that the foregoing report as submitted be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the December 1, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Naurine R. McCormick from Professor and Associate Director (part time - 15 per cent) in the School of Home Economics to Professor and Acting Director (part time - 35 per cent) in the School of Home Economics, effective January 1, 1973, at a salary of \$8,694.00 per annum (12-month basis). She will continue as Professor and Assistant Director (part time - 50 per cent) in the Cooperative Extension Service.

Theodore B. Myers from Professor of Zoology on The Ohio State University Marion Campus to Associate Director of The Ohio State University Marion Campus (part time - 75 per cent) and Professor of Zoology, The Ohio State University Marion Campus (part time - 25 per cent), effective February 2, 1973, at a salary of \$19,008.00 per annum.

B. Leaves of Absence Without Salary

Anthimos J. Christoforidis, Professor, Department of Radiology, effective December 15, 1972 through June 14, 1973, to complete the development of new curricula for medical students and Post - M. D. students in the Department of Radiology at the University of Salonika, Greece.

Leonhard A. Miller, Assistant Professor, Department of Mathematics, effective October 1, 1972 through March 31, 1973, to do research at the Mathematisches Institut in Gottingen, West Germany.

Deborah C. Andrews, Instructor, Department of English, effective January 1, 1973 through March 31, 1973, for personal reasons.

Janet H. Arenson, Instructor, School of Nursing, effective January 1, 1973 through March 26, 1973, for personal reasons.

Kaye F. Bartlett, Instructor (Area Extension Agent, CRD) Washington C. H. Area Center, Cooperative Extension Service, effective October 1, 1972 through November 30, 1972, to participate in a program of professional improvement at The Ohio State University.

February 2, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Lucy S. Caswell, Instructor, University Libraries, effective January 1, 1973 through March 31, 1973, for personal reasons.

Peggy H. Simmons, Instructor (County Extension Agent) Greene County, Cooperative Extension Service, effective January 1, 1973 through March 31, 1973, for personal reasons.

Judith A. Wessel, Instructor (Extension Specialist, Home Management), Cooperative Extension Service, effective November 1, 1972 through January 31, 1973, for personal reasons.

C. Emeritus Titles

Ira A. Gould, Jr., Department of Food Science and Nutrition and Cooperative Extension Service, with the title Professor Emeritus, effective January 1, 1973.

Oscar E. Share, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1973.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the December 1, 1972 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	20	\$4,363,471.93
The Ohio State University Research Foundation	49	1,393,441.62
The Engineering Experiment Station	5	95,284.00
The Ohio State University Development Fund	15,126	2,357,324.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued<sup>1</sup>)

A. Office of Finance and Treasurer

1. Grants

- a. \$3,700,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for A Comprehensive Career Education Model, under the direction of the Center for Vocational and Technical Education, for the period through August 31, 1973. (Grant No. OEG-0-72-1419, Revision No. 2)
- b. \$189,970.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Center for Research and Leadership, under the direction of the Center for Vocational and Technical Education. This grant expires June 30, 1973. (Grant No. OEG-3-7-000158-2037, Revision No. 18)
- c. \$67,929.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1973. (Grant GW-7709, Proposal No. 3/0101)
- d. \$58,826.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medicinal Chemistry - Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 GM01949-05)
- e. \$55,561.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Geology for Secondary School Teachers, under the direction of the Department of Geology and Mineralogy. This grant expires September 30, 1973. (Grant GW-7668, Proposal No. 3/0169)
- f. \$53,824.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Environmental Sciences for Secondary School Teachers, under the direction of the Academic Faculty of Science and Mathematics Education. This grant expires June 30, 1974. (Grant GW-7804, Proposal No. 3/0869)
- g. \$31,750.00 granted by National Science Foundation, Washington, D. C., to the University for Student Science Training Program (Pre-College), under the direction of the Department of Mathematics. This grant expires October 31, 1973. (Grant GW-8206, Proposal No. 3/1627)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Grants (continued)

- h. \$30,000.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Horizons Unlimited Program, under the direction of the Department of Mathematics, for the period July 1, 1972 through June 30, 1973. (Grant No. 50849)
- i. \$29,854.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 1 7 45 0430 15 1)
- j. \$22,976.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 2 7 45 0430 15 1)
- k. \$19,293.93 granted by Ohio Board of Regents, Columbus, Ohio, to the University for project Meeting the Health Care Needs of the Aged in Ohio. This grant is made under Title I, Higher Education Act of 1965. (Program No. 73-944-004)
- l. \$18,091.00 granted by National Science Foundation, Washington, D. C., to the University for Student Science Training Program (Pre College), under the direction of the Department of Engineering Graphics. This grant expires October 31, 1973. (Grant GW-8176, Proposal No. 3/1458)
- m. \$16,710.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 7 7 45 0430 15 1)
- n. \$16,608.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Interpretations of Macromolecular Interactions, Development Award - Research Career Program, under the direction of the Department of Biochemistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 1 K04 GM70614-01)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Grants (continued)

- o. \$15,816.00 granted by National Science Foundation, Washington, D. C., to the University for Short Course on Junior High School Science Programs for Secondary School Supervisors, under the direction of the Academic Faculty of Science and Mathematics Education. This grant expires September 30, 1973. (Grant GW-8294, Proposal No. 3/1968)
- p. \$15,000.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for support of the project The Relationship of Nutrition Education to Subsequent Nutrition Knowledge, Attitudes, and Practices of Ohio High School Graduates, under the direction of the School of Home Economics, for the period July 1, 1972 through June 30, 1973.
- q. \$7,950.00 additional grant by United States Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for Environmental Pollutants in Relation to Lake Erie Herons, under the direction of the Department of Zoology, for the period ending August 31, 1974. (Contract No. 14-16-0008-1088, Amendment No. 1)
- r. \$7,563.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 4 7 45 0430 15 1)
- s. \$5,000.00 granted by World Health Organization and L'Organisation Mondiale de la Sante, 1211 Geneve 27, Switzerland, to the University for the WHO International Reference Centre for Diagnosis of Diseases of Vectors, under the direction of the Department of Entomology.
- t. \$750.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to the University for recruiting students for work-study programs under the direction of the Department of Black Studies. This contract expires December 30, 1972.

2. Gift-in-Kind

- a. A generator, Model NT-60-8, from the U. S. Atomic Energy Commission, Argonne National Laboratory, Argonne, Illinois. (Grant No. G0416, Proposal No. P-0247)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period November 11, 1972 through December 31, 1972.

1. Federal Research Contracts

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Project No. 1398-F - Mod. #9 - Department of Chemistry).  
Gross Value - \$43,271.00.
- b. Office of Naval Research, Department of the Navy, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Mod. #4 - Department of Metallurgical Engineering).  
Gross Value - \$22,000.00.
- c. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Effects of Weightlessness on the Development of the Vestibular Apparatus and Ocular Nystagmus in the Rat (to be known as Project No. 3329-A1 - Mod. #1 - Department of Anatomy).  
Gross Value - \$19,000.00.
- d. 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 (to be known as Project No. 3374-A1 - Mod. #1 - Department of Veterinary Pathobiology).  
Gross Value - \$93,964.00.
- e. Department of the Army, Harry Diamond Laboratories, Washington, D. C., Adaptive Arrays as Readout Antennas in an ECM Environment (to be known as Project No. 3435-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$50,345.00.
- f. Department of the Navy, Naval Air Systems Command, Washington, D. C., Adaptive Arrays: AJ Protection in Advanced Communication Systems (to be known as Project No. 3576-A1 - New - Department of Electrical Engineering [ElectroScience I laboratory]).  
Gross Value - \$54,996.00.

February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- g. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Methods, Computer Programs; and Approximations in Fast Reactor Design Basis Accident Calculations (to be known as Project No. 3588-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$24,748.00.
- h. Department of the Army, Army Aviation Systems Command, Ft. Eustis, Virginia, Development of Accelerated Life Test Techniques for Aircraft Hardware (to be known as Project No. 3598-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$44,978.00.

TOTAL - Federal Research Contracts \$353,302.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-C - Ltr. dtd. 12/6/72 - Department of Metallurgical Engineering).  
Gross Value - \$2,000.00.
- b. Metal Properties Council, United Engineering Center, New York, New York, A Survey of Mechanical and Corrosion Properties of Selected Alloys (to be known as Project No. 3069-A1 - Ltr. dtd. 12/6/72 - Department of Metallurgical Engineering).  
Gross Value - \$2,000.00.
- c. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-A1 - I.tr. dtd. 11/21/72 - Academic Faculty of Educational Development).  
Gross Value - \$267.10.
- d. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-F1 - I tr. dtd. 11/21/72 - Academic Faculty of Educational Development).  
Gross Value - \$2,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial and Other Research Contracts (continued)

- e. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-G1 - Ltr. dtd. 11/21/72 - Academic Faculty of Educational Development).  
Gross Value - \$2,156.52.
- f. Ohio Power Company, Canton, Ohio, Environmental Analysis of a Potential Power Site on Sandusky Bay (to be known as Project No. 3584-A1 - New - College of Biological Sciences and Department of Civil Engineering).  
Gross Value - \$37,847.00.
- g. Ethicon, Inc., Somerville, New Jersey, Polyglactin Suture Material (to be known as Project No. 3586-A1 - New - College of Dentistry).  
Gross Value - \$9,084.00.
- h. The University of Rochester, Rochester, New York, Statistical Theory and Applications: Sequential, Nonparametric, and Ranking Procedures (to be known as Project No. 3593-A1 - New - Division of Statistics).  
Gross Value - \$5,447.00.

TOTAL - Industrial and Other Research Contracts \$60,801.62

3. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO<sub>2</sub>-Artery QO<sub>2</sub> Relationships in Atherosclerosis (to be known as Project No. 1800-J - Ext. #9 - Department of Physiology).  
Gross Value - \$20,260.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as Project No. 1882-H - Ext. #8 - Department of Psychiatry).  
Gross Value - \$17,508.00.
- c. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #5 - Department of Physics).  
Gross Value - \$40,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Sup. #2 - Department of Physiological Chemistry).  
Gross Value - \$3,538.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa - Normal and Experimental (to be known as Project No. 2949-C - New - Department of Otolaryngology).  
Gross Value - \$34,029.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, The Role of the Red Nucleus in Motor Function (to be known as Project No. 2956-B - Sup. #2 - Department of Anatomy).  
Gross Value - \$3,134.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #4 - Department of Electrical Engineering [ElectroScience Laboratory]).  
Gross Value - \$65,991.00.
- h. National Science Foundation, Washington, D. C., Robots, Manipulators and Powered Orthopaedic Appliances (to be known as Project No. 3137-A1 - Amend. #2 - Department of Electrical Engineering).  
Gross Value - \$89,200.00.
- i. Department of Health, Education, and Welfare, Office of Education, Chicago, Illinois, A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - Rev. #3 - Academic Faculty of Educational Development).  
Gross Value - \$47,734.00.
- j. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3266-A1 - Sup. #2 - Department of Electrical Engineering [ElectroScience Laboratory]).  
Gross Value - \$20,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- k. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism, and Digestive Diseases, Bethesda, Maryland, Control of the Hexose Monophosphate Shunt in Red Cells (to be known as Project No. 3310-A2 - Ext. #1 - Department of Medicine).  
Gross Value - \$15,579.00.
- l. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Surface Properties of Metals (to be known as Project No. 3360-A1 - Mod. #B - Department of Metallurgical Engineering).  
Gross Value - \$30,009.00.
- m. U. S. Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens (to be known as Project No. 3365-A1 - Mod. #P301 - Department of Microbiology).  
Gross Value - \$21,289.00.
- n. National Science Foundation, Washington, D. C., Spectrophotometry of Late-Type Stars (to be known as Project No. 3367-A1 - Ltr. dtd. 12/11/72 - Department of Astronomy).  
Gross Value - \$28,300.00.
- o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Mode of Action of Fluoride in Caries Inhibition (to be known as Project No. 3380-A2 - Ext. #1 - College of Dentistry).  
Gross Value - \$33,657.00.
- p. National Science Foundation, Washington, D. C., Automatic Classification System with Application in Various Information Retrieval Environments (to be known as Project No. 3589-A1 - New - Department of Computer and Information Science).  
Gross Value - \$89,900.00.
- q. National Science Foundation, Washington, D. C., Economic Models of Disarmament (to be known as Project No. 3591-A1 - New - Mershon Center for Education in National Security and Department of Economics).  
Gross Value - \$3,700.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- r. National Science Foundation, Washington, D. C., Acoustic Holographic Recorder (to be known as Project No. 3599-A1 - New - Department of Welding Engineering).  
Gross Value - \$36,500.00.
- s. National Science Foundation, Washington, D. C., Ice Crater Closure Studies of a Glacier on Deception Island (to be known as Project No. 3600-A1 - New - Institute of Polar Studies and Department of Civil Engineering).  
Gross Value - \$7,700.00.
- t. National Science Foundation, Washington, D. C., Cross-Section Studies of Two Problems in the Term Structure of Interest Rates (to be known as Project No. 3601-A1 - New - Department of Economics).  
Gross Value - \$24,000.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, Development and Evaluation Case Studies in Clinical Diet (to be known as Project No. 3603-A1 - New - School of Allied Medical Professions).  
Gross Value - \$63,003.00.
- v. National Science Foundation, Washington, D. C., Antiferromagnetic Resonance in Diluted Alloys (to be known as Project No. 3605-A1 - New - Department of Physics).  
Gross Value - \$10,700.00.
- w. National Science Foundation, Washington, D. C., 28th and 29th Symposium on Molecular Structure and Spectroscopy (to be known as Project No. 3607-A1 - New - Department of Physics).  
Gross Value - \$14,000.00.
- x. National Science Foundation, Washington, D. C., Methodology for the Performance Evaluation of Information Systems (to be known as Project No. 3609-A1 - New - Department of Computer and Information Science).  
Gross Value - \$76,500.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- y. National Science Foundation, Washington, D. C., Electronic, Dynamic, and Chemical Properties of Carbanionic Substances (to be known as Project No. 3610-A1 - New - Department of Chemistry).  
Gross Value - \$30,000.00.

TOTAL - Federal Research Grants \$826,231.00

4. State Research Grants

- a. Ohio Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio, Evaluation of the Dayton-Montgomery Forensic Psychiatry Center (to be known as Project No. 3595-A1 - New - Division of Public Administration).  
Gross Value - \$7,500.00.
- b. Ohio Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio, Effective Implementation of the Ascherman Act (to be known as Project No. 3596-A1 - New - Division of Public Administration).  
Gross Value - \$15,403.00.
- c. Ohio Department of Economic and Community Development, Columbus, Ohio, Minority Business Enterprise Program (to be known as Project No. 3604-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$30,000.00.

TOTAL - State Research Grants \$52,903.00

5. Industrial and Other Research Grants

- a. American Cancer Society, Inc., New York, New York, The Effect of Chemotherapy on Human Macrophage Function (to be known as Project No. 3151-A2 - Ext. #1 - Department of Medicine).  
Gross Value - \$26,075.00.
- b. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Prolactin Secretion in Carcinoma of the Breast (to be known as Project No. 3581-A1 - New - Department of Medicine).  
Gross Value - \$4,995.00.

February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- c. National Endowment for the Humanities, Washington, D. C.,  
Cumulative Location and Artist Index to A. Venturi's Storia  
dell' Arte Italiana (to be known as Project No. 3590-A1 - New -  
The Ohio State University Library).  
Gross Value - \$9,057.00.
- d. National Endowment for the Humanities, Washington, D. C.,  
The American Revolutionaries and the Growth of a National  
History, A Study of the Relationship Between Historical Ideas  
and Political Action, 1776-1826 (to be known as Project No.  
3592-A1 - New - Department of History).  
Gross Value - \$7,577.00.
- e. American Cancer Society, Inc., New York, New York, American  
Cancer Society Institutional Grant (to be known as Project No.  
3594-A1 - New - Department of Pathology).  
Gross Value - \$52,500.00.

TOTAL - Industrial and Other Research Grants \$100,204.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period November 14, 1972 through January 4, 1973.

1. Government Research Contracts

- EES 433X      Correlates of Test Driver Measurement and User  
Accidents, Ohio Department of Transportation,  
Columbus, Ohio.  
Gross Value - \$24,684.00.
- EES 434X      Evaluation of Illumination Designs for Accident  
Reduction at Nighttime Accident Highway Sites,  
Ohio Department of Transportation, Columbus, Ohio.  
Gross Value - \$31,200.00.
- EES 345X      Use of Latex in Concrete Bridge Decks, Ohio Depart-  
ment of Transportation, Columbus, Ohio.  
Gross Value - \$25,000.00.

TOTAL - Government Research Contracts \$80,884.00



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- d. \$12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for its Professorship in Theoretical Chemistry.
- e. \$10,000.00 from The Columbus Foundation, Columbus, Ohio, for the Novice G. Fawcett Chair in Educational Administration.
- f. \$6,720.97 from an anonymous donor for research in the College of Medicine.
- g. \$6,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for Infectious Disease Research.
- h. \$5,000.00 from Ford Motor Company Fund, Dearborn, Michigan, for the Department of Mechanical Engineering.
- i. \$5,000.00 from Jasam Foundation, Columbus, Ohio, for research in the College of Education.
- j. \$5,000.00 from Parke-Davis & Company, Detroit, Michigan, for research in the College of Medicine.
- k. \$5,000.00 from Frances Schwebel Solomon, Youngstown, Ohio, for loans in the College of Medicine.
- l. \$5,000.00 from Standard Oil (Indiana) Foundation, Chicago, Illinois: \$3,000.00 for Distinguished Teaching Awards and \$2,000.00 for the University Emergency Fund.

3. Gift-in-Kind

- a. Equipment from Hobart Brothers Company, Troy, Ohio, for the Department of Welding Engineering.

4. Establishment of Named Funds

- a. \$150,000.00 bequest from the Estate of Janet French Houston for the establishment of The Thomas Ewing French Fellowship.

The Thomas Ewing French Fellowship

The Thomas Ewing French Fellowship was established February 2, 1973, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Janet French Houston (B. A. '21), late of Newark, New Jersey, in memory of her father, Thomas Ewing French.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

a. The Thomas Ewing French Fellowship (continued)

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

The income is to be used to establish The Thomas Ewing French Fellowship and for the support of the fellowship in the Department of Engineering Graphics. The fellows are to be selected and the funds used upon the recommendation of the Chairman of the Department of Engineering Graphics and the Dean of the College of Engineering.

The fellowship shall be maintained to the extent possible by the application of net income derived from the endowment and the University is authorized to invade the principal amount of the endowment as and when it shall be necessary to supplement income to provide the amount necessary for the maintenance of the fellowship.

Should the Department of Engineering Graphics or the College of Engineering cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering instruction.

b. \$43,246.54 from the Technical Education Foundation for the establishment of the Technical Education Foundation Scholarship Fund.

Technical Education Foundation Scholarship Fund

The Technical Education Foundation Scholarship Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University through a gift of \$43,246.54 to The Ohio State University Development Fund from the Technical Education Foundation of Columbus, Ohio.

The Trustees of the Technical Education Foundation have acted to terminate the existence of the Foundation, and transfer the remaining, unencumbered assets of the Foundation to The Ohio State University Development Fund.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

b. Technical Education Foundation Scholarship Fund (continued)

This sum, \$43,246.54, is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this endowment is to be used to provide scholarships, grants, awards, or loans to students from two-year associate degree programs wishing to pursue studies in the areas of engineering or engineering technology. Recommendations for such scholarships, grants, awards, or loans shall be made by the Dean of the College of Engineering.

In the event the need for such student aid should cease to exist or so diminish as to create unused income, then the income may be used by the College of Engineering at the discretion of the Dean, preference to be given, however, to items and services in the area of engineering technology.

c. \$39,790.00 from Ione Beaton Krumm for the establishment of The Tahlman Krumm Engineering Memorial Fund.

The Tahlman Krumm Engineering Memorial Fund

The Tahlman Krumm Engineering Memorial Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ione Beaton Krumm (Edu-W'36), of Columbus, Ohio, in memory of her husband, Tahlman Krumm (B. C. E. '34), who passed away August 16, 1969.

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

The annual income is to be used as a discretionary fund to further the progress of the Department of Civil Engineering. Disbursements are to be made upon the recommendation of the Chairman of the Department of Civil Engineering and the Dean of the College of Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

c. The Tahlman Krumm Engineering Memorial Fund (continued)

Should the Department of Civil Engineering or the College of Engineering cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering instruction.

d. \$7,950.00 from Mrs. W. Alton Jones, swine organizations, associates, and friends of Harold E. Delong for the establishment of the Harold E. Delong Memorial Scholarship.

Harold E. Delong Memorial Scholarship

The Harold E. Delong Memorial Scholarship was established February 2, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Mrs. W. Alton Jones, swine organizations, associates, and the many friends of the late Harold E. Delong, Columbus, Ohio, Swine Herdsman for the University's Department of Animal Science from 1963 to 1971.

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

Annual income is to be used to provide one or more scholarships from sophomore, junior, or senior students enrolled in the Department of Animal Science who evidence a major interest in the swine industry. Students are to be selected by the University Scholarship Committee upon the recommendations of the Department of Animal Science.

Should the need for such scholarships cease to exist or so diminish as to create unused income, or should the Department of Animal Science 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 of the appropriate administrative official of the University who is then directly responsible for animal science education related to the swine industry.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

- e. \$3,500.00 from Mrs. Mildred Tapp Brinkley for the establishment of the John Richard Brinkley Memorial Scholarship Fund.

John Richard Brinkley Memorial Scholarship Fund

The John Richard Brinkley Memorial Scholarship Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Mildred Tapp Brinkley, Bellefontaine, Ohio, in memory of her son, Ensign John R. Brinkley (Eng-W'50), who was killed in action in Korea on December 23, 1950.

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

The annual income shall be added to principal until such time as the principal equals \$10,000. After the principal reaches \$10,000 the annual income is to be used to provide one or more scholarships for students from Logan and Franklin Counties. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students having demonstrated academic ability and need for financial assistance.

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.

- f. \$1,135.00 from Dr. David H. Stansbery and friends and faculty members of the College of Biological Sciences for the establishment of The Museum of Zoology Fund.

The Museum of Zoology Fund

The Museum of Zoology Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from David H. Stansbery, Ph. D., Director of the Museum of Zoology, and other friends and faculty members of the College of Biological Sciences.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

f. The Museum of Zoology Fund (continued)

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

The annual income is to be used for expeditions, purchase of collections and related expenses of the Museum of Zoology, as determined by the Director of the Museum of Zoology and with the approval of the Dean of the College of Biological Sciences.

\* \* \*

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Air Condition Main Library

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 560,733.00	\$ 560,133.00	(\$ 600.00)

Revisions and deletions were made during installation due to conditions found during progress of the job.

The credit on this contract has been reflected in Budget Account 019074 (Air Condition Main Library).

B. Ohio Stadium--Intramural and Recreational Lighting System

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 17,113.00	\$ 24,444.85	\$ 7,331.85

The deterioration of the concrete at the edge of the "C" Deck made a complete redesign of the supporting structures for the lighting fixtures necessary.

Funds have been provided from Budget Account 801256 (Ohio Stadium Lighting).

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

C. University Hospital--Chilled Water Systems Additions

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,064,223.00	\$1,079,409.89	\$15,176.89

Revisions were made to the original specifications to provide a more effective system.

Funds have been provided from Budget Account 801228 (Hospital Chilled Water System).

D. River Union and Drama Facilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,966,287.00	\$4,016,903.42	\$50,616.42

The installation of a fireplace in the snack room was originally requested as an alternate at time of first bidding; rebid of general contract was necessary and the alternate was not requested at rebid. At a later date the additional funds were made available and the fireplace was installed. Additional revisions were necessary during construction to provide improvements to the fire protection systems made possible by technological advances.

Funds have been provided from Budget Account 801083 (Speech Theater River Union) and Budget Account 801176 (River Union Drama Facility).

E. University College, Building No. 3

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,171,996.00	\$2,168,702.45	(\$ 3,293.55)

Revisions were made due to conditions found during construction. A sizeable credit was issued for deletion of hot and chilled water lines, since the immediate construction of Building No. 4 made these lines unnecessary.

The credit has been reflected in Budget Account 016055 (HB 886) and Budget Account 801145 (University College, Building No. 3).

F. Graduate Research Center for Biological Sciences

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$6,899,636.00	\$6,956,441.77	\$56,805.77

February 2, 1973 meeting, Board of Trustees

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

F. Graduate Research Center for Biological Sciences (continued)

Throughout the laboratory areas, at the request of the College, vinyl asbestos tile was added. In the original contract there was no floor finish--the floors were concrete.

Funds have been provided from Budget Account 016031 (Graduate Research Center for Biological Sciences) and Budget Account 801137 (Biological Sciences Building).

Upon motion of Mrs. James, seconded by Dr. Sirak, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Elevator Repairs--Haskett Hall, McCracken Power Plant, McPherson I laboratory

This project will correct deficiencies in the elevators in these buildings to provide for additional safety.

Funds are budgeted in Account 125064 (Contract Repair).

B. Goss Laboratory, I aw Building, Robinson I aboratory-- Interior Maintenance

This project will accomplish the necessary painting, plastering, vinyl wall covering and related work as required.

Funds are budgeted in Account 125064 (Contract Repair).

C. Goss Laboratory--Partial Remodeling

This job was submitted for approval June 2, 1972, but after receipt of Federal Grant, modifications were found to be necessary to provide conformity with the expanded program.

This project involves extensive renovation of numerous existing spaces, including air conditioning, electrical systems, and general improvements to animal rooms and laboratories.

Funds are budgeted in Account 801293 (Goss Laboratory--Partial Remodeling).

V. PLANS AND SPECIFICATIONS (continued)

D. Laneview Service Center--Railroad Siding

This project will replace the Stadium Drive railroad siding which served the University's warehouse and power plant. Siding was removed due to the construction of the Olentangy Freeway.

Funds are budgeted in Account 801211, to be reimbursed from State of Ohio for land use agreement for the construction of the Olentangy Freeway.

E. Mansfield Campus--Repair and Resurface Parking Facilities

This project will repair the existing surface treated parking lots to provide a stable base to prevent any unnecessary deterioration.

Funds are budgeted in Account 120942 (Mansfield Fund).

F. McCracken Power Plant--Electrical Utility Tie

This project will provide an increase in the electrical capacity available to the distribution system centered at McCracken Power Plant.

Funds are budgeted in HB 988, originally appropriated in SB 457 (Utilities and Renovation).

G. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

This project will consist of removing the remnants of the existing surface, as well as the unstable portions of the base material. The subdrainage system is to be expanded to prevent a reoccurrence of the current deterioration.

Funds are budgeted in Account 125064 (Contract Repair).

H. University Hospital--New Desuperheating Station, North Wing

This project will update the steam distribution system in the Medical Center Complex to provide an alternate steam supply of greater capacity to the Medical Center.

Funds are budgeted in Account 960200 (Hospital Rotary).

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

February 2, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Arps Hall, Chemical Engineering, Denney Hall,  
Hamilton Hall--Interior Maintenance

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 1-15-73) Harold F. Mollenauer Company (Columbus)	\$ 60,566.00	\$ 66,200.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

B. McCracken Power Plant--Additional Fuel-Oil Storage Tanks

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 11-28-72) Trapp Construction (Columbus)	\$ 45,100.00	\$ 47,135.00
<u>Plumbing Contract</u> (3 bids received 12-8-72) Farber Corporation (Columbus)	<u>66,350.00</u>	<u>75,900.00</u>
<u>Total All Contracts</u>	<u>\$111,450.00</u>	<u>\$123,035.00</u>

Funds for this project have been provided from Budget Account 801270 (Power Plant--Fuel-Oil Storage Tanks).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - WOSU-TV - Underground Electric Line,  
Columbus and Southern Ohio Electric Company

The Columbus and Southern Ohio Electric Company has requested a 10-foot easement across Board of Trustees lands at 6680 North 3C Highway, Westerville, Ohio, to provide power to the site of the new WOSU-TV transmitter.

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Easement - WOSU-TV - Underground Electric Line,  
Columbus and Southern Ohio Electric Company (continued)

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to act on behalf of the University to sign the necessary legal instruments to provide for the installation of this electric service.

B. Easement - Electric Line Anchor Easement, Columbus  
and Southern Ohio Electric Company

The Columbus and Southern Ohio Electric Company has requested an easement to provide for the installation of an anchor on University lands opposite 2530 Olentangy River Road. The anchor will support an additional electric line supplying power to the new Chemical Abstracts Building.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the anchor at the standard easement charge established by that office.

C. Purchase of Rinhart Collection of Daguerreian Art

Floyd and Marion Rinhart have brought together a collection of more than 1,800 historic images, some 1,160 of them daguerreotypes, depicting the period 1839 through 1865. The collection is catalogued and indexed in such a way as to make it valuable for research in many areas aside from photography. Sociology, history, art history, Black history, social psychology, and others will find a wealth of primary resource material.

The Rinharts have made an offer to sell the collection to the University. The Development Fund has been successful in interesting donors who have provided funds for the purchase of the Rinhart Collection.

President Enarson recommended that this purchase be approved and that the Acting Vice President for Administrative Operations be authorized to purchase this collection in accordance with the letter of November 14, 1972, addressed to Floyd and Marion Rinhart. Payment is to be made from Budget Account 523155. Payment will be made in ten annual installments of \$12,500, beginning in 1973, for a total of \$125,000.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

\*

\*

\*

VIII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Josephine Bye Lord, Instructor Emeritus in the Department of English; Charles Frederick Mate, Associate Professor in the Department of Physics; and Harald Herborg Nielsen, Professor Emeritus in the Department of Physics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Josephine Bye Lord

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 12, 1973, of Josephine Bye Lord, Instructor Emeritus in the Department of English.

Mrs. Lord was born in Canton, Ohio. She received her A. B. and M. A. degrees from The Ohio State University. She taught English and History in the Worthington High School in 1926-27. Between 1943 and 1945 she served as Librarian of the Lord Hall Library. She served as an Instructor in the English Department from 1946 to 1966, when she retired as Instructor Emeritus. She was a member of Phi Beta Kappa and an honorary member of Chi Delta Phi.

Mrs. Lord's teaching responsibilities were in the area of Freshman English, where her intelligence, skill, and kindness made her one of our most valued and respected teachers, admired by her colleagues and her students.

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

B. Charles Frederick Mate

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 6, 1972, of Charles Frederick Mate, Associate Professor in the Department of Physics.

Dr. Mate was born in Buffalo, New York, on September 14, 1931. His parents returned to England when he was still a child and he was educated there, receiving his B. A. from Pembroke College of Oxford University in 1955 and his D. Phil. from Oxford University in 1958.

From 1958 to 1961 Dr. Mate was Assistant Professor of Physics at McMaster University in Canada. He came to Columbus in 1961 as Visiting Assistant Professor in the Department of Physics. In 1963 he was appointed Assistant Professor of Physics and in 1965 became Associate Professor of Physics. In the summer of 1965 he was a Visiting Research Fellow at the University of St. Andrews in Scotland.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Charles Frederick Mate (continued)

Dr. Mate served his Department and the University in many ways. His cheerful personality, fine sense of humor, and deep interest in students all contributed to his reputation as an excellent teacher of both undergraduate and graduate students. For the past five years Dr. Mate had had general supervisory responsibility for a key introductory course sequence in the undergraduate curriculum. He also taught a number of advanced and graduate level courses and supervised the research of eight students who received the M.S. degree and six who received the Ph.D. degree. The research carried out by Dr. Mate and his students has been widely recognized as having made some fundamental contributions to the field of Low Temperature Physics. Dr. Mate served also on many Departmental Committees, including the Curriculum Committee and the Committee on Instructional Improvement, and was in the process of writing a book entitled Principles of Physics.

Dr. Mate was a member of various professional organizations, including the Canadian Association of Physicists from 1958-61, the American Association of Physics Teachers, and the American Physical 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 a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Harald Herborg Nielsen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 8, 1973, of Harald Herborg Nielsen, Professor Emeritus in the Department of Physics.

Dr. Nielsen was born in Menominee, Michigan, on January 25, 1903. He attended St. Olaf College and the University of Michigan receiving the B.S. in 1926, the M.A. in 1927, and the Ph.D. in 1929.

After a year as American-Scandinavian Fellow at the Bohr Institute in Copenhagen, he came to The Ohio State University as Instructor in the Department of Physics in 1930. He progressed through the academic ranks and became Professor of Physics in 1943. In 1946 he became Chairman of the Department, a position he held with great distinction for the next twenty-one years.

During his career, Dr. Nielsen authored some 125 scientific papers and directed the research of 100 graduate students in the field of infrared molecular spectroscopy. He was Editor of the Journal of Molecular Spectroscopy and an Associate Editor of the Physical Review and of The Journal of Chemical Physics. He was one of the originators of The Symposium on Molecular Structure and Spectroscopy which has met at Ohio State annually since 1946.

February 2, 1973 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Harald Herborg Nielsen (continued)

Dr. Nielsen served as member and chairman of several commissions of the International Union of Pure and Applied Physics and of the National Academy of Sciences National Research Council. He was Science Attache in the U. S. Embassy in Sweden in 1952-53 and Science Consultant to the U. S. Secretary of State from 1958 to 1966.

Among the many honors he received are the Medal of the University of Liege, the Cross of Leopold (Belgium), the Cross of Order of Knights of Dannebrog (Denmark), and an honorary Ph.D. from the University of Dijon.

Dr. Nielsen was an honorary member of the Society for Applied Spectroscopy; a fellow of the American Physical Society and the American Association for the Advancement of Science; a member of the American Association of Physics Teachers, American Astronomical Society, Optical Society of America, Royal Danish Academy, Societe Francaise de Physique, Royal Society of Physics of the University of Liege, Phi Beta Kappa, Sigma Xi, and Sigma Pi Sigma.

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

\*

\*

\*

IX. REPORTS

A. Report on Action Taken by Ohio Board of Regents

President Enarson reported that the Ohio Board of Regents at the meeting on December 17, 1972, approved the

New degree program Doctor of Arts in Economics submitted by The Ohio State University.

B. Report on the University's Investment Portfolio

The report dated February 1, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

February 2, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1973, at The Ohio State University, Columbus, Ohio, at 1:30 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

APPENDIX VI

REAL ESTATE PURCHASE CONTRACT

and

CLOSING AGREEMENT AND AFFIDAVIT

Page 330 Blank

REAL ESTATE PURCHASE CONTRACT

THIS AGREEMENT, made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 1973, by and between H. H. VAN METER and RUTH E. VAN METER, husband and wife, hereinafter collectively referred to as "Seller" and the Board of Trustees of THE OHIO STATE UNIVERSITY, hereinafter referred to as "Buyer".

WITNESSETH:

WHEREAS, Seller is desirous of selling the residential property located at 285 Croswell Road, Columbus, Ohio, to Buyer and Buyer is desirous of purchasing said property, on the terms and conditions hereinafter set forth;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, it is agreed that:

1. PREMISES CONVEYED. Seller will sell and Buyer will purchase the real property located in the State of Ohio, County of Franklin, City of Columbus, known as 285 Croswell Road and more fully described as follows:

Being Lot No. 17 of the Roselea Subdivision as recorded in Plat Book 27, Page 40, Recorder's Office, Franklin County, Ohio.

2. CLOSING AND POSSESSION. This contract shall be performed and the transaction shall be closed within ninety days after the execution hereof unless an extension of time is mutually agreed upon. Possession by the Buyer may take place as soon after closing as mutually convenient but no later than June 1, 1973. The closing shall be held at such time and place in Franklin County, Ohio, as Buyer shall designate.

3. EVIDENCE OF TITLE. For the real property to be conveyed Seller shall, at Seller's option, furnish and pay for,

Real Estate Purchase Contract (continued)

(a) A complete original abstract of title extended to a date not earlier than ten days before the closing, certified in accordance with the Standards of the Columbus Bar Association; or

(b) An owner's closing title insurance commitment certified to a date not earlier than ten days before the closing, and after the closing an owner's title insurance policy, an ALTA Owners Form B-1970, or its equivalent, in the amount of the total purchase price.

(c) Said abstract or said commitment shall show in Seller and the policy shall insure in Buyer a good and merchantable title in fee simple free and clear of all liens and encumbrances except: (1) those created by or assumed by Buyer; (2) those specifically set forth in this contract; (3) zoning ordinances; (4) legal highways; and (5) restrictions, conditions and utility easements of record created or reserved as a part of a general plan in and for the subdivision in which said property is located, provided the same are acceptable to Buyer.

(d) If title insurance is used, the entire cost of all commitments and title insurance policies issued in accordance with this contract and the cost of the title examinations made for said purposes shall be paid by Seller. Surveys and subdivision or parcel plats shall be paid for by Buyer.

(e) If the title to all or part of the real property to be conveyed is defective or unmerchantable, or if any part of the real property is subject to liens, encumbrances, easements, conditions or restrictions other than those excepted in this contract, or in the event of any encroachment, Seller shall have a reasonable time, not to exceed thirty (30) days, after written notice thereof, within which to remedy or remove any such defect, lien, encumbrance, easement, condition, restriction or encroachment, or obtain title insurance against the same.

Real Estate Purchase Contract (continued)

4. PRICE. The purchase price shall be One Hundred Forty Thousand Dollars (\$140,000) in cash at closing.

5. TAXES AND ASSESSMENTS. Seller shall pay all delinquent taxes, penalties and interest, and all special assessments now a lien, both current and reassessed and whether due or to become due.

Seller shall pay or credit on the purchase price, all real estate taxes for years prior to the closing, and a portion of such taxes for the year of closing, prorated through the date of closing. The pro-ration of undetermined taxes shall be based on a 365 day year and on the last available tax rate and valuation, and the amounts so computed and adjusted shall be final.

Except as hereinafter set forth Seller warrants that all assessments now a lien are shown on the Treasurer's duplicate and that no improvements (site or area) have been installed by public authority the cost of which is to be assessed against said premises in the future; and Seller further warrants that he has not been notified of possible future improvements by public authority, any part of the cost of which would or might be assessed, against the real property.

6. DEED. Seller shall convey to Buyer a good and merchantable title in fee simple to the real property by transferrable and recordable general warranty deed, with release of dower, free and clear of all liens and encumbrances, except those excepted in paragraph 3(c), above. Title shall be conveyed to "The State of Ohio for the use of The Ohio State University".

7. FIXTURES AND EQUIPMENT. The premises conveyed shall include in working condition all water softeners, electric garbage disposals, inside incinerators, kitchen appliances, television aerials, meters, furnaces, firing and furnace control apparatus, central airconditioning equipment, intercom systems, fireplace heaters, heating appliances, gas, electric, lighting, bathroom and lavatory fixtures, built-in

Real Estate Purchase Contract (continued)

equipment, refrigerators located in the kitchen and in the family room, automatic washer, automatic dryer, kitchen ranges, ovens, attached or affixed linoleum and tile floor covering, pergolas, arbors, shrubs, plants, trees, awnings, fly screens, window shades and blinds, curtain rods and poles, auxiliary doors and windows, porch blinds, screens, awnings, pertaining to the premises, whether now in or on the premises or in storage, carpets, drapes, metal shelving and metal storage cabinets.

8. WATER, SEWER AND STREET CLEANING BILLS. Seller shall pay all accrued water and sewer rental charges and all outstanding street cleaning bills to the closing date.

9. DAMAGE OR DESTRUCTION OF PROPERTY. Risk of loss to the real property and appurtenances from fire or other casualty shall be borne by Seller until closing, provided that if said property is substantially damaged or destroyed by fire or other casualty prior to the closing of the transaction, Buyer may (1) elect to proceed with the transaction in which event the Buyer shall be entitled to all insurance money, if any, payable to Seller under any and all policies of insurance covering the property so damaged or destroyed, or (2) elect to rescind the contract in which event all parties hereto shall be released from all liability hereunder. If Buyer elects to rescind the contract, it shall so notify Seller in writing within ten (10) days after Buyer has written notice of such damage or destruction; failure by Buyer to so notify Seller shall constitute an election to proceed with the transaction.

Seller will at his expense have the premises inspected by a qualified exterminator and provide to Buyer a certification that there is no insect, rodent or pest infestation of the premises or damage resulting therefrom. If such certification discloses any such infestation or damage, Seller will, at his cost, cause such infestation or damage to be eliminated or repaired prior to the closing, in workmanlike manner and to the reasonable satisfaction of Buyer.

Real Estate Purchase Contract (continued)

10. GENERAL PROVISIONS. This contract shall be governed by the laws of the State of Ohio.

The obligations of Buyer hereunder are conditioned upon approval of the expenditure herein contemplated by the Ohio Board of Regents and by the Controlling Board of the State of Ohio.

This contract is not assignable by either party without the written consent of all other parties hereto.

All warranties, representations and covenants herein contained shall survive the closing and if said deed and this contract are inconsistent, the provisions of this contract shall control.

In no event will Buyer be responsible for any commissions claimed as a result of this transaction. Seller agrees to hold harmless and indemnify Buyer against any and all costs including attorneys fees which may arise as a result of any such claim.

At the closing, Seller shall deliver to Buyer a closing agreement and affidavit in the form attached hereto and incorporated herein which may except liens and encumbrances not inconsistent with the other provisions of this contract.

THE BOARD OF TRUSTEES OF THE  
OHIO STATE UNIVERSITY

By: \_\_\_\_\_  
Buyer

\_\_\_\_\_  
H. H. Van Meter

\_\_\_\_\_  
Ruth E. Van Meter  
Seller

CLOSING AGREEMENT AND AFFIDAVIT

State of Ohio  
County of Franklin, ss:

\_\_\_\_\_, hereinafter designated owner, whether one or more than one, and if a corporation or partnership its official who signs these presents, being first duly sworn and cautioned according to law, deposes and states that \_\_\_\_\_ in possession of and the owner in fee simple of the following described real estate:

That owner has not been notified within the period of two years immediately preceding the date hereof, of contemplated improvements to said premises by public authority, the cost of which are to be assessed as special taxes against said premises in the future; that no unpaid improvements which might ripen into a mechanics lien have been made to said premises within the sixty days immediately preceding the date hereof; that owner has no knowledge of off record or undisclosed legal or equitable interest in said property owned by any other person, firm or corporation; that owner, except during minority, has never been and is not now under legal disability; that all former spouses, if any, of owner are deceased or such prior marriages legally terminated by divorce; that the rights of tenants, if any, in said premises, have been fully disclosed to purchaser; that the abstract of title furnished for said premises is correct to the best of owner's knowledge and belief; that the only encumbrances upon the title to said premises are:

that no improvements to said premises have been financed by F. H. A. Title loan or loans; that the improvements on said premises are located within the lot lines and owner, with respect to said improvements has knowledge of no structural or other defects, infestation by termites or other destructive insects, or uncomplied with orders of civil authority having jurisdiction, and that owner warrants the improvements to be free of structural or other defects; that all utility service lines serving said premises are located within the premises sold and conveyed, within lands dedicated to public use or recorded easements for the same, and that no such lines cross other private property unless the same are installed pursuant to recorded easements; that, if owner is a partnership or corporation, its officials consummating this transaction are properly authorized to do so, and agree that said partnership or corporation as well as said officials and the signatory hereto shall be bound by these presents; that all of the above matters, statements and representations are made to supplement the contract of sale this date being performed, and in consideration of and for the purpose of inducing \_\_\_\_\_ to consummate the purchase of said premises this date, and that the said purchasers may rely hereon, and that previous representations, whether oral or written, and the warranties of title made in the deed for said premises to the said purchasers this date, shall not void or limit the representations made herein.

Closing Agreement and Affidavit (continued)

Further affiant saith not.

\_\_\_\_\_

\_\_\_\_\_

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of  
\_\_\_\_\_, 1973.

\_\_\_\_\_

Notary Public

Page 338 Blank

Page 339 Blank

Page 340 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 2, 1973

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

March 2, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of Six Divisions in the College of Pharmacy

The University Senate on February 13, 1973, approved the recommendation from the Council on Academic Affairs pursuant to Rule 13.0501 of Rules for the University Faculty that the College of Pharmacy be organized into six Divisions, effective July 1, 1973.

Since the College is involved in many diverse educational efforts at several levels, e.g., undergraduate, graduate, and continuing education, and research; organization of these functions into Divisions to facilitate a more effective academic and administrative structure within the College is seen as highly desirable. The Divisional structure would provide more appropriate visibility of the several areas of instruction, research, and scholarly endeavor within the College, particularly at the graduate level.

The proposed Divisions are as follows:

Division of Administrative and Social Sciences  
Division of Clinical Pharmacy and Professional Practice  
Division of Medicinal Chemistry  
Division of Pharmaceutics and Pharmaceutical Chemistry  
Division of Pharmacognosy and Natural Products Chemistry  
Division of Pharmacology

President Enarson recommended that the Divisions for the College of Pharmacy, as recommended by the University Senate, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Degrees and Certificates Conferred--Winter Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 16, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 363.)

Upon motion of Mr. Shocknessy, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Football Tickets--Price Modification

The Athletic Council recommends the following price changes for football tickets, effective with the 1973 season:

I. GENERAL RECOMMENDATIONS (continued)

C. Football Tickets--Price Modification (continued)

- (1) Games scheduled two Saturdays or more prior to the opening of the Autumn Quarter classes will not be included in the student season football ticket.
- (2) Accordingly, the price of the student season football ticket will be reduced from \$14 to \$12 and the cost of the second season ticket for a non-student spouse will be \$16.
- (3) Students will be provided with the opportunity to purchase individual tickets for themselves and their non-student spouse for the home games which are scheduled two Saturdays or more prior to the opening of Autumn Quarter at \$3 per ticket.
- (4) Individual game reserved seats and some box seats which were priced at \$6 will be increased to \$7 per ticket.
- (5) The remaining individual game box seats will be increased from \$7 to \$8 per ticket.
- (6) The price of season tickets for faculty and staff will continue unchanged since the price of these tickets was increased in 1971.

The Athletic Council further recommends that the additional income derived from these price modifications be reserved for major maintenance and renovation programs for the Ohio Stadium which would include such possible items as treatment and painting of the exterior concrete face and exposed structural steel components, modification of public lavatories, and replacement of some of the present seats.

President Enarson recommended that the Board of Trustees approve the ticket policy and price changes as proposed by the Athletic Council.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

D. Honorary Degree

President Enarson recommended under Section 3, Rule 11.05, and after consultation with the Steering Committee of the University Senate, that the honorary degree, Doctor of Laws, be conferred on Phillip R. Shriver, President of Miami University, at the March 16, 1973 Commencement.

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

\*

\*

\*

March 2, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the February 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Retirement, Promotion, Leaves of Absence Without Salary, and Emeritus Title:

A. Retirement

James R. McCoy has requested retirement from the Deanship of the College of Administrative Science and from the Professorship on the Academic Faculty of Accounting, effective July 1, 1974. Dean McCoy will receive the full retirement benefits which accrue to principal administrative officials.

B. Promotion

Marvin R. Zahniser from Associate Professor, Department of History, to Associate Professor and Chairman of the Department of History, effective March 1, 1973, at a salary of \$24,048.00 per annum (three-quarter appointment), and promotion of Dr. Zahniser from Associate Professor to Professor, effective April 1, 1973.

C. Leaves of Absence Without Salary

John C. Burnham, Professor, Department of History, effective April 1, 1973 through September 30, 1973, to accept a Fulbright lectureship in Australia.

Kathel A. Kerr, Associate Professor, Department of History, effective April 1, 1973 through June 30, 1973, to accept a Fulbright lectureship in Japan.

Margaret E. Griffiths, Instructor, Cooperative Extension Service, effective January 16, 1973 through March 16, 1973, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Title

Leota L. Balsizer, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1973.

President Enarson recommended that the Retirement, Promotion, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

March 2, 1973 meeting, Board of Trustees

### III. SPECIAL REPORT

#### A. Alcoholic Beverages - University Residential Facilities

President Enarson presented the following report:

I wish to announce at this time a modification in the existing University regulations on the possession and use of alcohol on this campus. Because of the many expressions of concern which I continue to receive, both from our students living on this campus as well as those charged with responsibility for management of our residential facilities, I have devoted a substantial amount of time examining this issue.

After a comprehensive review, numerous discussions, and a great deal of reflection, I am now convinced that the best course at this time is to extend to the students who reside within University residential facilities the privileges and responsibilities which are provided by the laws governing alcoholic beverages in the State of Ohio.

Accordingly, I am announcing the following revision in this University's policy relating to the possession and consumption of alcohol on campus.

In accordance with authority vested in me by Board action in October 1970, I am specifically authorizing the possession and consumption of alcoholic beverages in individual student rooms and apartments on campus provided that each residential unit desiring the availability of alcohol develop an approved plan fully consistent with local, state, and federal laws before such permission is granted. To receive approval, such plans must incorporate appropriate safeguards to assure (1) that such consumption will be restricted to student rooms and apartments and (2) that the rights of individuals to whom the use of alcohol is offensive will be fully respected.

\*

\*

\*

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the February 2, 1973 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	14	\$ 732,715.00
The Ohio State University Research Foundation	21	1,390,880.00
The Engineering Experiment Station	1	11,654.00
The Ohio State University Development Fund	4,286	1,157,742.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

- a. \$177,492.00 additional grant by United States of America, Agency for International Development, Washington, D. C., to the University for USAID/Brazil project, College of Agriculture and Home Economics, for the period January 1, 1973 through December 31, 1973. (Contract No. AID/1a-161 [Brazil], Amendment No. 13)
- b. \$158,399.00 additional grant by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for support of the ERIC Clearinghouse on Vocational and Technical Education, under the direction of The Center for Vocational and Technical Education, for the period December 31, 1972 through August 31, 1973. (Contract No. OEC-0-70-1214, Modification No. 6)
- c. \$90,443.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05409-12)
- d. \$78,036.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 1 7 45 0430 15 1)
- e. \$60,055.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 2 7 45 0430 15 1)
- f. \$56,139.00 additional grant by National Science Foundation, Washington, D. C., to the University for Institutional Grant for Science, under the direction of the Graduate School. (Grant GU-3637, Amendment No. 3)
- g. \$30,406.00 granted by National Science Foundation, Washington, D. C., to the University for support of a Cooperative College-School Science Program, under the direction of the Academic Faculty of Science and Mathematics Education. This grant will expire July 31, 1974. (Grant GW-7984, Proposal No. 3/1355)

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- h. \$25,116.00 granted by National Science Foundation, Washington, D. C., to the University for support of a Cooperative College-School Science Program, under the direction of the Academic Faculty of Early and Middle Childhood Education. This grant will expire July 31, 1974. (Grant GW-8012, Proposal No. 3/1370)
- i. \$24,922.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Careers of Ohio - Operation MEDIHC, under the direction of the College of Medicine. This grant expires September 30, 1973. (Contract No. NIH 72-4026, Modification No. 2)
- j. \$17,955.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05607-07)
- k. \$4,990.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 4 7 45 0430 15 1)
- l. \$4,262.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 7 7 45 0430 15 1)
- m. \$3,500.00 granted by Small Business Administration, 1441 L Street, N. W., Washington, D. C., to the University to provide management counseling and technical assistance to small business concerns, under the direction of the College of Administrative Science. (Contract No. SBA-1568-PMA-73)
- n. \$1,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for U. S. Loan Program for Cuban Students, under the direction of the Office of Student Financial Aids, for the Spring Quarter, 1973. (Appropriation No. 7530573)

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period January 1, 1973 through January 31, 1973.

1. Federal Research Contracts

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as Project No. 2116 - Mod. #11 - Department of Physics).  
Gross Value - \$240,000.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (to be known as Project No. 2116-A - Mod. #11 - Department of Physics).  
Gross Value - \$65,000.00.
- c. Agency for International Development, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDC's (to be known as Project No. 2871 - Amend. #7 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$280,000.00.
- d. U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Trap Distribution in Semiconductors (to be known as Project No. 3253-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$31,719.00.
- e. Department of the Army, Defense Civil Preparedness Agency, Washington, D. C., Studies in Disaster Response and Planning (to be known as Project No. 3395-A1 - Mod. #P204-2 - Department of Sociology).  
Gross Value - \$60,000.00.
- f. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Gas Turbine Transpiration Cooling Research (to be known as Project No. 3611-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$44,000.00.

TOTAL - Federal Research Contracts \$720,719.00

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contract

- a. Ohio Department of Industrial Relations, Columbus, Ohio, Feasibility Study of a Cooperative Ohio/Federal Occupational Safety and Health (OSHA) Statistical Program (to be known as Project No. 3612-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$54,766.00.

3. Industrial and Other Research Contracts

- a. Edison Electric Institute, New York, New York, Stress Corrosion Cracking of Stainless Steels and Inconels (to be known as Project No. 3507-A1 - Ltr. dtd. 12/28/72 - Department of Metallurgical Engineering).  
Gross Value - \$300,000.00.
- b. AVCO Precision Products, Richmond, Indiana, Wind Tunnel Tests of Axisymmetric Wind Tunnel Shapes (to be known as Project No. 3587-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$13,548.00.
- c. University of Dayton, Research Institute, Dayton, Ohio, Providing Services to Air Force Flight Dynamics Laboratory (to be known as Project No. 3613-A1 - New - Department of Civil Engineering).  
Gross Value - \$2,750.00.
- d. The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, Evaluation Component of the Consolidated Emergency Medical Services System for Southeastern Ohio (to be known as Project No. 3614-A1 - New - Department of Preventive Medicine).  
Gross Value - \$121,956.00.
- e. The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, Education Component of the Consolidated Emergency Medical Services System for Southeastern Ohio (to be known as Project No. 3615-A1 - New - Department of Preventive Medicine).  
Gross Value - \$32,805.00.
- f. Centerville Public Schools, Centerville, Ohio, Audit Services to the Centerville Public Schools (to be known as Project No. 3617-A1 - New - Academic Faculty of Educational Development).  
Gross Value - \$5,000.00.

TOTAL - Industrial and Other Research Contracts \$476,059.00

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Control of Activity of Cardiac and Smooth Muscle (to be known as Project No. 874-N - Ext. #14 - Department of Physiology).  
Gross Value - \$20,404.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as Project No. 887-N - Ext. #14 - Department of Psychology).  
Gross Value - \$27,104.00.
- c. National Science Foundation, Washington, D. C., Photoelectric Spectrophotometry of X-Ray Sources, Non-Thermal Sources and Other Inhomogeneous Gaseous Nebulae (to be known as Project No. 2974 - Amend. #2 - Department of Astronomy).  
Gross Value - \$13,700.00.
- d. National Science Foundation, Washington, D. C., Analysis of Plateau Micrometeorological Tower Data: Final Study (to be known as Project No. 3029-A1 - Amend. #3 - Institute of Polar Studies).  
Gross Value - \$23,900.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Potentially Therapeutically Useful NAD Antagonists (to be known as Project No. 3351-A2 - Ext. #1 - Department of Chemistry).  
Gross Value - \$22,228.00.

TOTAL - Federal Research Grants \$107,336.00

5. Industrial and Other Research Grants

- a. The Deafness Research Foundation, New York, New York, Experimental Infection of the Ear--An Electron-microscopic Observation (to be known as Project No. 3161-A3 - Ltr. dtd. 12/11/72 - Department of Otolaryngology).  
Gross Value - \$10,000.00.

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- b. The Duriron Company, Inc., Dayton, Ohio, The Ductility of Alloy Castings (to be known as Project No. 3366-A1 - Ltr. dtd. 1/5/73 - Department of Metallurgical Engineering).  
Gross Value - \$12,000.00.
- c. The Deafness Research Foundation, New York, New York, X-Ray Microanalysis of Inner Ear Tissue (to be known as Project No. 3608-A1 - New - Department of Otolaryngology).  
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Research Grants \$32,000.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contract during the period January 5, 1973 through February 6, 1973.

1. Industrial Research Contract

EES 436X The Biodegradation of Disposable Diapers in Septic Tanks, Procter & Gamble Company, Cincinnati, Ohio.  
Gross Value - \$11,654.00.

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through December 31, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	18,585		\$ 422,326.00
Major Resources Group			
Major Individual Gifts	356	\$1,574,137.00	
Corporate Gifts	260	760,007.00	
Foundation and Non- profit Organiza- tion Gifts	<u>211</u>	<u>758,596.00</u>	
Total			<u>3,092,740.00</u>
Grand Total	19,412		<u><u>\$3,515,066.00</u></u>

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More

- a. \$59,078.49 from Comly Coleman Memorial Alcove, Columbus, Ohio, for literature for the College of Medicine.
- b. \$50,222.83 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
- c. \$32,000.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
- d. \$20,786.75 from Mr. Wilbert E. Chope, Coral Gables, Florida; \$12,905.50 for the Ophthalmologic Center and \$7,881.25 for the College of Engineering.
- e. \$20,000.00 from the Charitable Trust of Bertha T. Johnson, Columbus, Ohio, for purchase and preservation of books for the College of Law.
- f. \$18,000.00 from the Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for its scholarship fund.
- g. \$13,129.30 from Children's Hospital - Dispatch Charities, Columbus, Ohio, for scholarships in the College of Law.
- h. \$13,062.50 from Mr. Peter H. Edwards, Jr., Columbus, Ohio; \$7,000.00 for aid to student athletes and \$6,062.50 for the University Activities Center.
- i. \$13,020.00 from Mr. John Charles Martin, Worthington, Ohio, for assistance to the College of Administrative Science, Academic Faculty of Accounting.
- j. \$12,806.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.
- k. \$12,000.00 from the Estate of William H. Heimberger, Columbus, Ohio, for its fund for the Department of Metallurgical Engineering.
- l. \$10,960.63 from the Estate of Avaneil C. Stambaugh, Lima, Ohio, for research in the College of Optometry.
- m. \$10,550.00 from Bell Laboratories, Columbus, Ohio, for research in the College of Engineering.

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- n. \$10,500.00 from the Edgar W. Ingram Foundation, Columbus, Ohio: \$10,000.00 for the University Activities Center and \$500.00 for aid to student athletes.
- o. \$10,500.00 from Mead Johnson & Company, Evansville, Indiana: \$5,500.00 for support of the Eye Bank at the University Hospitals and \$5,000.00 for research in the College of Veterinary Medicine.
- p. \$10,264.36 from the Barnebey Foundation, Columbus, Ohio, for support of the Center in the School of Natural Resources.
- q. \$10,000.00 from Dollar Federal Savings and Loan Association, Columbus, Ohio, for the University Activities Center.
- r. \$10,000.00 from Payne Fund, Inc., Cleveland, Ohio, for research in the College of Education.
- s. \$10,000.00 from Porthouse Foundation Income Account, Kent, Ohio, for support for the University Activities Center.
- t. \$9,762.19 from Mr. Paul G. Eckelberry, Columbus, Ohio, for a purpose to be designated at a later date.
- u. \$8,113.60 from Dr. Bernard S. Snyder, Columbus, Ohio, for support of teaching and research in the College of Dentistry.
- v. \$7,943.45 from the Estate of Melvin E. Moffitt, San Antonio, Texas, to establish an unrestricted fund.
- w. \$7,412.50 from an anonymous donor: \$6,015.94 for support for the Rinhart Collection, \$698.28 for support for the College of The Arts, and \$698.28 for research in Dairy Science.
- x. \$7,013.00 from the Charles F. High Foundation, Bucyrus, Ohio, for its scholarship fund.
- y. \$6,763.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- z. \$6,003.75 from Mr. Robert M. Critchfield, Pontiac, Michigan: \$3,509.99 for the Fawcett Chair in Educational Administration and \$2,503.75 for the College of Engineering.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- aa. \$6,000.00 from Miles Laboratories, Inc., Elkhart, Indiana, for research in the College of Medicine.
- bb. \$5,868.75 from Mrs. Ethel B. Peterson, Cleveland, Ohio, for a purpose to be designated at a later date.
- cc. \$5,868.75 from Dr. James S. Reid, Hudson, Ohio, for support for the College of Medicine.
- dd. \$5,297.63 from Mr. and Mrs. Cyrus H. Sedgwick, Columbus, Ohio, for research in the College of Medicine.
- ee. \$5,130.00 from Mr. Edward E. Montgomery, Jr., Columbus, Ohio, for support of programs in the College of The Arts.
- ff. \$5,086.25 from Mr. James C. Donnell, II, Findlay, Ohio, for the Charles Austin Doan Chair in the College of Medicine.
- gg. \$5,000.00 from the Clow Foundation, Chicago, Illinois, for research in the College of Medicine.
- hh. \$5,000.00 from William P. and Pauline J. Deisel Scholarship Loan and Trust, Lima, Ohio, for its scholarship and loan fund.
- ii. \$5,000.00 from Grange Mutual Casualty Company, Columbus, Ohio, for scholarships in the College of Administrative Science.
- jj. \$5,000.00 from George Gund Foundation, Cleveland, Ohio, for aid for 4-H.
- kk. \$5,000.00 from Mrs. Grace M. Lawson, Buffalo Grove, Illinois, for scholarships and loans.
- ll. \$5,000.00 from Dr. Chester C. Winter, Worthington, Ohio, for research in the College of Medicine.

3. Gift-in-Kind

- a. A Douglas DC-3 aircraft from Wolfe Industries, Columbus, Ohio.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds

- a. \$10,000.00 from Mrs. Ervin H. Pollack for the establishment of The Ervin H. Pollack Memorial Scholarship Fund.

The Ervin H. Pollack Memorial Scholarship Fund

The Ervin H. Pollack Memorial Scholarship Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Ervin H. Pollack, M.A. '65, Columbus, Ohio, in memory of her husband, Ervin H. Pollack.

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

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Law who have demonstrated academic ability and 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 the 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 Dean of the College of Law.

- b. \$10,000.00 from Helen Hummell Sitterley and Kermit C. Sitterley for the establishment of The Helen H. and Kermit C. Sitterley Fund.

The Helen H. and Kermit C. Sitterley Fund

The Helen H. and Kermit C. Sitterley Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Helen Hummell Sitterley, B.S. '32, and Kermit C. Sitterley, B.S. '31, J.D. '33, Lancaster, Ohio.

The gift is 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 income or principal is to be used for the benefit of the College of Law as recommended by the Dean of the College of Law.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

b. The Helen H. and Kermit C. Sitterley Fund (continued)

Should the College of Law cease to exist, through any reorganization of the University, then the income or principal may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for law education.

c. \$1,000.00 from Howard N. Bullock for the establishment of The Guy H. Bullock Memorial Fund.

The Guy H. Bullock Memorial Fund

The Guy H. Bullock Memorial Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Howard N. Bullock, B.S. '40, J.D. '43, Columbus, Ohio, in memory of his father, Guy H. Bullock.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations 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 annual income is to be used to provide one or more scholarships for students enrolled in the College of Law.

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. In any year the Dean of the College of Law determines the income is not needed for scholarship purposes, he may designate the income for any other use which will be for the best interest of the College of Law and its student body.

Should the College of Law cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for law education.

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Improvements for the Handicapped - Phase III  
(Building Improvements - Elevator)

Phase I of the project provided for modification of curbs and building of access ramps throughout the campus. Phase II provided for the purchase of vans for transportation of the handicapped. Phase III will provide for elevators in high density use buildings which will be available to our handicapped students. This phase is concerned with the building improvements program. An elevator will be installed in Derby Hall to supply one part of these improvements.

Additional phases will be implemented including rest room modifications, raised door numbers, door lever type handles, and drinking fountain modifications.

Funds are budgeted in Account 801272 (Improvements - Handicapped).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VI. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - City of Columbus, Water Line North of Lane  
Avenue Adjacent to Olentangy River Road

The City of Columbus has requested an easement across University lands north of Lane Avenue adjacent to the Olentangy River Road to install a 24-inch water line. The City, with the installation of this water line, will provide the University with continuous loop water service and should service be interrupted from one direction, the University could obtain water from another direction.

President Enarson recommended that the granting of this easement for the installation of the 24-inch water line north of Lane Avenue to the City of Columbus be approved. It was recommended further that the President and/or Acting Vice President for Administrative Operations be authorized

March 2, 1973 meeting, Board of Trustees

VI. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Easement - City of Columbus, Water Line North of Lane Avenue Adjacent to Olentangy River Road (continued)

to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the easement to provide for the right-of-way for the installation of the 24-inch water line.

B. Easement - Substation Site - To Provide Additional Electricity to the Main Campus

On March 13, 1969, the Board of Trustees granted to the Columbus and Southern Ohio Electric Company a right-of-way easement for the construction of an underground line to bring additional power to the Campus. The University's power requirements now dictate the construction of a substation at the terminus of the easement granted on March 13, 1969.

The site of the substation will be located approximately 2,000 feet north of King Avenue and east of the dike on the east side of the Olentangy River. The substation will be constructed by the Columbus and Southern Ohio Electric Company.

President Enarson recommended that the granting of an easement for the substation site to the Columbus and Southern Ohio Electric Company be approved. It was recommended further that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the easement to provide for the substation site.

Upon motion of Dr. Sirak, seconded by Mr. Shocknessy, the above recommendations were approved by unanimous roll call vote.

\*

\*

\*

VII. RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Nelle A. Morris, Assistant Professor Emeritus in the College of Education, Academic Faculty of Early and Middle Childhood Education. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Nelle A. Morris

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 8, 1973, of Nelle A. Morris, Assistant Professor Emeritus in the College of Education, Academic Faculty of Early and Middle Childhood Education.

March 2, 1973 meeting, Board of Trustees

VII. RESOLUTION IN MEMORIAM (continued)

A. Nelle A. Morris (continued)

Miss Morris was born in Champaign County where she began teaching in 1907 at the age of eighteen. Combining teaching and learning, she earned a diploma from Ohio University in 1913 followed by Bachelor of Science and Master of Arts degrees from The Ohio State University.

Her teaching experience in Ohio schools spanned a period of 52 years and included rural schools, Athens, Toledo, and Columbus schools prior to joining the first staff of The Ohio State University Laboratory School in 1929 where she served with distinction until her retirement in 1959. She received from Pi Lambda Theta in 1961 an award for outstanding service to the cause of education and for unselfish devotion to the problems related to the professional growth of teachers.

Miss Morris' teaching responsibilities included primary school children and elementary education majors aspiring to become teachers of such children. Her patience, skill, sense of humor, and insight into the learning problems of early childhood made her a highly valued teacher, respected by colleagues, children, and their parents.

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.

\* \* \*

Mr. Eckley extended sympathy on behalf of the Board to Dr. Sira<sup>l</sup> on the recent losses in his family.

\* \* \*

VIII. REPORT

A. Report on the University's Investment Portfolio

The report dated March 2, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\* \* \*

March 2, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 6, 1973, at the Mansfield Campus of The Ohio State University, Mansfield, Ohio, at 10:30 a. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

Page 362 Blank

APPENDIX VII

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 16, 1973

Page 364 Blank

## The Recipient of Honors

PHILLIP R. SHRIVER

Doctor of Laws

*Educator, administrator, and historian*

We honor today one of Ohio's most distinguished educational statesmen. Noted educator, historian, and administrator, Phillip Raymond Shriver's commitment to the understanding and betterment of society has earned him national respect.

Leadership and accomplishment have been a habit for Phillip Shriver since his student days at Yale, Harvard and Columbia.

During the more than twenty-five years he has devoted to higher education in his native state of Ohio, Dr. Shriver has added immeasurably to the stature and quality of two major universities. His contributions as a member of the faculty and as an administrator at Kent State University led to his selection as the seventeenth President of Miami University.

His eight years at Miami have been characterized by growth and change in almost every dimension of the University. The Shriver imprint has enhanced the process of change. To growth he has added compassion, great personal dedication, and a sensitive awareness of the needs of students and faculty.

Dr. Shriver has also shared his many talents as well as his keen insights with the larger community. Among his many other recognitions, he is a trustee of the Ohio College Library Center, The Ohio Center for Leadership Studies and the Advisory Board of the Cincinnati Council on World Affairs. He is on the Executive Committee of the Council of Presidents of the National Association of State Universities and Land-Grant Colleges. He is a former chairman of Ohio's Inter-University Council. He is currently chairman of the Council of Presidents of the Mid-American Conference.

As further testimony to Phillip Raymond Shriver's leadership, service and dedication, The Ohio State University is proud to recognize his achievement of the highest ideals of scholarship and administration by conferring upon him the degree, Doctor of Laws, *honoris causa*.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and twelve candidates

Harrison Leslie Adams, Cleveland  
Ed.Mus.B. (Oberlin College); M.A. (California State College at Long Beach)  
*Dissertation*: Problems of Composing Choral Music for High School Use  
*Field of Specialization*: Music

Darlene Jean Alberts, London  
B.A. (College of Steubenville); M.A.  
*Dissertation*: King Hussein of Jordan: The Consummate Politician  
*Field of Specialization*: History

Mazen Yacoub Anastas, Baghdad, Iraq  
B.Sc. (University of Baghdad); M.S.  
*Dissertation*: A Visual Study of the Dynamics of Polymer Extrusion  
*Field of Specialization*: Chemical Engineering

Jason Philip Aronoff, Millville, N. J.  
B.A. (Kent State University); M.A.  
*Dissertation*: Friendship as Related to Communication and Task Performance in Selected Groups of Children Ages Three Through Seven  
*Field of Specialization*: Psychology

Emmanuel Victor Asihene, Kumasi, Ghana  
B.A. (University of Science and Technology, Ghana)  
*Dissertation*: Art Education Development and Curriculum Planning for National Development in Ghana  
*Field of Specialization*: Art Education

Evelyn M. Shifflett Barnes, Stanardsville, Va.  
B.S. (College of William and Mary); M.S. (Old Dominion University)  
*Dissertation*: The Effects of Using a Self-Instructional Module on Teacher Perceptions of the Attitudes and Values of Disadvantaged Inner-City Black Youth  
*Field of Specialization*: Education

Edward Barton Bell, Jr., Cleveland Heights  
B.A., M.A. (Miami University)  
*Dissertation*: The Choice of a Field of Study: A Study of Investment in Education  
*Field of Specialization*: Economics

Robert Raymond Bezdek, Corpus Christi, Tex.  
B.A. (Saint Mary's University, Texas); M.A.  
*Dissertation*: Electoral Oppositions in Mexico: Emergence, Suppression, and Impact on Political Processes  
*Field of Specialization*: Political Science

Margaret Berlin Blackman, Columbus  
A.B. (Miami University); M.A.  
*Dissertation*: The Northern and Kaigani Haida: A Study in Photographic Ethnohistory  
*Field of Specialization*: Anthropology

John Hemphill Bowman, Columbus  
B.S.Bus.Ad., M.A.  
*Dissertation*: Cost and Benefit Spillovers as Factors Affecting Local Taxation for Public Schools  
*Field of Specialization*: Economics

Michael Steven Broida, Bowling Green  
B.S., M.A. (Bowling Green State University)  
*Dissertation*: The Interaction Between Local Educational Efforts and State and Federal Subsidies  
*Field of Specialization*: Economics

James Edward Eugene Brooks, Columbus  
B.A., B.S.Bus.Ad., M.A.  
*Dissertation*: Structure of Myth in the Novels of Boris Vian  
*Field of Specialization*: Romance Languages

Curtis Franklin Brown, Jr., Columbus  
B.Sc. in Soc.Ad., M.Social Work  
*Dissertation*: Parents' Perceptions of Experiences Associated with Seeking Community Services for Their Preschool Age Retarded Child  
*Field of Specialization*: Social Work

Joe Herbert Brown, Jr., Worthington  
B.M.E. (University of Florida); M.S.  
*Dissertation*: Stability Analysis Methods for Friction Systems  
*Field of Specialization*: Engineering Mechanics

John Barclay Brown, Jr., Columbus  
B.S.E.E., M.S.N.E. (Iowa State College); M.S. (University of Michigan)  
*Dissertation*: Self Absorption Mossbauer Investigation of Neutron Activated Solid Krypton  
*Field of Specialization*: Nuclear Engineering

Ellen C. Buckeridge, Columbus  
B.S. (Siena Heights College); M.S. (Catholic University of America)  
*Dissertation*: A Survey of Science Teaching in the Public Secondary Schools of the New England, Mideast, and Southwest States of the United States  
*Field of Specialization*: Education

Robert Dale Burkett, Columbus  
B.S.Ed., M.A. (Bowling Green State University)  
*Dissertation*: The Use of Cladophora to Monitor Mercury Occurrence in Western Lake Erie Waters  
*Field of Specialization*: Zoology

Jon Terry Butler, Arlington, Va.  
B.E.E., M.Engr. (Rensselaer Polytechnic Institute)  
*Dissertation*: Networks of Two-Input One-Output Flexible Cells—A study of the Logical Properties and Techniques for Synthesizing Realizable Functions  
*Field of Specialization*: Electrical Engineering

Frederick Francis Campbell, Elmira, N. Y.  
B.A. (Saint Lawrence University); M.A.  
*Dissertation*: The Bavarian Army, 1870-1918: The Constitutional and Structural Relations with the Prussian Military Establishment  
*Field of Specialization*: History

James Anthony Cella, Columbus  
B.S. (Seton Hall University)  
*Dissertation*: Hydroquinone Alkylation and Ullman Reaction of 2-halocarboxylic acio anhydrides  
*Field of Specialization*: Chemistry

- Anne Louise Charette, Edmonton, Alta., Canada  
B.Ed., M.Ed. (University of Alberta)  
*Dissertation:* The Development of Social Perception:  
Age and Sex Differences on the Test of Social Inference  
*Field of Specialization:* Psychology
- Dhyaneshwar Chawan, Hyderabad, Andhra Pradesh, India  
B.Sc.Ag. (Andhra University, India); M.S. (University  
of Wisconsin)  
*Dissertation:* Effect of Bovine Lactal Immunoglobulins  
on Selected Viruses  
*Field of Specialization:* Dairy Technology
- Kenneth Frederick Connell, Columbus  
A.B. (Princeton University); A.M. (Miami University)  
*Dissertation:* An Evaluation of the Use of Management-  
By-Objectives Meetings as an Organizational Development  
Strategy  
*Field of Specialization:* Psychology
- Karen Dreier Cost, Columbus  
B.S.Med.Tech., M.S.  
*Dissertation:* Serum and Cellular Characteristics of a  
Biclonal Gammopathy in a Case of Chronic Lymphatic  
Leukemia  
*Field of Specialization:* Pathology
- Randolfo William Custodio, Piracicaba, Sao Paulo, Brazil  
Engr.Agr., M.S. (University of Sao Paulo)  
*Dissertation:* Growth and Egg Production as Effected by  
Genes at the *dc* Locus in Egg-Type Chickens  
*Field of Specialization:* Poultry Science
- Uttam Das Gupta, Kalyani, India  
B.Sc., M.Sc. (University of Kalyani); M.S.  
*Dissertation:* Studies on Mitochondrial Electron Transport  
*Field of Specialization:* Physiological Chemistry
- Dennis Calvin Deegan, Fort Lauderdale, Fla.  
S.B., S.M. (Massachusetts Institute of Technology)  
*Dissertation:* Stress-Corrosion Cracking of Steels in  
Liquid-Ammonia Environments  
*Field of Specialization:* Metallurgical Engineering
- Thomas Albert DeFanti, Columbus  
B.A. (Queens College); M.S.  
*Dissertation:* The Graphics Symbiosis System—An  
Interactive Mini-computer Animation Graphics Language  
Designed for Habitability and Extensibility  
*Field of Specialization:* Computer and Information Science
- Kenneth Leo Diemerjian, Columbus  
B.A. (Northeastern University); M.S.  
*Dissertation:* Photochemistry of Sulfur Dioxide-Butane-2  
Mixtures  
*Field of Specialization:* Chemistry
- Alfred Boyce Devereaux, Jr., Columbus  
B.S. (United States Military Academy); M.S.  
*Dissertation:* Investigations into the Feasibility of  
Employing a Hypothetical Panoramic-Frame Camera  
System in Aerial Triangulation  
*Field of Specialization:* Geodetic Science
- Margaret Marie Duber, Delaware  
B.A. (College of Steubenville); M.S.  
*Dissertation:* Chromosome Abnormalities, Sex Ratio, and  
Fertility in *Gallus Domesticus*  
*Field of Specialization:* Dairy Science
- Freeman Dee Eads, Waterloo, Ia.  
B.S.Ed. (Kansas State College of Pittsburg);  
M.S. (Wisconsin State University)  
*Dissertation:* Vocational-Technical Component of the  
Preservice Curriculum for Community College  
Administration  
*Field of Specialization:* Education
- Harry William Emrick, Columbus  
B.S. (United States Military Academy); M.S.  
*Dissertation:* Computation Techniques for Various Gravity  
Anomaly Correction Terms and Their Effect upon  
Deflection of the Vertical Computations for Mountainous  
Areas  
*Field of Specialization:* Geodetic Science
- Ching-Chiou Feng, Taipei, Taiwan  
B.S. (National Taiwan University); M.S.  
*Dissertation:* Analysis of Sonic Transducers  
*Field of Specialization:* Engineering Mechanics
- Ronald Philip Fisher, Queens Village, N. Y.  
B.A. (Queens College); M.A.  
*Dissertation:* An Examination of the Utilization  
Hypothesis as an Explanation of the Word Apprehension  
Effect  
*Field of Specialization:* Psychology
- Robert Louis Flachskam, Joliet, Ill.  
B.A. (Lewis College)  
*Dissertation:* Polyethylenimines: Their Structure,  
Basicity, and Bifunctional Catalytic Activity in a  
Hydrogen Exchange  
*Field of Specialization:* Chemistry
- Theodore Constantine Glanges, Youngstown  
A.B. (Princeton University); M.S., LL.B., M.A.  
(University of Michigan)  
*Dissertation:* Time-Dependent Learning and the Dynamic  
Demand of the Competitive Firm for Variable Factor  
*Field of Specialization:* Economics
- Willie Clayton Glover, Columbus  
B.S.Ed. (Wilberforce University); M.A.  
*Dissertation:* Selected Effects of Individual and Group  
Counseling on Disadvantaged Elementary Pupils  
*Field of Specialization:* Education
- Stanley Melvin Goldstein, Columbus  
B.S. (City College of New York); M.A. (Columbia  
University)  
*Dissertation:* The Awareness of Psychological Causality  
with Regard to the Choice of Symptomatology in  
Childhood Psychopathology  
*Field of Specialization:* Psychology
- Vincent John Gonino, Columbus  
B.S.Ed.; M.Ed. (Ohio University)  
*Dissertation:* The History and Development of Huntington  
Memorial Outdoor Center, Raquette Lake, New York,  
State University of New York College at Cortland  
*Field of Specialization:* Physical Education
- Solon Joseph Guerrero, Columbus  
Licencia (Pontifical Catholic University of Javeriana,  
Colombia); M.A. (New York University)  
*Dissertation:* Structural and Individual Components of  
Change in a Brazilian Agricultural Situation  
*Field of Specialization:* Agricultural Economics and  
Rural Sociology

- Carolyn Irwin Hall, Iowa City, Ia.  
B.S.Ed. (Southern State College); M.A.  
*Dissertation*: The Effect of Amplified Elementary Science Reading Materials upon the Comprehension of Upper Grade Elementary School Children  
*Field of Specialization*: Education
- George David Hartman, Scranton, Pa.  
B.S. (University of Scranton)  
*Dissertation*: The Generation of Nitrenium Ions from Hydroxylamine Derivatives  
*Field of Specialization*: Chemistry
- Denis Francis Healy, Kettering  
S.B. (Massachusetts Institute of Technology); M.B.A.  
*Dissertation*: The Perceived Effect of Environmental Influences on Marketing Strategy in the 1970s  
*Field of Specialization*: Business Administration
- Kay Glazier Henzel, Lewisburg, Pa.  
B.S. (Bucknell University)  
*Dissertation*: Participation by Neighboring Cyclooctatetraenyl Groups in Solvolytic Displacement Reactions  
*Field of Specialization*: Chemistry
- Eloise Barnett Horton, Columbus  
B.S. (West Virginia State College); M.A. (Marshall University)  
*Dissertation*: An Experimental Study to Compare the Effectiveness of Two Methods of Group Counseling for Black Junior High School Students  
*Field of Specialization*: Education
- James Dean Howell, Hagerstown, Ind.  
B.S.A. (Purdue University); M.S.  
*Dissertation*: Large Farm Organization in East Central Ohio  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Joan Sill Huey, Somers Point, N. J.  
B.A. (Wittenberg University); M.S.  
*Dissertation*: Lichen Distribution and Succession on Selected Sites of Reclaimed Bituminous Strip Mines in Clearfield County, Pennsylvania  
*Field of Specialization*: Botany
- Ronald John Hunt, Athens  
B.S.Bus.Adm., M.A.  
*Dissertation*: The Social and Political Thought of David Ricardo  
*Field of Specialization*: Political Science
- Paul Edward Hurtubise, Columbus  
B.A., M.S. (University of Cincinnati)  
*Dissertation*: Studies of Membrane Immunoglobulin on Normal and Abnormal Lymphocytes  
*Field of Specialization*: Pathology
- Don Carl Hutcherson, Dallas, Tex.  
B.S.A.E. (Georgia Institute of Technology); M.S. (Southern Methodist University)  
*Dissertation*: Construction and Validation of Decision-Theoretic Models of Low-Level Piloting Navigational Behavior  
*Field of Specialization*: Industrial Engineering
- William Ideson Johnson, Worthington  
B.S. (University of Cincinnati); M.Ed. (University of Pittsburgh)  
*Dissertation*: Hermetic Alchemy as the Pattern for Schooling Seen by Ivan Illich in the Works of John Amos Comenius  
*Field of Specialization*: Education
- Robert Morrison Jordan, Columbus  
A.B. (Hiram College); M.S. (Western Reserve University)  
*Dissertation*: Associative Learning and Stimulus Discrimination in the Whirligig Beetle, *Dineutus Discolor* (Aube)  
*Field of Specialization*: Entomology
- Francis Michael Jungfleisch, Columbus  
B.S., M.S.  
*Dissertation*: Reactions of Methyl Substituted Diboranes and 2,2-Dimethyltetraaborane with Amine Bases  
*Field of Specialization*: Chemistry
- Helen Bearman Katz, Dayton  
B.S., M.A.  
*Dissertation*: The Relationship Between Aging and Performance in the Study of Allied Medical Science  
*Field of Specialization*: Education
- George Earl Kerns, Columbus  
B.S.Met.Engr. (Drexel Institute of Technology); M.S.  
*Dissertation*: Stress Corrosion Cracking in Gaseous and Aqueous Environments  
*Field of Specialization*: Metallurgical Engineering
- Jean Wootton Kincaid, Byesville  
B.S.Rest.Mgt., M.S.  
*Dissertation*: An Analysis of Selected Systems for Providing Food Service to Low-Income Elderly in Metropolitan Housing Centers  
*Field of Specialization*: Home Economics
- Gloria Wherry Dougherty Kinnaird, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Identification of Relationships between Organizational Climate Characteristics, Individual Characteristics, and Work Related Attitudes and Behaviors of School Psychologists  
*Field of Specialization*: Education
- Jean Katherine Kintgen, Urbana, Ill.  
B.S. (Saint Xavier College); M.S. (DePaul University)  
*Dissertation*: Developing Guidelines for Sequencing Curriculum Content for Career Advancement in Nursing  
*Field of Specialization*: Education
- Louis Henry Knipling, Jr., Columbus  
B.S. in C.E. (Carnegie Institute of Technology); M.S.  
*Dissertation*: The Cartographic Potential of Geostationary/Geosynchronous Satellites  
*Field of Specialization*: Geodetic Science
- Andrew Ivor Kohen, Columbus  
B.Ph. (Wayne State University); M.A. (Yale University)  
*Dissertation*: Determinants of Early Labor Market Success Among Young Men: Race, Ability, Quantity and Quality of Schooling  
*Field of Specialization*: Economics

- Satishchandra S. Kokrady, Bombay, India  
B.Sc., B.S.Tech., M.Tech. (University of Bombay); M.S.  
*Dissertation*: The Synthesis and Reactions of Acyclic  
Sugar Nucleoside Analogs  
*Field of Specialization*: Chemistry
- Kenneth Alan Kuenhold, Warren  
B. Engr. (Cornell University)  
*Dissertation*: The Viscosity of Dilute <sup>3</sup>He-<sup>4</sup>He Mixtures  
at Low Temperatures  
*Field of Specialization*: Physics
- Jeffrey Tsai-hwa Kuo, Taipei, Taiwan  
B.S. (Engr.) (National Taiwan University)  
*Dissertation*: Drag Reduction and Solution Studies of  
Aluminum Branched Chain Disoaps in Toluene  
*Field of Specialization*: Chemical Engineering
- Wayne David Lammie, Sharpsville, Pa.  
B.A. (Muskingum College); M.A. (University of  
Pittsburgh)  
*Dissertation*: Unemployment in the Truman  
Administration: Political, Economic and Social Aspects  
*Field of Specialization*: History
- William Michael Lay, Ellicott City, Md.  
B.Sc. in Sci. Engr. (Northwestern University); M.S.  
*Dissertation*: The Double-KWIC Coordinate Indexing  
Technique: Theory, Design and Implementation  
*Field of Specialization*: Computer and Information Science
- John Michael Lee, Columbus  
B.A. (California State College at Los Angeles); B.S., O.D.  
(Los Angeles College of Optometry); M.S.  
*Dissertation*: Trigger Feature Analysis of the  
Rabbit Visual Cortex  
*Field of Specialization*: Physiological Optics
- Kevin Patrick Lynch, Oxford  
B.S.Ed., M.A.  
*Dissertation*: An Investigation of the Effects of Rewarded  
and Non-Rewarded Verbal and Observational Learning  
on Specified Behaviors of Moderately Retarded Adults  
*Field of Specialization*: Education
- James Joseph Lyons, Kirksville, Mo.  
B.S. (Fordham University); M.A.  
*Dissertation*: The Retention of Ignored Information  
*Field of Specialization*: Psychology
- James Robert Males, Noblesville, Ind.  
B.S. (Pennsylvania State University); M.S. (Michigan  
State University)  
*Dissertation*: Ration Digestibility, Rumen Bacteria and  
Several Rumen Parameters in Sheep Born and Reared in  
Isolation  
*Field of Specialization*: Animal Science
- Joseph T. Mayhew, Kent  
B.S.Ed., M.A.  
*Dissertation*: A Comparative Study of the Ideal Roles of  
the Elementary Counselor and School Psychologist as  
Perceived by School Psychologists and Intern School  
Psychologists  
*Field of Specialization*: Education
- Donald Hudson McGee, Reynoldsburg  
A.B. (Capital University); B.D. (Evangelical Lutheran  
Theological Seminary); M.A.  
*Dissertation*: Psychological Needs and Vocational  
Maturity of Students in an Ohio Joint Vocational School  
*Field of Specialization*: Education
- Robert Henry Meisinger, Columbus  
B.S. (University of Illinois)  
*Dissertation*: Selected Molecular Mutations of  
Polyolefins  
*Field of Specialization*: Chemistry
- David Middlesworth, Columbus  
B.S., M.A. (San Jose State College)  
*Dissertation*: The Democratic Influence of Karl Renner  
in Austria  
*Field of Specialization*: History
- Philip Bartley Moore, Key West, Fla.  
B.S. in Ed. (Eastern Illinois University);  
M.A.T. (Miami University)  
*Dissertation*: Staffing Patterns in the Cooperative  
Extension Service  
*Field of Specialization*: Agricultural Education
- Paul Leroy Morris, New Concord  
B.S. (Muskingum College); M.A.  
*Dissertation*: Student Involvement in PTA Via the  
PTSA Concept  
*Field of Specialization*: Education
- Ralph Ivan Nazareth, Bombay, India  
B.S. (University of Bombay); B.Pharm. (Gujarat  
University); M.S.Pharm. (University of Michigan)  
*Dissertation*: A Physico-Chemical Investigation of the  
Action of Hypolipidemic Agents  
*Field of Specialization*: Pharmacy
- John Alexander Neff, Kettering  
B.S. (Ohio Wesleyan University); M.S.  
*Dissertation*: Detection of Maximal Length Binary Time  
Sequences in Additive Gaussian Noise: Application of  
Sequential Likelihood Ratio Detection  
*Field of Specialization*: Electrical Engineering
- James Robert O'Connor, Westerville  
B.S.Ed. (Ohio Northern University); M.S. (University  
of Wisconsin)  
*Dissertation*: Guidance Program Evaluation in 1970-1971  
—A Follow-up of its Effectiveness and Value in Ohio  
Schools  
*Field of Specialization*: Education
- Robert Jackson Oliver, Coronado, Calif.  
B.S., M.A., M.S. (Oregon State University)  
*Dissertation*: The Evaluation of an Eight Period Modified  
Block Schedule at the Coronado High School  
*Field of Specialization*: Education
- John Alan Pennington, Altona, Ill.  
B.A. (Pennsylvania State University); M.M. (University  
of Cincinnati)  
*Dissertation*: The Musical Peak Experience  
*Field of Specialization*: Music
- John Byron Pennington, Nashville, Tenn.  
B.S. (University of Alabama); M.S. (Virginia  
Polytechnic Institute)  
*Dissertation*: Investor Expectations: An Empirical  
Analysis of Sixteen Variables  
*Field of Specialization*: Business Administration

Carl Richard Perrin, Defiance  
B.A. (University of New Hampshire) ; M.Ed. (Rivier College)  
*Dissertation*: Discovery, Structure and Voice: An Approach to Teaching Composition  
*Field of Specialization*: Education

Danny Hughes Pogue, Sulphur Springs, Tex.  
B.A. (Texas College) ; M.Ed. (Texas Southern University)  
*Dissertation*: A Time Study of the Audio-Transcription Process  
*Field of Specialization*: Education

Patricia Barney Powell, Venice, Fla.  
B.A. (Kalamazoo College) ; M.A. (Case Western Reserve University)  
*Dissertation*: An Investigation of Selected Syntactical and Morphological Structures in the Conversation of Secondary Students after Two Years' Study of French  
*Field of Specialization*: Education

C. M. Ramakrishna, Bangalore, India  
B.Sc. (Hons) (University of Mysore) ; Diploma (Indian Institute of Science) ; M.Sc. (University of Louisville)  
*Dissertation*: Monte Carlo Analysis of the Radio Source Counts from the Ohio Survey at 1415 MHz  
*Field of Specialization*: Electrical Engineering

Donald Roger Redman, Wooster  
B.S.Agr., D.V.M., M.S.  
*Dissertation*: The Response of the Porcine Fetus Exposed to Porcine Enterovirus, Transmissible Gastroenteritis Virus or Parvovirus  
*Field of Specialization*: Veterinary Preventive Medicine

George Bruce Reed, Worthington  
B.S. in Civil Engr. (University of Alabama) ; M.S.  
*Dissertation*: Application of Kinematical Geodesy for Determining the Short Wave Length Components of the Gravity Field by Satellite Gradiometry  
*Field of Specialization*: Geodetic Science

Henry George Rennie, Toledo  
B.S.Bus.Adm., M.A.  
*Dissertation*: Aggregation Theory, Investment Behavior and Rational Lag Functions  
*Field of Specialization*: Economics

Fernando Rodriguez, Delaware  
B.S. (Columbia University) ; M.A. (New York University)  
*Dissertation*: The Art of Claude Simon: A Dual Perspective  
*Field of Specialization*: Romance Languages

Harvey Sanford Rosenberg, Columbus  
B.Ch.Engr. (Cooper Union) ; M.S.  
*Dissertation*: The Solubility of Mercury in Polar Gases  
*Field of Specialization*: Chemical Engineering

Sumita Roy, Ludhiana, India  
B.Sc. (University of Allahabad) ; M.Sc. (University of Baroda)  
*Dissertation*: Factors Related to the Adoption of Food Practices by Low Income Homemakers in the Expanded Food and Nutrition Education Program in Ohio  
*Field of Specialization*: Home Economics

Ronald Gordon Rule, Columbus  
B.E.E., M.S.  
*Dissertation*: The Dynamic Scheduling Approach to Automated Vehicle Macroscopic Control  
*Field of Specialization*: Electrical Engineering

George Sebouhian, Dayton  
B.A. (Murray State College) ; M.A. (Vanderbilt University)  
*Dissertation*: The Emersonian Idealism of Henry James  
*Field of Specialization*: English

David Shinar, Columbus  
B.A. (Hebrew University) ; M.A.  
*Dissertation*: Context Effects on Processing Strategies for Recognition of Rotated Forms  
*Field of Specialization*: Psychology

Richard Douglas Slack, Columbus  
B.S. (Bowling Green State University) ; M.S.  
*Dissertation*: Breeding Biology and Behavior of the Catbird (*Iumetella carolinensis*)  
*Field of Specialization*: Zoology

Kendrick Lewis Spooner, Greeley, Colo.  
B.S. (Michigan State University) ; M.A.  
*Dissertation*: Establishment of Process Variables for Formative Curriculum Workshop Evaluation  
*Field of Specialization*: Education

John Junior Stallard, Clinchport, Va.  
B.S., M.A. (East Tennessee State University)  
*Dissertation*: A Model for the Evaluation of the MDTA Skill Center Clerk-Stenographer Program for Appalachia  
*Field of Specialization*: Education

Shirley May Steele, Port Richey, Fla.  
B.S., M.A. (Columbia University Teachers College)  
*Dissertation*: Investigation of Simulation Techniques with Teachers in the Area of Child Health Nursing  
*Field of Specialization*: Education

Carol B. Stein, Johnstown  
B.A. (Lake Erie College) ; M.S.  
*Dissertation*: The Life History of *Amblema Plicata* (Say, 1817), The Three-Ridge Naiad (Mollusca: Bivalvia)  
*Field of Specialization*: Zoology

Jose Dimas Torres, Athens  
B.A. (Inter-American University of Puerto Rico) ; M.P.A. (Syracuse University)  
*Dissertation*: The Politics of Planning in Venezuela: A Case Study of the Roles of the Federation of Chambers and Associations of Commerce and Production Within the Planning Strategy for Development in Venezuela  
*Field of Specialization*: Political Science

William L. Trombetta, Mentor  
B.S. (Saint Joseph's College) ; M.B.A. (Temple University)  
*Dissertation*: A Comparative Study of the Performance of Black and White Gasoline Service Station Dealers Within a Franchising Environment  
*Field of Specialization*: Business Administration

Ting-Tsai Tseng, Detroit, Mich.  
 B.S. (Taiwan Provincial Cheng Kung University);  
 M.S. (New Mexico State University)  
*Dissertation*: Buckling of Elastic Fibers in a Composite  
 Plate with Viscoelastic Matrix  
*Field of Specialization*: Engineering Mechanics

Duff Tucker, III, Rochester, N. Y.  
 B.A. (College of Wooster); M.A. (Kent State University)  
*Dissertation*: A Study of Behavioral Density in  
 Interpersonal Networks  
*Field of Specialization*: Sociology

Jane Yem Ying Fong Waldo, Columbus  
 A.B. (Mount Union College); M.A.  
*Dissertation*: Cognitive Complexity and Interpersonal  
 Perception: A Content Analysis of College Students'  
 Common-Sense Personality Descriptions with Emphasis  
 on Interpersonal Sensitivity  
*Field of Specialization*: Psychology

Connie Ruth Warren, Cleveland  
 B.S., M.S.  
*Dissertation*: A Comparative Study of Cost-Benefit  
 Analysis Results Using Different Measures of Prior  
 Earnings  
*Field of Specialization*: Education

William Sprigg Webster, Worthington  
 A.B. (Oberlin College); D.V.M.; M.S. (Wake Forest  
 University)  
*Dissertation*: Experimental Aortic Intimal Thickening  
*Field of Specialization*: Veterinary Pathology

Alan Cranston Williams, Columbus  
 B.S.Ed., M.A.  
*Dissertation*: Model for Meeting Continuing Education  
 Needs of Ohio Insurance Agents  
*Field of Specialization*: Education

Peter Garrett Yackel, Worthington  
 A.B., M. of Ed. (Wittenberg University); M.A.  
*Dissertation*: The Original Criminal Jurisdiction of the  
 Superior Courts of Judicature of Colonial Maryland,  
 New York and Massachusetts  
*Field of Specialization*: History

Carol Elizabeth Young, Louisville, Ky.  
 B.A. (University of Louisville); M.S.  
*Dissertation*: Design and Implementation of Language  
 Analysis Procedures with Application to Automatic  
 Indexing  
*Field of Specialization*: Computer and Information Science

Donald Paul Zingale, Columbus  
 B.S. (Brooklyn College); M.S. (University of  
 Massachusetts)  
*Dissertation*: A History of the Involvement of the  
 American Presidency in School and College Physical  
 Education and Sports During the Twentieth Century  
*Field of Specialization*: Physical Education

Ronald L. Zishka, Columbus  
 B.A. (Capital University); M.A. (Western Reserve  
 University)  
*Dissertation*: The Consensus of Clergy Role Task  
 Expectations and Congregational Viability  
*Field of Specialization*: Sociology

## Master of Architecture

One candidate

Clifton Jay Macbeth, Elyria  
B.Arch. (California State Polytechnic  
College, San Luis Obispo)  
*Field of Specialization:* Architecture

## Master of Arts

One hundred and forty-nine candidates

John William Abegglen, Worthington  
B.S.Ed.  
*Field of Specialization:* Education

Peggy Ranier Ackley, Columbus  
B.S. (Morehead State University)  
*Field of Specialization:* Education

Dennis Ira Aig, Queens Village, N. Y.  
B.A. (Queens College)  
*Field of Specialization:* English

Mark Edward Aljian,  
Cliffside Park, N. J.  
B.A. (Roanoke College)  
*Field of Specialization:* Psychology

Carmen Caridad Alvarez,  
Rockford, Ill.  
B.Mus. (University of Cincinnati)  
*Field of Specialization:* Music

Marshall D. Amesquita,  
Palos Hills, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Education

Vicki Grant Axe, Philadelphia, Pa.  
B.Mus.Ed. (Temple University)  
*Field of Specialization:* Music

Geoffrey Lyle Bachert, Columbus  
B.A.  
*Field of Specialization:* Education

Dennis Clifford Bahmer, Jr.,  
Newcomerstown  
B.S.Agr.  
*Field of Specialization:* Education

Linda Lewis Ball, Sandusky  
B.S.Ed.  
*Field of Specialization:* Education

Curtis Grant Balsler, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Robert Alan Barcus, Cleveland  
B.A.  
*Field of Specialization:* Psychology

Christina Minzer Basinger, Columbus  
B.S.Ed. (Bluffton College)  
*Field of Specialization:* Education

Ronnie Michael Bell, Woodstock, Ga.  
B.A. (Georgia State College); B.A.  
(Lee College)  
*Field of Specialization:* Music

John Kodzo Benissan, Accra, Ghana  
Diploma (University of Ghana)  
*Field of Specialization:* Dance

Helen Bond Berk, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Victoria Leslie Berk, Columbus  
B.A. (Transylvania College)  
*Field of Specialization:* Education

Betty Pugh Berry, Lucas  
B.S.Ed. (Ashland College)  
*Field of Specialization:* Education

Roger Edmond Billingsley, Columbus  
B.A., B.S.Ed.  
*Field of Specialization:* Education

Suzanne Pratt Birch, Delaware  
B.S. (State University of New York  
at Cortland)  
*Field of Specialization:* Education

David Hugh Blombach,  
Fort Wayne, Ind.  
B.A. (Michigan State University)  
*Field of Specialization:* English

Judith Presser Blott,  
Cleveland Heights  
B.S.Ed.  
*Field of Specialization:* Speech  
Communication

Bonnie Frances Boggs, Pickerington  
B.S.Ed.  
*Field of Specialization:* History

Kenneth Leroy Bonnell, Columbus  
B.A.  
*Field of Specialization:* Anthropology

Dennis Alan Booher, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Georgiana Hood Bowman, Columbus  
B.S.Ed. (Wilberforce University)  
*Field of Specialization:* Education

Rodney Dickinson Boyette,  
Raleigh, N. C.  
B.A. (University of North Carolina)  
*Field of Specialization:* Slavic  
Languages

Robert Evans Brumett,  
Springfield, Ill.  
B.A. (Millikin University)  
*Field of Specialization:* Philosophy

Dolores Brzycki, Philadelphia, Pa.  
B.A. (University of Pennsylvania)  
*Field of Specialization:* Slavic  
Languages

Michael James Burke, Columbus  
B.A.  
*Field of Specialization:* Journalism

Diane Lillian Cadrain,  
Cheshire, Conn.  
B.A. (Albertus Magnus College)  
*Field of Specialization:* English

Robert Boyd Carter, Indianapolis, Ind.  
A.B. (Earlham College)  
*Field of Specialization:* Journalism

Arthur Philip Chenoweth,  
Baltimore, Md.  
B.A. (Towson State College)  
*Field of Specialization:* History

Asdrubal Alfonso Chirinos,  
Maracaibo, Venezuela  
Lic. en Educ. (Universidad del Zulia)  
*Field of Specialization:* Public  
Administration

Carol Anne Christy, Marietta  
B.A. (Duke University)  
*Field of Specialization:* Political  
Science

Sue Ann Winters Cohen, Xenia  
B.A. (Wright State University)  
*Field of Specialization:* English

Linda Zoe Coppins, Columbus  
B.S. (Kent State University)  
*Field of Specialization:* Education

Lois Juillerat Covault, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Henri Deutsch, Scranton, Pa.  
A.B. (Temple University)  
*Field of Specialization:* Psychology

Christine Duffey, Annandale, Va.  
B.A. (University of Virginia)  
*Field of Specialization:* English

Jerry Thomas Duffey, Dayton  
B.A.  
*Field of Specialization:* History of Art

Tamara Taylor Ewing, Wapakoneta  
B.S.Ed.  
*Field of Specialization:* Education

Grace Maria Falcetta,  
Wethersfield, Conn.  
B.A. (University of Connecticut)  
*Field of Specialization:* Education

- \*Douglas Alan Ferguson, Lima  
*Field of Specialization: Speech Communication*
- David Paul Feyh, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Paul Gordon Fields, Columbus  
B.A. (American International College)  
*Field of Specialization: Journalism*
- David Lee Fleming, Urbana  
B.A. (Butler University); B.D. (McCormick Theological Seminary)  
*Field of Specialization: Education*
- Sotiria Anastasios Genoozis, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Donna Peter Gilbert, Columbus  
A.B., M.S. (University of Illinois)  
*Field of Specialization: Education*
- Anna Dorsey Givens, Frankfort  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Barbara Wilcox Glatfelter, Westchester, Ill.  
A.B. (University of Illinois)  
*Field of Specialization: Slavic Languages*
- Henrietta Lamar Goolsby, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization: Business Administration*
- Dennis Robert Grimm, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Frances Blastervold Guzman, Columbus  
B.A. (Luther College)  
*Field of Specialization: Journalism*
- Richard Arthur Harlow, Millersport  
B.S.Ed.  
*Field of Specialization: Education*
- Anna Levering Hartson, Fredericktown  
B.S.Ed. (Ashland College)  
*Field of Specialization: Education*
- Robert Lee Harvey, Jr., Columbus  
B.A. (Hampton Institute)  
*Field of Specialization: Education*
- Myra Nell Hayes, Prattville, Ala.  
B.A. (Samford University)  
*Field of Specialization: History of Art*
- Ursula Kolleck Heinz, Dayton  
B.A. (Wright State University)  
*Field of Specialization: German*
- Joel Paul Hermann, Columbus  
B.A. (Dana College)  
*Field of Specialization: English*
- Jose Luiz Hesketh, Rio de Janeiro, Brazil  
Diploma (Universidade Federal)  
*Field of Specialization: Psychology*
- Nancy Miller Hickman, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Public Administration*
- Joseph Frederick Hill, Belpre  
B.A.  
*Field of Specialization: English*
- Tom Lewis Hindes, Amherst  
B.S. (Miami University)  
*Field of Specialization: Education*
- Dennis Xavier Huelsman, Columbus  
B.S.  
*Field of Specialization: Education*
- Elaine Arrington Humphrey, Westerville  
B.S.Ed.  
*Field of Specialization: Education*
- Ralph David Jacobson, Malaga, N. J.  
B.S. (Albright College); M.C.P.  
*Field of Specialization: Education*
- Howard Glenn Jones, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Psychology*
- William Nohokai Kama, Dayton  
B.A. (University of Hawaii)  
*Field of Specialization: Psychology*
- Roger Jay Katz, University Heights  
B.A.  
*Field of Specialization: Philosophy*
- Mary Kenney Kelly, Columbus  
B.A. (Youngstown College); M.S. (Alfred University)  
*Field of Specialization: Education*
- James Lehr Kennedy, Needham, Mass.  
B.A. (College of Wooster)  
*Field of Specialization: Economics*
- Arthur Eaton King, Cincinnati  
A.B. (Middlebury College)  
*Field of Specialization: Economics*
- Gilbert Snowden King, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Donna Cecelia Kline, Phoenix, Ariz.  
B.A. (Arizona State University)  
*Field of Specialization: Philosophy*
- Dimitra Theophanopoulou Kontou, Athens, Greece  
B.A. (Athens University, Greece)  
*Field of Specialization: Linguistics*
- Clare Francis Kosbab, Blacklick  
B.S.Ed.  
*Field of Specialization: Education*
- Sherry Esposito Kuehne, Columbus  
A.B. (Augustana College)  
*Field of Specialization: Education*
- Stanley Michael Labuda, Lockbourne AFB  
B.S. (Xavier University)  
*Field of Specialization: Education*
- Susan Salisbury Lee, Columbus  
B.A. (California State College at Los Angeles)  
*Field of Specialization: Education*
- Mary Drue Lehmann, Lockbourne  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization: Speech Communication*
- Robert Jackson Leslie, Columbus  
B.S. (Ed.) (West Virginia University)  
*Field of Specialization: Speech Communication*
- Myran Elizabeth Lewis, Columbus  
B.A.  
*Field of Specialization: Speech Communication*
- Dale Edward Lichtblau, York, Pa.  
B.A. (North Carolina State University)  
*Field of Specialization: Philosophy*
- Patrice Koelsch Loose, Worthington  
B.A.  
*Field of Specialization: Philosophy*
- Will Ervin Marriot, Columbus  
B.S.Ed., M.Ed. (North Texas State University)  
*Field of Specialization: Education*
- Philip Michael Marsh, Springfield, Mo.  
A.B. (University of Missouri)  
*Field of Specialization: English*
- Jonpaul Rogers Martin, Leavittsburg  
B.A.  
*Field of Specialization: Psychology*
- Lynn Ann Masterson, Falls Church, Va.  
B.S. (Madison College)  
*Field of Specialization: Physical Education*

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

- Charles Ray McCall, Mount Vernon  
B.A. (Bethany Nazarene College);  
B.D. (Nazarene Theological  
Seminary); M. of Theo. (South-  
western Baptist Theological  
Seminary)  
*Field of Specialization: History*
- Mary Margaret Hogan McCanne,  
Columbus  
B.S. (University of Texas)  
*Field of Specialization: Education*
- Bernadette Hartley Merluzzi,  
Columbus  
B.S. (Central Connecticut State  
College)  
*Field of Specialization: Psychology*
- Juan Enrique Mezzich, Callao, Peru  
M.D. (Universidad Peruana)  
*Field of Specialization: Psychology*
- Gail Gottschling Morgan, Salem  
B.S. (Capital University)  
*Field of Specialization: Education*
- David Owen Nason, Chesterhill  
B.A.  
*Field of Specialization: Education*
- Millard Lynn Neal, Barnesville  
B.M., M.M. (University of Cincinnati)  
*Field of Specialization: Music*
- Beth Ann Volz Nold, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: Social Work*
- William Francis Noonan,  
Waterbury, Conn.  
A.B. (Assumption College)  
*Field of Specialization: English*
- Margaret Ann Novotny,  
Mountain View, Calif.  
B.A. (San Jose State College)  
*Field of Specialization: Psychology*
- William Wolff Nucklos, Canton  
B.S. (Bowling Green State  
University)  
*Field of Specialization: Psychology*
- William Eugene Oliver,  
Cheshire, Conn.  
B.A. (George Washington University)  
*Field of Specialization: Public  
Administration*
- David Kinney Osborne, Columbus  
B.A. (Hiram College)  
*Field of Specialization: Speech  
Communication*
- Julia Lou Osborne, Columbus  
B.A.  
*Field of Specialization: Speech  
Communication*
- Philip Raynor Osmon, Tiffin  
B.S.Phys.  
*Field of Specialization: Journalism*
- Alice Ann Parker, Sandusky  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*
- Eddie Lewis Parks, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Margie Ann Powell, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- William Linus Powell, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Beatrice Amzibel Quaranta, Columbus  
B.S.H.E.  
*Field of Specialization: Education*
- David Richard Risch, Columbus  
B.A. (Capital University); B.D.  
(Evangelical Lutheran Seminary)  
*Field of Specialization: Education*
- David Lee Rodriguez, East Sparta  
B.A. (Muskingum College)  
*Field of Specialization: Business  
Administration*
- Barbara Ruth Rollins, Springfield  
B.S.Ed.  
*Field of Specialization: Education*
- Judy Theresa Ruth, Bethlehem, Pa.  
A.B. (Muhlenberg College)  
*Field of Specialization: Political  
Science*
- Richard Elmer Saalfeld, Cincinnati  
B.A. (Athenaeum of Ohio); B.A.  
(Saint Joseph's College, Indiana)  
*Field of Specialization: Music*
- Robert Charles Schwartzman,  
Columbus  
B.A. (Wittenberg University)  
*Field of Specialization: Journalism*
- Charles David Schweickart, Columbus  
B.S. (University of Dayton); Ph.D.  
(University of Virginia)  
*Field of Specialization: Philosophy*
- Paul Edward Shaltry, Columbus  
B.A. Jour.  
*Field of Specialization: Journalism*
- Mark Allen Sherouse, Miami, Fla.  
B.A. (Florida State University)  
*Field of Specialization: Philosophy*
- Steven Alan Shull, Decatur, Ill.  
B.S. (Manchester College); M.A.  
(Ball State University)  
*Field of Specialization: Political  
Science*
- Melahna Miller Singer, Columbus  
B.F.A.  
*Field of Specialization: Education*
- Graciela Noemi Siri, New York, N. Y.  
Diploma (University of El Salvador)  
*Field of Specialization: English*
- Edwin Harry Sroka, Berea  
A.B. (Case Western Reserve  
University)  
*Field of Specialization: Romance  
Languages*
- Robert Ray Stamper, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Sharon Irene Swain, Amanda  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Jonathan Leigh Tafel, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Alford Thompson, Columbus  
B.S. (Bluefield State College)  
*Field of Specialization: Education*
- Margaret Mary Timmons,  
Syracuse, N. Y.  
B.S. (Saint Lawrence University)  
*Field of Specialization: Psychology*
- John Edwin Toms, Columbus  
B.S.Bus. Adm.  
*Field of Specialization: Education*
- Margaret Cecelia Toukonen, Jefferson  
B.S.Ed.  
*Field of Specialization: Education*
- Barbara Louise Towers, Columbus  
B.S.Ed. (Central State College)  
*Field of Specialization: Education*
- Robert Hugh Tripp, Metamora  
B.S.Ed.  
*Field of Specialization: Education*
- Irwin Larry Udell, Youngstown  
B.A.  
*Field of Specialization: Philosophy*
- Melvin Stephenson Ulm,  
Tallahassee, Fla.  
B.A., M.A. (Florida State University)  
*Field of Specialization: Philosophy*
- Dereen Carr Vanderlinde,  
Rochester, N. Y.  
B.A. (Denison University)  
*Field of Specialization: Education*
- Janet Lee Sampson Vizcarrondo,  
Columbus  
B.A.  
*Field of Specialization: Journalism*

Linda Thomas Volkmar, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Marsha Lockhart Walker, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Janice Bruckner Ward, Columbus  
B.A. (Lake Forest College)  
*Field of Specialization:* English

Allan Lee White, Columbus  
B.A. (George Washington University)  
*Field of Specialization:* Geography

Roy Whitehead, Jr., Columbus  
B.S.Ed. (Central State University)  
*Field of Specialization:* Education

Diane Arvilla Wieland, St. Louis, Mo.  
B.S. (Saint Louis University)  
*Field of Specialization:* Education

DeAnna Lee Willeford  
B.A. (Adrian College)  
*Field of Specialization:* Education

Ralph Bernard Williams,  
Tallahassee, Fla.  
B.A. (Florida Agricultural and  
Mechanical University)  
*Field of Specialization:* Education

Joseph Kazimierz Winsen,  
Newcastle, Australia  
B.Com., M.Com. (University of  
Newcastle, Australia)  
*Field of Specialization:* Accounting

Janice Wilz Wise, Columbus  
B.S. (University of Illinois)  
*Field of Specialization:* Education

Christine Skrzypczak Wowczuk,  
Port Chester, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization:* English

Beth Joy Wyman, Lorain  
B.S.Ed.  
*Field of Specialization:* Education

Rebecca Martin Young, Millersburg  
B.S.Ed.  
*Field of Specialization:* Speech  
Communication

Clifford Herbert Zirkel, Columbus  
B.A. (University of Texas);  
B.Divinity (Southern Methodist  
University)  
*Field of Specialization:* Psychology

#### **Master of Business Administration**

Twenty-one candidates

Ronald Edward Boose, Newark  
B.S.Bus.Ad. (Bowling Green State  
University)  
*Field of Specialization:* Business  
Administration

John Hans Broehl, Worthington  
B.S. (University of Dayton); M.S.  
(Michigan State University)  
*Field of Specialization:* Business  
Administration

Murray Kingsley Chapple, Dayton  
B.I.E. (General Motors Institute)  
*Field of Specialization:* Business  
Administration

Thomas Lee Clark, Lebanon  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Robert Eugene Cribbs, Jr., Canton  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Terrance Paul Dorrington,  
Youngstown  
B.S. in B.A. (Youngstown State  
University)  
*Field of Specialization:* Business  
Administration

Jeffrey Duane Ford, Edgewood, Md.  
B.S. (University of Maryland)  
*Field of Specialization:* Business  
Administration

Robert William Lowry, Akron  
B.S.M.E. (University of Akron)  
*Field of Specialization:* Business  
Administration

Terry Wayne Malone, Columbus  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

David Randall May, Columbus  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Gary Edward Morin, Columbus  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Michael Bond Murray, Columbus  
B.C.E.  
*Field of Specialization:* Business  
Administration

John Russell Null, Canal Winchester  
B.S.M.E.  
*Field of Specialization:* Business  
Administration

Christine Louise Osterman, Minerva  
B.S. (Mount Union College)  
*Field of Specialization:* Business  
Administration

Richard Gary Pankuch, Lyndhurst  
B.A. (Ohio Wesleyan University);  
M.A.  
*Field of Specialization:* Business  
Administration

Maurice Albert Purcell, Jr., Creston  
B.S. (Purdue University)  
*Field of Specialization:* Business  
Administration

Wayne Eugene Roach, Jr., Columbus  
B.S.Ind.Mgr. (Purdue University)  
*Field of Specialization:* Business  
Administration

Kenneth Steven Shifrin, Cincinnati  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

Michael Allen Shope, Barberton  
B.S.Bus.Ad.  
*Field of Specialization:* Business  
Administration

William Douglas Turpin, Columbus  
B.S.  
*Field of Specialization:* Business  
Administration

Brian Yeager, Moscow, Pa.  
B.S. (University of Scranton)  
*Field of Specialization:* Business  
Administration

#### **Master of City Planning**

Nine candidates

Ross Smith Carlson, Jr., Columbus  
B.S.Ed.  
*Field of Specialization:* City and  
Regional Planning

James Rutherford Crawford,  
San Diego, Calif.  
A.B. (San Diego State College)  
*Field of Specialization:* City and  
Regional Planning

\* Also Master of Social Work, Graduate School

David George Dippold, Columbus  
B.S. (Bradley University)  
*Field of Specialization*: City and  
Regional Planning

Francis Edward Glatfelter, Jr.,  
Winter Park, Fla.  
B.A. (University of Florida)  
*Field of Specialization*: City and  
Regional Planning

Renee R. Magee, Kent  
B.A., M.B.A. (Kent State University)  
*Field of Specialization*: City and  
Regional Planning

David Cargill Marshall, Columbus  
B.A.  
*Field of Specialization*: City and  
Regional Planning

Susan L. Jenuleson Olson,  
Chagrin Falls  
B.S. (Michigan State University)  
*Field of Specialization*: City and  
Regional Planning

Dennis Simon, Pittsburgh, Pa.  
B.A. (University of Pittsburgh)  
*Field of Specialization*: City and  
Regional Planning

Thomas David Tyson, Columbus  
B.S.C.E.  
*Field of Specialization*: City and  
Regional Planning

#### Master of Fine Arts

Two candidates

Rebecca Benson Burke, Flint, Mich.  
B.A. (University of Guam)  
*Field of Specialization*: Fine Arts  
(Painting)

Linda Louise Wesemeyer, Grafton  
B.S.H.E.  
*Field of Specialization*: Theatre

#### Master of Science

One hundred and twenty candidates

Douglas Alexander Andrews,  
Port Clinton  
B.S. (Bowling Green State  
University)  
*Field of Specialization*: Zoology

Philip Charles Badger, West Salem  
B.S.Agr.E.  
*Field of Specialization*: Agricultural  
Engineering

Timir Banerjee, Columbus  
M.B.B.S. (University of Calcutta,  
India)  
*Field of Specialization*: Anatomy

Gary Walter Bauer, Sunbury  
B.S.Agr.  
*Field of Specialization*: Agricultural  
Education

Anne Parsons Blaisdell, Columbus  
B.S. (Michigan State University)  
*Field of Specialization*: Microbiology

James Harold Boardman,  
Rapid City, S. D.  
B.S. (Mc Gill University, Canada)  
*Field of Specialization*: Computer and  
Information Science

Michael Robert Bolton, Columbus  
B.S.Ed.; M.Ed. (University of  
Cincinnati)  
*Field of Specialization*: Natural  
Resources

Ronald Wayne Bolton, Louisville, Ky.  
B.S.  
*Field of Specialization*: Microbiology

Sandra Corbin Bradbury, Columbus  
B.A. (Central Methodist College)  
*Field of Specialization*: Allied  
Medicine

Arthur William Browning, Columbus  
B.S.  
*Field of Specialization*: Geology

Robert Jeffery Bux, Wadsworth  
B.S.M.E.  
*Field of Specialization*: Mechanical  
Engineering

Paul Allen Catlin, Beaver, Pa.  
B.S. (Carnegie-Mellon University)  
*Field of Specialization*: Mathematics

Gary Robert Catzva, Greenbelt, Md.  
B.S. (University of Maryland)  
*Field of Specialization*: Computer and  
Information Science

Jagdeep Singh Chahal,  
Amritsar, India  
B.Tech. (Indian Institute of  
Technology)  
*Field of Specialization*: Computer and  
Information Science

Anne Underwood Chase, Columbus  
B.A. (College of Wooster)  
*Field of Specialization*: Agricultural  
Economics and Rural Sociology

Fu-Mei Alice Chuang, Taipei, Taiwan  
B.S. (Fu Jen Catholic University)  
*Field of Specialization*: Allied  
Medicine

James Allen Daley, Grove City  
B.S.Agr.  
*Field of Specialization*: Agricultural  
Education

Ronald Jan DeHaas, Youngstown  
B.S.  
*Field of Specialization*: Geology

Paul Denis de Verteuil,  
Arima, Trinidad  
B.S. (University of the West Indies)  
*Field of Specialization*: Civil  
Engineering

Herbert William Dornbush, Jr.  
Columbus  
B.S. (Case Western Reserve  
University)  
*Field of Specialization*: Electrical  
Engineering

Frank Arthur Eischen, Fort Recovery  
B.A. (Ohio Northern University)  
*Field of Specialization*: Entomology

Jacob Merle Eshler, Jr., Canfield  
B.S.I.E.  
*Field of Specialization*: Industrial  
Engineering

Hu-Mei Lin Feng, San-Chung, China  
B.S. (National Taiwan University)  
*Field of Specialization*: Chemistry

Andrew Fetzek, Columbus  
B.S.  
*Field of Specialization*: Horticulture

Lawrence Howard Flores,  
San Antonio, Tex.  
B.A. (Saint Marys University, Texas)  
*Field of Specialization*: Nuclear  
Engineering

\*James Louis Fogle, Columbus  
*Field of Specialization*: Electrical  
Engineering

Marsha Reiss Folger, Columbus  
B.S.  
*Field of Specialization*: Microbiology

Charlette Rae Gallagher,  
Henessey, Okla.  
B.S. (Oklahoma State University of  
Agriculture and Applied Science)  
*Field of Specialization*: Allied  
Medicine

David Malcolm Galton, Nunda, N. Y.  
B.S.Agr.  
*Field of Specialization*: Dairy Science

\* Also Bachelor of Electrical Engineering,  
College of Engineering

- Lana Hamler Giehl, Groveport  
B.S.H.E.  
*Field of Specialization: Home Economics*
- James Harry Gilsdorf, Canton  
D.D.S.  
*Field of Specialization: Dentistry*
- Thomas Ray Graumlich, Fostoria  
B.S. Food Tech.  
*Field of Specialization: Horticulture*
- Sally Margaret Gravely,  
Brooklyn, N. Y.  
B.S. (Bluefield State College)  
*Field of Specialization: Microbiology*
- James Patrick Hadden, Columbus  
B.S.  
*Field of Specialization: Animal Science*
- George Alan Hanuschak, Youngstown  
A.B. (Youngstown University)  
*Field of Specialization: Statistics*
- Elsie Mae Burkey Hayes, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Howard Davis Hoffman,  
Highland Park, N. J.  
B.A. (Goddard College)  
*Field of Specialization: Animal Science*
- Dale Eugene Ihnat, Lowell, Mass.  
B.S. (Lowell Technological Institute)  
*Field of Specialization: Physics*
- Ronnie June Johnson, New Carlisle  
B.S.Agr.  
*Field of Specialization: Natural Resources*
- Stanley Edwin Johnson,  
Canal Winchester  
B.C.E.  
*Field of Specialization: Civil Engineering*
- Timothy Collins Johnson,  
South Yarmouth, Mass.  
B.S. (Worcester Polytechnic Institute)  
*Field of Specialization: Nuclear Engineering*
- Kenneth Thomas Kamenik,  
Perryville  
B.S.Agr.E.  
*Field of Specialization: Agricultural Engineering*
- Kwang Ho Kim, Choon Chun, Korea  
B.S., M.S. (Seoul National University)  
*Field of Specialization: Electrical Engineering*
- Jack Elliot King, Dayton  
D.D.S.  
*Field of Specialization: Dentistry*
- Carol Angela Klein, Montgomery, Ala.  
B.S. (Louisiana State University and Agricultural and Mechanical College)  
*Field of Specialization: Computer and Information Science*
- Edison LeRoy Klingler, LaFayette  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Muneendra Kumar, Hyattsville, Md.  
B.Sc., M.Sc. (Agra University, India)  
*Field of Specialization: Geodetic Science*
- Charles Henry LaHaie, Winooski, Vt.  
B.S. (University of Detroit)  
*Field of Specialization: Computer and Information Science*
- Rahim Abdul Mohamed Lakhoo,  
Mombasa, Kenya  
B.S. (University of Nairobi)  
*Field of Specialization: Geodetic Science*
- Robert Lee Lane,  
Fort Leavenworth, Kan.  
B.S. (Centenary College); B.S. (University of Missouri at Rolla)  
*Field of Specialization: Geodetic Science*
- David Spence Lee, Cleveland  
B.S. (Cleveland State University)  
*Field of Specialization: Mathematics*
- Doon Randolph Lee, Akron  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Ock Soon Lee, Seoul, Korea  
B.Pharm. (Ewha Woman's University, Korea)  
*Field of Specialization: Pharmacy*
- Ted Chiu Lee, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Agricultural Education*
- Kay Louise Lieby, Gibsonia, Pa.  
B.S.Nurs. (Capital University)  
*Field of Specialization: Nursing*
- Jung Liu, Bowling Green  
B.S. (National Taiwan University); M.A. (Bowling Green State University)  
*Field of Specialization: Mathematics*
- <sup>1</sup> Michael Carrol Long, Columbus  
*Field of Specialization: Metallurgical Engineering*
- Philip Marder, Maywood, N. J.  
B.S.  
*Field of Specialization: Microbiology*
- John Walter Mark, Houston, Minn.  
B.A. (Winona State Teachers College); M.Aerosp.Op.Mgt. (University of Southern California, Los Angeles)  
*Field of Specialization: Geodetic Science*
- Peter Maelyn Martin, Tallmadge  
B.S. (Case Western Reserve University)  
*Field of Specialization: Physics*
- Mark Vance Mayer, Cheyenne, Wyo.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- Merle Floyd McBride, Columbus  
B.M.E.  
*Field of Specialization: Mechanical Engineering*
- Robert Morris McCance, Jr., Sylvania  
B.S.Ed.  
*Field of Specialization: Natural Resources*
- Sister Kathryn McMenamin,  
Philadelphia, Pa.  
B.S. (Gwynedd-Mercy College)  
*Field of Specialization: Pathology*
- David Ward Metzdorf, Cleveland  
D.D.S. (Loma Linda University)  
*Field of Specialization: Dentistry*
- Allan Martin Michelson, Berea  
B.A. (Muskingum College)  
*Field of Specialization: Physiology*
- Don Robert Miller, Columbus  
B.A., D.D.S.  
*Field of Specialization: Dentistry*
- Keigo Minami, Piracicaba, Brazil  
B.S. (Universidade de Sao Paulo)  
*Field of Specialization: Horticulture*
- Nina Howard Modlin, Baltimore, Md.  
B.S. (Morgan State College)  
*Field of Specialization: Microbiology*
- Dario Mier Montoya,  
Bogota, Colombia  
Ingeniero Civil (Universidad Nacional de Colombia)  
*Field of Specialization: Civil Engineering*
- <sup>1</sup> Also Bachelor of Metallurgical Engineering, College of Engineering

- Robert Eugene Moose, Columbus  
B.S.  
*Field of Specialization: Geodetic Science*
- John Hobert Morrow, Xenia  
D.D.S.  
*Field of Specialization: Dentistry*
- Daniel Martin Mulder, Holland, Mich.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- Robert Richard Namay, Millbury  
B.S. (Ohio University); D.D.S.  
*Field of Specialization: Dentistry*
- David Edward Orin, McDermott  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Merle Davis Owdom, Solon  
B.S.  
*Field of Specialization: Mathematics*
- Mohammad Bashir Parekh, Karachi, Pakistan  
B.E. (University of Karachi)  
*Field of Specialization: Civil Engineering*
- Richard Joseph Parrish, Pittsburgh, Pa.  
B.A. (Saint Francis College)  
*Field of Specialization: Mathematics*
- Lance Edward Perryman, Pullman, Wash.  
D.V.M. (Washington State University)  
*Field of Specialization: Veterinary Pathology*
- Kevin Forbes Probst, Berwyn, Pa.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- Max Prola, Fairborn  
B.S. (University of Illinois)  
*Field of Specialization: Engineering Mechanics*
- Elizabeth Crall Rafferty, Reynoldsburg  
B.S.Ed.  
*Field of Specialization: Home Economics*
- Rosa Shine Raskin, Columbus  
B.S.  
*Field of Specialization: Microbiology*
- Richard Coe Reynolds, Madison, Wis.  
B.S.M.E. (University of Notre Dame)  
*Field of Specialization: Industrial Engineering*
- John Calvin Rice, Reedsville  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- David York Richardson, Columbus  
B.S. (University of Michigan)  
*Field of Specialization: Industrial Engineering*
- Dale Lloyd Robinson, Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Charles Millard Rose, Jr., Wilson, N. C.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Geodetic Science*
- \*John Allen Sarkett, Cleveland  
*Field of Specialization: Animal Science*
- Vasant Ramchandra Sarvate, Ujjain, India  
B.Sc. (Agra University); B.E. (University of Bombay)  
*Field of Specialization: Civil Engineering*
- Dale Richard Schaeffer, Kettering  
B.S. in Met.Eng. (University of Missouri)  
*Field of Specialization: Metallurgical Engineering*
- Edward Schillinger, Berkeley, Calif.  
B.S. (University of California, Berkeley)  
*Field of Specialization: Geodetic Science*
- Michael Ellis Segal, Cleveland  
B.S.  
*Field of Specialization: Mathematics*
- Anthony William Seizys, Philadelphia, Pa.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Geodetic Science*
- George N. Sfakianakis, Thessaloniki, Greece  
Diploma (Aristotelion University of Thessaloniki)  
*Field of Specialization: Radiology*
- Thomas Howard Shafer, Columbus  
B.S. (Duke University)  
*Field of Specialization: Natural Resources*
- Richard Thomas Simko, Painesville  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- William Brenner Simon, Columbus  
B.S.Agr.  
*Field of Specialization: Animal Science*
- Donna Jean Sprinkle, Hillsboro  
B.S.  
*Field of Specialization: Zoology*
- Randall Lee Steele, Cleveland Heights  
B.Met.E.  
*Field of Specialization: Metallurgical Engineering*
- Anthony K. Stevens, Salt Lake City, Utah  
B.S. (United State Air Force Academy)  
*Field of Specialization: Physics*
- Suzanne Marvin Strong, Reynoldsburg  
B.S.  
*Field of Specialization: Computer and Information Science*
- Leroy George Taft, Corning, N. Y.  
B.S.A. (University of Georgia)  
*Field of Specialization: Agronomy*
- Alfred Edward Taylor, Ashland, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Geodetic Science*
- Ronald Russell Teeter, Girard  
B.A.A.E.  
*Field of Specialization: Engineering Mechanics*
- Dennis Dunbar Terry, Chillicothe  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Lonnie Gene Thompson, Gassaway, W. Va.  
B.S. (Marshall University)  
*Field of Specialization: Geology*
- Theodore Ellsworth Tinsler, Columbus  
B.M.E.  
*Field of Specialization: Mechanical Engineering*
- Lawrence Wayne Torley, Wilton, Conn.  
B.S. (Dickinson College)  
*Field of Specialization: Physiology*

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

Charles Elliott Tuttle, Columbus  
B.A. (Trinity College); M.B.A.  
(New York University); B.S.Agr.  
*Field of Specialization: Dairy Science*

James Warner Wahl, Georgetown  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Ronald Eugene Webb, Kingston  
B.S.  
*Field of Specialization: Physiology*

Francine Kay Welty, Smithville  
B.A. (Yale University)  
*Field of Specialization: Dairy Science*

John Joseph Whalen, Tucson, Ariz.  
B.S.M.E. (University of Arizona)  
*Field of Specialization: Computer and  
Information Science*

John Thomas Whinnery, Columbus  
B.S.Agr.  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Bettie Keene White, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Mitchell Lee Yeary, South Charleston  
B.M.E.  
*Field of Specialization: Mechanical  
Engineering*

Lyoni Ta-An Yen, New York, N.Y.  
B.S. (University of Kentucky)  
*Field of Specialization: Industrial  
Engineering*

Pin-Pin Yin, Taipei, Taiwan  
B.S.Eng. (National Taiwan  
University)  
*Field of Specialization: Chemistry*

James Ralph Zettler, Jr., Hamilton  
D.M.D. (University of Kentucky)  
*Field of Specialization: Dentistry*

#### **Master of Social Work**

One candidate

\*James Rutherford Crawford,  
San Diego, Calif.  
A.B. (San Diego State College)  
*Field of Specialization: Social Work*

\* Also Master of City Planning, Graduate  
School

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### 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: Franklin P. Kilpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Ten candidates

Alan Barinholtz, Skokie, Ill.  
Mollie Elaine Brown, Kent  
Rochelle Frances Eisman, Dayton  
Barbara Perrin Foster, Columbus  
William George Harris, Mt. Vernon  
Marjorie Graham Easton Kistemaker, Columbus  
Alan Levey, Fairlawn, N. J.  
Nedra Lynn Pyles, Ontario  
Sharon Ruth Rosberg, Cincinnati  
Kenneth Paul Ross, Columbus

### Bachelor of Fine Arts

Twenty-seven candidates

Marcia Lynn Armstrong, Columbus  
Debra Lynn Bernstein, Glencoe, Ill.  
Brenda Ardel Brown, Columbus  
Clayne McCully Chase, Columbus  
Kathryn Alice Cleland, Columbus  
Nancy Aikens Craun, Columbus  
David James Dysart, Gahanna  
Janice Anne Elbert, Cleveland  
Michele Marie Elzay, Ada  
Jeffrey Winn Farmer, Columbus  
Laura Kimmins Florence, Marysville  
Pamela Kay Fricke, Cincinnati

Barbara Ann Levy, Youngstown  
Dennis Lee MacArthur, Defiance  
Bruce Alan Neylon, Euclid  
Ellen Perdicas, Buffalo, N. Y.  
Vinceena Jean Pianalto, Akron  
Mark Evans Purslow, Columbus  
Carolyn Diane Reinbolt, Fremont  
Renee Rodrigue Ryan, Columbus  
Michael Gordon Secrest, Cambridge  
Susan Elizabeth Sharkus, Solon  
Franz Frederick Spohn, Columbus  
Pamela Kandice Stephens, Columbus  
Ann Margaret Walker, Columbus  
Randolph Clark Warren, Briarcliff, N. Y.  
Douglas Peter Weaver, Rossford

### Bachelor of Music

Three candidates

Donald Graham Frank, Columbus  
Richard Clarence Lopez, Columbus  
James Alexander Paisley, 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 26

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Seven candidates

Matthew Jon Heller, Warrensville Heights  
Thomas Robert Mercier, Chambersburg, Pa.  
Gary Frederic Merrill, Valley Stream, N. Y.  
Ronald Eugene Myers, Canton  
John Robert Poling, Columbus  
Robert Bruce Schwallie, Cincinnati  
Charles Robert Verbanic, Newton Falls

### Bachelor of Science

Forty-three candidates

Campbell Blackburn Amos, Euclid  
Jean Acks Amos, Euclid  
Bruce Ronello Anderson, Columbus  
James Craig Arn, Kenton  
Regina Martin Carroll, Columbus  
Yat Sun Chiu, New York, N. Y.  
David Lee Clarkson, Gahanna  
Michael Joseph Colvin, Cincinnati  
Linda Susan Constantine, Parma  
Michael John Delphia, Columbus  
George Edward Fridrich, Bay Village  
Raymond Martin Gill, Avon  
Richard Allen Heiby, Celina  
James Edmund Hodsden, Baltimore  
Phillip Lawrence Hopper, Columbus  
Alice Dee Kanonchoff, Allison Park, Pa.  
Jo Ann Smith Kaufman, Johnstown  
Angelo Nick Klousiadis, Mansfield  
Joseph Stephen Koebel, Columbus  
Laurel Ann Koppelman, Cleveland Heights  
Glenn Arthur Koyl, Kaneohe, Hawaii  
Francis Xavier Lam, Columbus  
Gary Allen Luken, Columbus  
Eric George Marcus, Columbus  
Stephen Alan Meyer, Columbus  
Thomas Paul Miller, Wellsville  
Keith Gerald Morrow, Nassau, N. Y.  
Arthur Menelaus Pappas, Columbus  
Douglas E. Pollitt, Columbus  
Mary Ann Radike, Cincinnati  
Curtis Woodrow Ramey, Columbus  
Terry Dean Ryan, Newark  
Daniel Garvin Sayers, Columbus  
Samuel Schwarm, Jr., Galloway  
Jerry Dwight Sell, Columbus  
John Melvin Suffron, Columbus  
Thomas Joe Thompson, Columbus  
Gregory Edward Tolla, West Farmington  
Ervin Robert Tomas, Mayfield Village  
Glenn John Trippe, Copley  
Ronald Dean Winland, Pleasant City  
Thomas Nicholas Zanetos, Delaware  
Michael Melvin Zimmerer, Cincinnati

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Seventy-one candidates

Barbara Mae Albee, Columbus  
Molly Beesley, Lancaster  
Karen Marie Bell, Columbus  
Douglas Richard Blackburn,  
Wintersville  
Larry Eugene Blankenship, Columbus  
Charles Thomas Brewer, Columbus  
James Joseph Brockmeyer, Columbus  
Joel Christopher Broyles, Jr., Bedford  
Timothy M. Cardina, Akron  
Stephen Fraser Cherrington,  
Vienna, Va.  
Denise Krahl Clady, Columbus  
Rocky Alan Coss, Lockbourne  
Rosemary Gayle Cox, Columbus  
Hagar William Culverhouse,  
San Juan, Puerto Rico  
John Allen Curran, Columbus  
Jeffery Wayne Dade, Columbus  
Jean Marie D'Alicandro, Skokie, Ill.  
Janet Lynn Dight, Mansfield  
Dennis Francis Dittiaeur, Columbus  
Richard Holmes Donnell, Columbus  
Rita Bash Elwood, Columbus  
James Richard England, Columbus  
Steven Jerome Federle, Cincinnati  
George Allen Figula, Columbus  
James Patrick Flood, Columbus  
David Clarence Frederick, Kettering  
James Richard Fries, Jr., Columbus  
Martin Roy Goldsmith, Westerville  
Eugene J. Graf, Mt. Vernon  
John Richard Guroy, Willoughby  
Susan Ruth Harris, Wellston  
Patricia Eileen Healy, Cockeyesville  
Mary Jo Hlay, Columbus  
Deborah Pinkstaff Hollenbaugh,  
Columbus  
German Gerry Ioannides, Columbus  
Garfield Allan Jackson, Columbus  
Linda Lee Jacobs, Columbus  
William Albert James, Jr.,  
Worthington  
B.F.A. (Ohio Wesleyan University)  
Jane Susan Kaplan, Cincinnati  
Larry Allen Kertoy, Dillonvale  
Michael William Kessler, Columbus  
Joan Cheryl Kirschner, Youngstown  
Peter Alan Linsey, Mayfield Heights  
David Martin Lubin, Columbus  
Daniel Glenn Luster, Columbus  
Fritz Lynn McAllister, Columbus

Sharon Ruth McIntyre, Lyndhurst  
Patricia Arlene Metzner, Columbus  
James Allen Miley, Marion  
Cindy Lookabaugh Mountcastle,  
Columbus  
Joseph Stephen Newell, Bryan  
Donald Vincent Paglioni, Columbus  
David Craig Rankey, Columbus  
Lucinda Allison Reynolds, Columbus  
Robert Michael Richman,  
Queens Village, N. Y.  
Rochelle Paula Savren, Cleveland  
Thomas Clement Scherer, Columbus  
Jack Lee Shortlidge, Westerville  
James Paul Shumaker, Columbus  
Elizabeth Parry Stearns,  
West Orange, N. J.  
Thomas Gordon Stuckman, Columbus  
Nancy Louise Taylor,  
Fredericksburg, Va.  
Patricia Elizabeth Watson Turvey,  
Columbus  
Lynne Ellen Vermillion, Springfield  
Margaret Ann Wagner, Marion  
Gregory Glenn Ward, Columbus  
Dwight Edward Weber, Cincinnati  
Victoria Gay Webster, Springfield  
Sally Beckett Williams, Columbus  
David Ross Wilson, Kent  
Cynthia Carr Zenisek, Columbus

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor Arts

Six candidates

Frank Joseph Chesnik,  
Parma Heights  
Timothy Norbert Davis, Lima  
James Lee Morgan, Avon Lake  
James Anthony Potts, Columbus  
Eugene Lee Williams, Columbus  
William Roger Wright, Lima

### Bachelor Science

Twenty-three candidates

Gary Daniel Ball, Columbus  
Carol McKirgan Birska, Columbus  
Katherine Hoessly Cullinan,  
Worthington

Ellen Gibbs Fox, Columbus  
Carol Ann Goldsmith, Newark  
William George Hersman, Lexington  
Theodore Jay Kitsos, Euclid  
Linda Sue Lamb, Canal Winchester  
Daniel Paul Lammertse, Akron  
Gary Andrew Luzio, Newark  
Michael John McCracken, Ottawa  
Michael Richard Menett, Dayton  
David Vernon Miller, Lisbon  
Patricia Lou Miller, Avon Park  
Lee H. Newberg, University Heights  
David Richard Oxley, Jr., Newark  
Ivan Lee Reed, Mt. Sterling  
Jeffrey Allen Schiffel, Columbus  
Philip Howard Steiger, Spencerville  
Dale Randolph Talcott, Xenia  
Angela C. Tsai, New Philadelphia  
Larry Alan Valentine, Ashville  
John Zilka, Columbus

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

Two hundred and ten candidates

Christelle Claire Adams, Columbus  
Douglas Burdett Adams, Columbus  
Dennis Joseph Ahern, North Olmsted  
Diana Lynn Allen, Mt. Vernon  
Theresa Elizabeth Applegate,  
Columbus  
Suzanne Rose Armitage, Worthington  
Barry Howard Arons,  
Livingston, N. J.  
David James Aude, Lakewood  
Kurt James Ayers, Akron  
William Edward Bailosky, Elyria  
William Douglas Bangham, Columbus  
David Dwight Barnes, Columbus  
Donald Edward Bartholomew, Newark  
Braden Lee Basnett, Columbus  
John Paul Baughman, Columbus  
Greg Alan Bergman, Lorain  
Erick Noble Berquist, Columbus  
Carol Sue Bes-ey, Cincinnati  
Michael Douglas Betzler, Columbus  
Becky Sue Bishop, Zanesville  
Bonne Brynn Bishop, Columbus  
Patrick Joseph Bond, Columbus  
Robert Lee Bourne, Cincinnati  
Eric Dale Bowman, Columbus  
Helena Maria Buch, Lima  
John William Burlile, Gallipolis

Richard Craig Buurma, Willard  
Yvonne Robin Byrd, Bedford  
Erskine Monroe Caldwell, Troy  
Douglas William Campbell, Columbus  
James Ray Carroll, Columbus  
William Douglas Casey, Columbus  
Ilene Jane Center, Long Beach, N. Y.  
Bradford Emanuel Charnas, Columbus  
Brian Keng Chih Chau, Chicago Heights, Ill.  
Christine Lee Cole, Maumee  
Sheryl Leigh Cole, Oak Ridge, N. J.  
Carol Smith Colvin, Ulster Park, N. Y.  
Paul Whitely Conaway, Columbus  
James Robert Cook, Northville  
James Barton Couch, Archbold  
Samuel Richard Coulter, Worthington  
Martha Ann Crosby, Dayton  
Therese Elizabeth Cziraki, Akron  
Leslie Middleton Davis, New Carlisle  
Christine Louise DeGeorge, Ashtabula  
Donald Ian Delver, Cincinnati  
Dennis Joseph DeTillio, Columbus  
Siegfried Diener, Columbus  
Arthur John Doddato, Jr., Columbus  
W. Melville Dole, Columbus  
Joseph Edward Doodan, Columbus  
Diana Lee Douds, Columbus  
Philip Corwin Douglass, Worthington  
Thomas Frederick Ebbert, Columbus  
Jeffrey Neil Edwards, Bay Village  
Kerry Denise Eicher, Wadsworth  
\*Douglas Alan Ferguson, Lima  
Fredrick Lee Fisher, Columbus  
Robert Eugene Fitzgerald, Sylvania  
Emily Susan Fling, Hillsboro  
Dennis Lee Forman, Toledo  
Roy Elmer Fouch, Columbus  
Jeannette Lynn Fraser, Huntsville  
Sydney Leigh Friel, Zanesville  
David Ross Fuerman, Dover  
Bruce William Furnan, Cleveland  
Janet Suzanne Gable, Newton Center, Mass.  
Charlene Marie Gallucci, Parma Heights  
Granville Allen Gano, Wilmington  
Stephen Philip Gehres, Columbus  
Poppy Laurie Girtan, Washington C. H.  
Bernard Norbert Gosche, Columbus  
Harry Burton Graul, Heath  
Patricia Ann Greene, Columbus  
Larry Herman Gregory, Columbus  
Ivan Harold Groom, Columbus  
Nadine Taradash Groom, Columbus

Leonard Michael Guckenheimer, Columbus  
Gretchen Elaine Gudenkauf, Columbus  
John William Guendelsberger, Sandusky  
Diana Lynn Gujon, Bowling Green  
Janet Lee Gussett, Canton  
Catherine Ann Hammond, Elyria  
Robert Alan Harf, New York, N. Y.  
Jeffery Brent Hayes, Caldwell  
Patricia Ann Hayes, Columbus  
Margery Jill Hecht, Englewood, N. J.  
Elizabeth Wantuch Heeter, Sawyer AFB, Mich.  
Lindley Rose Heher, Bellbrook  
David Cyril Hemmelgarn, Worthington  
Steven Gary Herenlip, Merrick, N. Y.  
George Henry Herzog, Jr., Columbus  
David Joseph Hixon, Cridersville  
Dennis Charles Hooker, Columbus  
Janis Jo Hoover, Columbus  
Juliet Sarnoff Hyatt, Basking Ridge, N. J.  
Nancy Elizabeth Ihnacik, Cherry Hill, N. J.  
Richard Clarence Jarry, Nashua, N. H.  
Ronald Louis Jedlicka, Columbus  
James L. Johnson, Wheelersburg  
Jon Alan Jordan, Columbus  
Ako Kambon, Columbus  
John Arn Kelley, Columbus  
Linda Lou Kelley, Hillsboro  
William Joseph Kelly, Jr., Columbus  
Bruce Glenn King, Columbus  
Mark Burton King, Columbus  
Irene Joan Kiraly, Parma  
Frank Alexander Kovacs, Willowick  
Roger Stephen Kramer, Beachwood  
David Alan Kriegel, Lima  
Scott Elliott Lange, Columbus  
Elaine Marie Larotonda, Lima  
Robert Allan Lau, Amherst  
Mary Ann Lavery, Akron  
Clark Baker Lawrence, Columbus  
Dennis Herman Leebow, West Orange, N. J.  
Gary Joseph Levine, Columbus  
David Eugene Lewandowski, Toledo  
Mark Alan Lieberman, Canton  
James Michael List, Columbus  
Barbara Ellen Lockshin, Canton  
William Andrew Long, Columbus  
Gary Lynn Lowe, Coshocton  
Linette Fern Lowe, Ashtabula  
James Daniel MacQueen, Coshocton  
John Steven Majoras, Columbus  
Carolyn Elizabeth Maki, Worthington

Paul Allen Maron, Euclid  
David Bates Marshall, Dayton  
Larry Dale Marshall, Columbus  
Richard James Mastriana, Youngstown  
Donald James McCarthy, Gahanna  
Laurie Chun McEnery, Bedford  
Gary William Miller, Columbus  
Michael James Miller, Akron  
John Edward Monsour, Columbus  
Karen Beth Moser, Columbus  
Ronald David Neuman, Cincinnati  
Laura Ann Nicholl, Columbus  
Shelley Pat Nierenberg, Dayton  
Patricia Ann O'Connell, Westerville  
Charles Edwin Orcena, Marion  
Russell Lee Parker, Lima  
George Anthony Pellerite, Columbus  
Darko John Perovsek, Columbus  
Paul Elmer Perry, Somerset  
Donald Richard Plummer, Columbus  
Joan Ellen Politzer, Shaker Heights  
David Endsley Postle, Columbus  
Daniel James Poticny, Parma  
Norman Henry Prince, Columbus  
Peggy Dietz Probst, Mobile, Ala.  
Paul Karl Rainsberger, Mt. Sterling  
David Whitney Reeder, Newark  
William Arthur Riesenberger, Columbus  
Joel David Robertson, Granville  
Helen Anne Rodin, Fairborn  
Thomas Henry Rogowski, Portsmouth  
Holly Beth Roslow, Franklin Square, N. Y.  
Glenn Stephen Roush, Hillsboro  
Joseph Paul Rugola, Mt. Vernon  
Sally Ann Ryan, Columbus  
Valdemar George Sawczyk, Middleburg Heights  
John Edwin Scaggs, Columbus  
James Thomas Schlieper, Dayton  
Gwynn Nelson Schultz, Hilliard  
Steven Holmes Scott, Columbus  
David Edward See, Columbus  
Susan Kay Seibel, Mt. Sterling  
Sharon Ann Semko, Piscataway, N. J.  
Brian Lee Shack, University Heights  
Richard Keith Sheir, University Heights  
Betty Loveen Sherwood, Columbus  
Peter Daniel Skirbunt, Cleveland B.S.Ed.  
David Gary Sloop, Oceanside, N. Y.  
Laurie Gail Smeerin, Omaha, Neb.  
Kathleen Susan Smigel, New Philadelphia

\* Also Master of Arts, Graduate School  
1 Also Bachelor of Science in Education, College of Education

David Brian Smith, Franklin  
 Richard Charles Snodgrass, Columbus  
 Thomas George Stamos, Columbus  
 Jeffrey Alan Stana, Avon Lake  
 Frank Leonard Staniszewski,  
   Independence  
 Rachel Grischkan Stark, Columbus  
 Neysa Yvonne Stephens, Springfield  
 Jo Ann Stokes, Columbus  
 Steven Howard Stout, Columbus  
 Lois Ellen Strickling, Frankfort  
 Ralph Joachime Taylor, Columbus  
 Dennis Robert Temple, Columbus  
 Ellen Claire Tewes, Oak Ridge, Tenn.  
 Roger Martin Thomas, Columbus  
 Ronald Stewart Timen, Columbus  
 Karen Lee Tinkler, Columbus  
 Sharon Marie Toth, Columbus  
 James Dudley Van Hala,  
   Rocky River  
 Jane Louise Vovk, Columbus  
 Valerie Ann Diamond Wales,  
   Mt. Gilead  
 Stephen Charles Warren, Columbus  
 John William Watson, Hudson  
 Michael Dean Whetstone, Westerville  
 Philip Wilber, Toledo  
 Karen Lowell Williams, Columbus  
 Delores Wilson, Cincinnati  
 Colleen Woods, Maumee  
 William James Woolf, Jr., Columbus  
 Russell Allan Yantz, Deshler  
 Leslie Carl Zartman, Columbus  
 Kyle Wynn Zimmer, Columbus

#### **Bachelor of Science**

Twenty-three candidates

Brice Edward Abbott, Grove City  
 John Sanger Beedy, Jr., Cincinnati  
 James Charles Brown, Columbus  
 David Bruce Clouston, Homer  
 Kenneth Glenn Cook, Columbus  
 Maureen Annette Delphia, Columbus  
 Michael William Freeman, Columbus  
 Anthony Nicholas Gemma,  
   Youngstown  
 Katherine Reed Hartson,  
   Rocky River  
 William Charles Ihde, Strongsville  
 Stephen Allen Johnson, Columbus  
 Linda Sue Johnston, Columbus  
 David Jonathan Kuhn, Columbus  
 David Joseph Masek, Columbus  
 Jeanne Beth Philby, Columbus  
 Richard James Riestler, Grove City  
 Calvin Jay Smith, Westerville  
 Donald Erwin Solt, Akron  
 Michael Carl Sturges, New London  
 Mary Ellen Taylor, Dayton  
 Leland Kenneth Wells, Columbus  
 David Gregory Williams,  
   Fort Lauderdale, Fla.  
 Jeffrey Scott Yankow,  
   Hollywood, Fla.

Denise Thea Kontras, Columbus  
 John Patrick Kramer, Columbus  
 Barbara Ruth Levin, Toledo  
 Mary Louise Mariani,  
   Cuyahoga Falls  
 Linda Elaine Moore, Columbus  
 James Andrew Moskus, Columbus  
 Vicki Jean Krugh Nartker, Columbus  
 Michael James Needs, Euclid  
 Jon Donald Parsons, Columbus  
 Michael H. Pearson, Columbus  
 Frank Dyckman Scudder, III,  
   Columbus  
 James Christopher Shealy, Columbus  
 Edward George Watzel, Sandusky  
 Wayne Ernest Wolff, Valley City  
 Kathleen Ann Zinser, Columbus

#### **School of Journalism**

##### **Bachelor of Arts in Journalism**

Thirty-two candidates

Fusun Aklar, Columbus  
 Brian Emerson Albrecht, Cleveland  
 Barbara Glenn Allen, Bryan  
 Michael Anthony Baker, Miamisburg  
 Michael David Balduf, Columbus  
 Eric Phillip Bruce, Canton  
 Arthur Ray Dalglish, Columbus  
 Thomas Lynn Dusenbery, Columbus  
 George Martin Eberhart, Columbus  
 Rebecca Anne Ford, Columbus  
 Mark Houston Forman, Ashland  
 Steven Michael Frank, Columbus  
 Vivian Lois Freezman,  
   University Heights  
 Michael William Harden, Columbus  
 Patricia Lynn Howe, Worthington  
 Edward Sawyer Jimison, Granville  
 James Andrew Konkoly,  
   Maple Heights

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

One hundred and twenty-two candidates

William Dean Allman, Marion  
Richard Allen Ansinelli,  
Cape Coral, Fla.  
Roger Jack Bahm, Jr., Youngstown  
James Lee Baker, Bucyrus  
B.S. (Franklin University)  
Richard Anthony Baumer, Jr., Huron  
Clark Robert Bergerun,  
Los Altos Hills, Calif.  
Carol Deen Berman, South Euclid  
Erich Joseph Bernkopf,  
Bedford Heights  
John Francis Blank, Mt. Vernon  
B.A. (University of Dayton)  
Gary Lewis Bolus, Columbus  
Gerald Lee Bosh, Columbus  
Miguel Mauricio Bowen, Columbus  
Timothy Lee Brown, Wapakoneta  
Martin Alan Buchart, Columbus  
Carl Edward Buckmaster, Mansfield  
Michael Joseph Camporeale,  
Highland Park, Ill.  
Donald Francis Carmell, Jr.,  
Columbus  
Leroy Neal Carpenter, Columbus  
Greg Richard Carroll, Columbus  
James Francis Cerven,  
Franklin Square, N. Y.  
Terry Lee Cooper, Defiance  
William George Cornely, Marion  
Gary Jack Cross, Portsmouth  
Lenard Charles DeFilippo,  
Sheffield Lake  
Robert Paul Dlouhy, Brecksville  
Daniel Scott Dodson, Bellefontaine  
Peter Dudchenko, Lakewood  
Michael Dwight Dupler, Galion  
Donald Emmett Dury, Columbus  
Wayne Charles Eddleblute,  
Frazeysburg  
Ronald Browne Ellis, Youngstown  
Robert Allen Eschenauer,  
Broadview Heights  
James Butler Evans, Columbus  
Kathleen Lynne Evans, Mentor  
David Goodwin Fish, Mt. Pleasant  
Denis Carmen Fox, Shelby  
John Maurice Frederick, Cincinnati  
Donald Joseph Gallam, Sandusky  
Michael Beeghley Garber, Elyria  
B.A. (Adrian College)  
Jeff Robert Glassman, Columbus  
Charles Allan Gossett, Xenia  
Samuel John Graham, III, Columbus

Lance Blake Grether, Seven Hills  
James W. Grotewold, Wichita, Kan.  
Scott Elliott Holden, Cleveland  
Steven Harold Howard,  
Great Neck, N. Y.  
Paul Roger Howell, Columbus  
Randall Eugene Huffman, Bluffton  
Larry Marten Ike, Zanesfield  
B.S.Ed.  
Daniel Clifford Inskeep, II, Marion  
Robert James Irvine, Jr.,  
West Carrollton  
Leon George Johnson,  
Columbia Station  
Jonathan Michael Joublanc, Zanesville  
Jeffrey Norman Kahl, Toledo  
William John Kemerer, Columbus  
Douglas Allan Keough, Swanton  
Gregor Klipan, Jr., Cleveland  
Edmund Martin Konopka, Westlake  
Dale Clyde Landon, Columbus  
Jeffrey David Levy, Cincinnati  
Terence Logan, Cleveland  
Eric Dane Long, Latham  
James Herbert Long, Lowell  
Thomas Charles Main, Columbus  
Mark James Malatesta, Wapakoneta  
Richard Michael McNeil, Cincinnati  
Matthew Joseph Meier, Mt. Vernon  
Donald Graham Melrose, Grove City  
Terry Lee Mercier, Loudonville  
Nancy Ann Merritt, Columbus  
Jerry Lee Miller, Newark  
Norman Gene Miller, Cincinnati  
Jerry Paul Miner, Lima  
Roger Kent Morrison, Millersburg  
Joseph William Mundy, Grove City  
Phillip Eugene Myers, Harrod  
David Fritz Nelson, North Royalton  
Brad Alan Obenauf, Berlin Center  
Kennon Lynn Osburn, Mansfield  
James Lloyd Otis, Celina  
Donald Owen Palmer, Columbus  
David Milton Parke, Sidney  
Vivian Diane Patterson, Cleveland  
James William Payne, Columbus  
Leslie Howard Peterson, Wellington  
William Edward Peterson, Columbus  
Allen Wayne Porter, Burton  
Gary Charles Price, Avon Lake  
B.S.Agr.  
Raymond John Ramsey, Columbus  
Lawrence Paul Randles, Akron  
David Ellery Rapkin,  
Cleveland Heights  
Gary Reekson, Bayside, N. Y.  
Robert Bernard Riethman, Anna  
Leslie Alan Rinehart, Newark  
Robin Andrew Robine, Columbus

Jerald Lynn Robison, Columbus  
Franklin Theodore Roll,  
Reynoldsburg  
Gene Alan Rose, Reynoldsburg  
Carl Frederick Rowoldt, Canton  
James Sabat, Garfield Heights  
Donald Warren Schmidt, Worthington  
Dale Linn Scholl, Mansfield  
Joseph Michael Schurtz, Columbus  
John Stephen Simmers, Cleveland  
Charles Robert Snyder, Jr., Columbus  
Stephen Carl Southworth, Newark  
Burl Junior Stafford, Columbus  
Thomas Louis Theibert, Columbus  
Max Adolph Urfer, Weehawken, N. J.  
Michael Duane Van Sky, Kenton  
John Aloysius Walsh, Chardon  
Dale James Walters, Cleveland  
Roger Wallace Webb, Portsmouth  
William Wesley Weber, Columbus  
John August Weis, Leipsic  
Stephen Christopher Weitzel,  
Springfield  
Stanley Ray White, Kent  
Marilyn Kathleen Wiggenhorn,  
Dayton  
Robert Patrick Williamson, Toledo  
Trent Dee Wright, West Milton  
Robert Stephen Zangri, Chillicothe  
Joseph Theodore Zwayer, Columbus

### School of Social Work

#### Bachelor of Science in Social Welfare

Forty-three candidates

William David Bannerman,  
Avon Lake  
Marcene Root Bergeman, Fremont  
Barry Ivan Braverman, Columbus  
Judith Evelyn Burkhardt,  
Fairview Park  
Karen Sue Coder, Willard  
Kenneth Cohen, Des Plaines, Ill.  
Susan Beth Colangelo, Mansfield  
Sally Ann Conner, Youngstown  
Linda Evelyn Cooper,  
Cleveland Heights  
Michelle Kay Feess, Alliance  
Audrey May Ferrell, Columbus  
Elizabeth Jane Finan, Danville  
Janice Darlene George, Huron  
Ellyn Laura Goldstein, Atlanta, Ga.  
Cathy Dee Goodman, Evanston, Ill.  
Janet Louise Grieshop, Sidney  
Mark Stephen Hajjar, Huntsburg  
Mable Lee Holt, Columbus

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Carol Alicia Hook, Geneva  
Rosemary Curran Huffman, Columbus  
Marian Therese Jacques, Cincinnati  
Marilyn Pohlman Jewell, Columbus  
Marlene Ruth Kornreich, Beachwood  
Cheryl Barbara Kratky,  
Plainview, N. Y.  
Daniel Michael LaVile, Columbus  
Karen Snyder Long, Akron  
Sharon Elizabeth McConnell,  
New London  
Charles Walter McCoy, Columbus  
Debra Jane Mynhier, Shelby  
Colleen Elizabeth Patrick, Cincinnati  
Colleen Keane Readence, Toledo  
Andrea Marie Ridenour, Columbus  
Michele Renee Rogovin, Cambridge  
Sharon Barbara Sherman,  
Youngstown  
Christine Deichert Spriggs, Fremont  
Larry Clyde Straughter, Columbus  
Beth Steiner Ullery, Worthington  
Deanna Scholl Ward, Columbus  
Stephen Douglas Warren, Columbus  
Barbara Frances Warshaw,  
Atlanta, Ga.  
Donald Richard Wilka, Williston  
Mary Alice Banks Williams,  
Columbus  
Janet Lynn Zientek, Cincinnati

### Bachelor of Science in Agriculture

One hundred and two candidates

Terry Lee Baldwin, Defiance  
James Milton Bourne, Jr., Waynesville  
Lee Robert Braun, Botkins  
Paul Walter Breuer, Miamisburg  
Gerald Joseph Bumb, Alvada  
Angelo Rosario Cammarata,  
Willoughby  
Joseph William Carmen, Dayton  
Ralph DeWitt Coffman, Jr., Marietta  
William Allen Conklin, Ostrander  
Leonard Harry Conley, Cleveland  
Kevin Donald Corcoran, Chillicothe  
Leslie James Cotsamire, Bucyrus  
Joseph Ralph Crites, Wilmington  
Patrick James Cryan, Westerville  
Jerry L. Darbyshire, Lima  
Steven Curtis Davis, Xenia  
Lawrence Edward Deetz, III, Elyria  
Ronald Dean De Long, Van Wert  
David Vernon Dickman, New Bremen  
Michael Joseph DuBrul, Cincinnati  
Bruce Gale Dunn, Marietta  
Steven Martin Early, Alliance  
John David Ertl, Grafton  
Linford Nevin Falb, Dalton  
Sherry Dawn Felkner, Ostrander  
Bruce Richard Fillinger, Lockbourne  
James Robert Fletcher, Columbus,  
B.A.  
Daniel Lee Foos, Richwood  
Alan Thomas Franklin, Wakeman  
Thomas David Frew, Cadiz  
David Edward Geiger, Cincinnati  
Vincent Henry Geiger, Jr., Cincinnati  
Darrell Franklin Gerfen, Prospect  
Gary Donald Geroy, Columbus  
Frank Dennis Goodwill, Doylestown  
Daryl Dean Goodwin, Blanchester  
Gary Dean Graham, Ashley  
Stuart Lee Greenberger,  
Plainview, N. Y.  
Claudia Ellen Groth,  
Philadelphia, Pa.  
Gary Wayne Hannahs, Columbus  
Ernest Brooks Hatfield, Bethel  
Rex Edward Heath, West Liberty  
Daniel David Hoar, Lexington  
Brent Douglas Hunt, Barnesville  
Everett Lee Johnson, Crown City  
Richard Lee Johnson, Delaware  
Dennis Lynn Jordan, Tiffin  
Paul Reuben Kalb, Bucyrus  
Gerald Alan Kilbane, Parma  
Krista Louise Kinnamon, Crestline  
Scott Burton Kollman, Northfield  
Richard Patrick Latham, Plainfield

Michael Thomas Lee, Solon  
James Allen Leedy, Eaton  
Gregory Louis Leksan, Norton  
Paul Henry Libben, Port Clinton  
David Wayne Long, Delphos  
Larry David Lunceford, Vermilion  
Thomas Paul Mangeot, Dayton  
Ronald Eugene Martin, Marysville  
Monte Alan Mathews, Heath  
Myron E. Miller, Apple Creek  
William Charles Moore, Columbus  
Robert Leo Nypaver, Warren  
Wendy Julian Ostgaard,  
Milford Center  
Dean Arnold Parker,  
North Bloomfield  
Ronald Jay Reese, Rawson  
Ted Scott Renner, Dalton  
James Stephen Riel, Kettering  
Patrick Joseph Riley, Bedford  
Edwin Carl Rine, Wadhoning  
James Allen Rowe, Strasburg  
David Howard Samples, Gallipolis  
\*John Allen Sarkett, Cleveland  
Katherine Stein Sather,  
Meadville, Pa.  
Robert Louis Schlub, Springfield  
John Raymond Schnipke, Cloverdale  
Richard George Schweinfurth,  
Prospect  
Gene Henry Sefton, Cincinnati  
Lawrence Stephen Shaltry,  
Washington C. H.  
William Marshall Sharpe, Waterville  
Gerald Lee Shaw, Springfield  
John Franklin Shontz, Strasburg  
Gary Max Short, Archbold  
Michael William Siegrist, Dresden  
John Andrew Simons, Sidney  
Roger Wayne Smith,  
Canal Winchester  
Mark Richard Steiner, Rittman  
Kim Stevelt, Marysville  
Dennis Ellsworth Stryker, Bradford  
Douglas Irvin Swartz, Union  
Edwin Alan Throckmorton, Marengo  
Larry Martin Tietje, Deshler  
John Alexander Tkatschenko,  
Columbus, B.A.  
Pamela Ann Truscott, Birmingham  
Richard Lowell Van Tilburg, Celina  
Theodore R. Vartorella,  
Berlin Heights  
William Charles Wade, Farmdale  
Karen Ruth Wieder, Clifton, N. J.  
Eldon Dean Wigton, Sunbury  
Ernest Franklin Wise, Jr., Tiffin  
Robert Fisher Woodruff, Oxford

\* Also Master of Science, Graduate School

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Food Technology

Three candidates

Kenneth Leland Beck, Findlay  
Martha Wehr Eshler, North Lima  
Richard Lynn Houtzer, Lima

### Bachelor of Science in Natural Resources

Four candidates

Lawrence Marsh Davis, Columbus  
Mark David Johnson, Mt. Victory  
Donald Anthony Kronstein,  
Garfield Heights  
Michael Alan Loveman, Medina

### School of Home Economics

#### Bachelor of Science in Home Economics

Forty-four candidates

Susan Kathleen Abbott, Columbus  
Donna Beatrice Amditis,  
Boca Raton, Fla.  
Carol Louise Bender, Prospect  
Elaine Ann Brautigam, Sidney  
Linda Grace Brown, Nelsonville  
Judy Edna Carman, Columbus  
Pamela Fellows Chamanick, Columbus  
Sandra Shonkwiler Cindric, Columbus  
Patricia Scott Elam, Columbus  
Sandra Marie Eyring, Westlake  
Carol Ann Fisher,  
Canal Winchester  
Joanne Edmonds Fisher,  
Bernardsville, N. J.  
Nancy Marilyn Fisher, Worthington  
Barbara Kay Hendricks, Spencer  
Loyce Powell Hopkins, Columbus  
Sharon Stuekey Huber, Columbus  
Susan Owen Hupp, Chevy Chase, Md.  
Gail Bell Karam, Massillon  
Catherine Hackett Kirwin, McDermott  
Linda Smith Knight, Columbus  
Pamela Jay Lese, Hilliard  
Anita Marie Martina, Columbus  
Jackie Lee McIntyre, Worthington  
Laverne Blankenship Michel,  
Salem, Mo.  
Joan Abbott Motil, Worthington  
Gary Lee Ogg, Kettering  
Sandra Adams Ostgaard,  
Milford Center

Gloria Jean Pittenger, Reynoldsburg  
Karen Sue Powelson, Nashport  
Deborah Jean Ransdell, Cincinnati  
Martha Michelle Reed, Zanesville  
Nanette Ricer, Columbus  
Barbara Jane Semon, Parma Heights  
Bonnie Sue Singer, Columbus  
Lynn Kauth Stockert, Canton  
Carla Ann Strough, Columbus  
Karen Durigg Sturtz, Marion  
Linda Kay Tatka, Canton  
Marilyn Sloan Thompson, Dayton  
Marcia Rose Werley, Westerville  
Lois Ann Woltz, Waverly  
Linda Kay Wood, Kenton  
Brenda Lynn Yost,  
Berkeley Springs, W. Va.  
Carol Cheskewicz Yurek, Columbus

#### Bachelor of Science in Restaurant Management

One candidate

G. David Brundage, Wantagh, N. Y.

### Bachelor of Science Education

Three hundred and twenty-six candidates

Linda Beth Alberty, Cleveland  
Otto Thomas Albrecht, Jr., Columbus  
Carolyn Sue Allen, Worthington  
George Archie Allen, Jr., Columbus  
James William Allen, Sr., Columbus  
Linda Marie Amann, Dayton  
Ruth Immelt Anderson, Columbus  
B.S.Soc.Wel.  
Frank Martin Andrulis, Columbus  
Jerry Howard Arnholt, Jeromesville  
Cathy Sue Arnold, Columbus  
Rita Joan Arthur, Leesburg  
Richard Reginald Ashburn, Sandusky  
Karen Sue Atkinson, Cincinnati  
Norma Anne Babbist, North Canton  
Paul David Bahner, Harrison  
Miriam Bain, Columbus  
Joyce Boroski Baker, Columbus  
Marie Kristine Ballinger, Columbus  
Mary Kathleen Ballinger, Columbus  
Constance Elaine Ballmer, Columbus  
Sondra Elaine Baron, Shaker Heights  
William Andrus Barr, Westerville  
James Edward Bauder, Columbus  
Cynthia Ann Bellak,  
Honey Brook, Pa.  
Mary Jo Bender, Columbus  
Pamela Benke Bendig, Durham, N. C.  
Don Christopher Bianco, Columbus  
Marsha Sulayne Bitler, Lima  
Susan Smith Blackburn, Columbus  
Stephen Nolan Blake, Columbus  
Margaret Livingston Bland, Columbus  
Ted Joseph Borchers, Fort Loramie  
Anita Jean Bowman, New Carlisle  
Mary Clarke Boyle, Columbus  
Christopher James Brady,  
Laguna Hills, Calif.  
Susan Koelliker Brandstetter,  
Columbus  
Charlene Annette Brooks, Marion  
Carol Stidam Brown, Shelby  
Eileen Marcia Brown, Beachwood  
Jeri Lee Buckingham, Dublin  
Lanette Katherine Budz, Seven Hills  
Shirley Ackerman Burgett,  
Fredericktown  
Michael Howard Burroughs, Wyoming  
Mary Ellen Byrnes, Upper Sandusky  
Francisca Ann Cabrera, Columbus  
Scherrie Tope Capehart, Columbus  
Theodore Albert Capretta, Jr.,  
Columbus  
Michael Lee Casey, Gallipolis  
Lynn Elizabeth Cassell, Columbus

Mary Fisher Catanzaro, Columbus  
 Kim Diane Chlebisch, Independence  
 Mark Tanner Clark, Hudson  
 Daniel Schaffner Cody, Columbus  
 B.A.  
 Gary Stephen Cook, Wapakoneta  
 Susan Bruhn Cook, Columbus  
 Terrie Ferrell Cozart, Columbus  
 Cheryl Craven Craig, Bluffton  
 Karen Sue Crawford, Jackson  
 Charles Daniel Cunningham,  
 Columbus  
 Rebecca Sue Custis, Sabina  
 George Thomas Dalton, Columbus  
 Susan Elizabeth Daum, Hudson  
 Belinda Sue Davis, Plain City  
 Linda Kuhlwein Davis, Columbus  
 John Allard Dearing, Jr., Newark  
 Judith Cotterman Dearing, Newark  
 Mark Steven Denbow, Worthington  
 Barbara Joyce Deutch,  
 Floral Park, N. Y.  
 Debra Lee DiDomenico,  
 Washington C. H.  
 Barbara Jo Dillman, Bryan  
 Marsha Lamke Downey, Lima  
 John Daniel Drummond, Maumee  
 Paul Thomas Dunphy, Cincinnati  
 Sharon Marilyn Durchslag,  
 Buffalo, N. Y.  
 Phyllis Jean Durigg, Bucyrus  
 Michael John Dusenberry, Columbus  
 Jenny Jansen Ellis, Columbus  
 Gail Susan Emerman,  
 Cleveland Heights  
 Caris Woodward Eschenauer,  
 Columbus  
 Sharon Leta Esworthy, Newark  
 Darlene Marie Euretig, Euclid  
 Martha Cooperider Evans, Utica  
 Philinda Kay Ewing, Cambridge  
 Tina Marie Jaconette Fann, Columbus  
 James Fedorka, Columbus  
 Marvin Earl Feldner, Belle Valley  
 Bryn Colette Ferris, Loudonville  
 Laura Christine Fischer, Toledo  
 Constance Lee Fisher, Columbus  
 Cert.Grad.Dent.Hyg.  
 James Edmond Flinn, St. Marys  
 Carolyn Foster, Columbus  
 Frances Susan Franke, Bloomingdale  
 Ilene Robin Friedman,  
 Old Bethpage, N. Y.  
 Warren David Frindt, Cleveland  
 Judith Leblanc Frischen, Heath  
 Andrew Bryan Frowine, Portsmouth  
 Suzan Lesley Frumm, Skokie, Ill.  
 Vicky Louise Fullen, Xenia  
 Linda Burns Fulton, Columbus

Lawrence Albert Fuqua, Sandusky  
 Lana Ault Gandert, Edison  
 Peggy Ann Garison, Dayton  
 Dewey Arthur Garner, Columbus  
 B.S.Bus.Adm.  
 Jack W. Geckeler, Columbus  
 B.Sc. in Bus.Adm. (Franklin  
 University)  
 Mary Tullis Gibson, Shiloh  
 Enid Laurie Gilbert, New York, N. Y.  
 Karen Lee Glick, Mansfield  
 Amy Kronheim Goldman,  
 Shaker Heights  
 Gloria Ann Gongwer, Danville  
 Connie Marie Gossard, Harrod  
 Linda Marie Goubeaux, Versailles  
 Maureen Anne Grady, Wakeman  
 Ann Louise Gray, Bay Village  
 Ellen Jeanne Greene, Zanesville  
 Nena Ann Grimes, Troy  
 Julia Hiatt Guerra, Columbus  
 Gerald Sherman Gurney,  
 Cleveland Heights  
 Barbara Jean Gustaferrero,  
 Fairfax, Va., B.A.  
 Amy Fishbein Hagemann, Elgin, Ill.  
 John Ray Haley, Jackson  
 Shirley Jean Hammons, Mansfield  
 Wanda Incho Hancock, Bucyrus  
 Heidi Hildegarde Hansen,  
 Cleveland Heights  
 Julia Ann Hansen, Medway  
 Jacqueline Ruth Harper, Wilmington  
 Mary Lucille Hatten, Westerville  
 Nancy Lou Haury, Akron  
 Cynthia Alice Hayslett, Brookville  
 Elizabeth Wermer Heiby, Columbus  
 Bonnie Kay Heineman, Columbus  
 Marvin Walter Heitmeyer, Ottawa  
 Melvin Albert Heitmeyer, Ottawa  
 Linda Foust Heminger, Columbus  
 \*David Cyril Hemmelgarn,  
 Worthington  
 Patsy Stebelton Hendrix, Columbus  
 Peggy Marie Henson, Mansfield  
 Janet Tomsie Hicks, Columbus  
 Bobbie Lou High, Mansfield  
 Althea Beatrice Hill,  
 Washington, D. C.  
 Terry Wayne Hindenlang, Columbus  
 Terry Jo Hinton, Columbus  
 Donna Lochner Hixson, Columbus  
 Gail Ruth Hoffman, Akron  
 Randa Gail Holbrook, Chesapeake  
 Susan Fern Hurwitz,  
 University Heights  
 Patricia Adele James, Columbus  
 Jean Ann Johnson, Chagrin Falls

Michael Anthony Jolley, Columbus  
 Harry Eugene Jones, Cincinnati  
 Michael Evan Joseph, Beachwood  
 Mark Edward Kapel, Boston, Mass.  
 Lucille Frances Kasovic, Parma  
 Edward Francis Keating, Lima  
 Barbara Louise Keller, Bellaire  
 Jeanne Schelb Keller, Marion  
 Sharon Simon Kelm, Cincinnati  
 Eunice Shank Kenton, Shelby  
 James Allen Kerns, Jr., Brunswick  
 Patrick Grant Keys, Elyria  
 Karen Sue Kiene, Valley City  
 Nancy Elizabeth Kingsbury, Akron  
 Marjorie Kent Kinkead, Columbus  
 Nancy Kay Knight, Manhattan, Kan.  
 Mark Steven Komessar, Youngstown  
 Daniel Mark Kover, Columbus  
 Lynda De La France Kozar, Lorain  
 James Edward Kozman, Columbus  
 Virginia Augenstein Krider, Marion  
 George Kun, Columbus  
 John Robert Kuntz, Columbus  
 Barbara Lynn Lally, Columbus  
 Claudia Ruth Landon, St. Louis, Mo.  
 Gwen Humphries Landon, Columbus  
 Suella Thomas Landrigan, Columbus  
 Nancy Eileen Lange, Barberton  
 Janette Nancy Lask, Bay Village  
 Albert Laux, Plymouth  
 Brenda Dianne Lee, Galion  
 Thia Sanders Leo, Marengo  
 Sheryl Ann Rothkin Levin, Columbus  
 Linda Robin Levine, Scarsdale, N. Y.  
 Samuel H. Liebfreund, Groveport  
 Bonnie Esther Lifland, Norfolk, Va.  
 Deborah Mala Lindner, Cincinnati  
 Loren Hoagland Loving, Columbus  
 Diana Elizabeth Lownie, Columbus  
 Gregory Glenn Lucas, Columbus  
 Beverly Erwin Lynch, Columbus  
 Mary Jane Marley, Ashland  
 Mary Michele Matchette, Rocky River  
 Patricia Ann McCloy, Cincinnati  
 Cert.Grad.Dent.Hyg.  
 Loretta Seither McCollum, Columbus  
 Philip Rae McCrery, Columbus  
 Marsha Ann McKeag, Gahanna  
 Catherine Elliott McMillan,  
 Glenshaw, Pa.  
 Thomas Joseph Medaglia, Columbus  
 John Charles Medley, Shelby  
 Susan Fash Meier, Corvallis, Ore.  
 Susan Jane Menear, Columbus  
 Cheryl Parzingir Miller, Columbus  
 Kristina Baker Moder, Mansfield  
 Anna May Moeller, Fairview Park

\* Also Bachelor of Arts, Colleges of the  
 Arts and Sciences

Daniel Otis Moorhead, Findlay  
 Charles Dennis Morris, Newark  
 Elden Leroy Mullet, Columbus  
 B.S.  
 Donna Gail Mullins, Marion  
 Jane Frances Murphy, Lima  
 Fred Henry Naeve, Jr., Cincinnati  
 Debra Lane Nelson, Massillon  
 Gary Lee Nelson, Columbus  
 Randall Graham Nichols, Columbus  
 Timothy Eugene Norman, Columbus  
 Catherine Coulter Obermeyer,  
 Columbus  
 Penny Lou Ohms, Fremont  
 Philip Roe Osborn, Columbus  
 Cheryl Ann Pakish, Cleveland  
 Joan Reely Patterson, Marion  
 Michael Robbins Patterson, Columbus  
 Richard Lynn Patterson, North Lima  
 Sandra Buckey Paxton, Columbus  
 Lee Anthony Pealer, Columbus  
 Jeanne Eileen Peters, West Liberty  
 Kristine Kay Peters, Columbus  
 Rita Jean Phillips, Newcomerstown  
 Catherine Caruso Pinter, Lyndhurst  
 Constance Besecker Powell, Piqua  
 Sharon Noble Prentice, Columbus  
 Paula Virginia Price, Beverly  
 Sherry Wies Prine, McGuffey  
 Sharon Louise Pugsley, Lima  
 Patrick Joseph Purcell, Columbus  
 Thomas Edward Purtell, Leesburg  
 Nancy Susan Rab, Dayton  
 Carolyne Jo Ramseyer, Smithville  
 Donna Laurienzo Rano, Westerville  
 Susan George Rao, Columbus  
 Joyce Falter Rapp, Columbus  
 Gail Sue Rauchman, Cincinnati  
 Kathleen Ann Reilly, Minster  
 Terry Lee Rickel, Burbank  
 Elsie Leila Rife, Ypsilanti, Mich.  
 Sue Ellen Rinehart, Columbus  
 Bobbi Ilene Roach, Sidney  
 Katherine Biggs Roman, Mansfield  
 Judith Rosenfeld, Cleveland  
 Ellyse Tover Rosenthal,  
 Melville, N. Y.  
 Patricia Patrick Ross, Columbus  
 Richard Alan Ross, Columbus  
 Hillary Jean Roth, Cincinnati  
 Leila Pierce Russo, Columbus  
 Patricia Stimmel Rutherford,  
 Columbus  
 Sheryl Anne Ruzicka, Columbus  
 Connie Dietzel Ryan, Columbus  
 Sandra Anne Sandusky, Thornville  
 Patricia Anne Scherer, Cleveland  
 Joyce Rosenfeld Schiff, Columbus

Beverly Sue Schillings, Columbus  
 Jeffrey William Schleicher, Columbus  
 Kurt Norman Schmitt, Columbus  
 Helene Schwarz, Cleveland  
 Stephen Albert Scoles, Columbus  
 Pamela Kay Scott, Cincinnati  
 B.A.  
 James Edward Scowden, Columbus  
 Sue Ann Sears, Columbus  
 Marian Davis Sharp, Zanesville  
 Stephanie Lasch Shaw, Newark  
 Katherine Jo Shulak, Toledo  
 Susan Karas Sieben, Columbus  
 Judy Lynn Sigler, Cincinnati  
 Deborah Anne Simon, Parma  
 Eldon John Simpson,  
 Peace River, Alta., Canada  
 Linda Lou Simpson, Middletown  
 Terri Lynn Skurow, Cincinnati  
 Gary Eugene Smith, Willard  
 Nancy McClure Smith, Columbus  
 Shirley Maxwell Smith, Lexington  
 Pamela Ann Snavley, Sidney  
 David Allan Spain, Mansfield  
 Linda Jean Spillers, Columbus  
 Brenda Griffith Spurlock, Eaton  
 Jennifer Kimmel Staley, Lima  
 Felicity Shumway Steele, Columbus  
 Suzanne Fry Stewart, Columbus  
 Rebecca Jo Stitzlein, Dublin  
 Sarah Quinn Story, Columbus  
 Marguerite Anna Strauss, Columbus  
 Beverly Ann Strausser, Ravenna  
 Constance Jane Strong,  
 Honeoye Falls, N. Y.  
 Janet Elaine Sturm, Solon  
 Joyce June Summers, Shelby  
 Sandra Mills Sutherland, New London  
 Michael Anthony Swain, Sandusky  
 Joellen Croswell Swisher, Columbus  
 Audrey J. Talman, Mansfield  
 Linda Darlene Temple, Grove City  
 Debra Abdon Thoroman, Sabina  
 Victoria Kirby Titus, Marion  
 Michael James Trask, Columbus  
 Janet Elaine Tricker, Warren  
 Marlene Collura Trovato, Columbus  
 Don Gene Tschanen, Columbus  
 Frances Oliver Tschanen, Columbus  
 William C. Tuck, Jr., New Madison  
 Jeffrey Charles Tuomala, Geneva  
 Gale Bowen Turley, Westerville  
 Rosalyn Annette Uhrig, Columbus  
 Mary Jo Van Heyde, Columbus  
 Sally Jo Van Meter, Columbus  
 Carol Campbell Vincent, Columbus  
 Howard Daniel Walker,  
 Shaker Heights  
 Barbara Betz Ward, Columbus

Mary Hardy Ward, Columbus  
 Pamela Layne Webb, Sidney  
 Joseph Herman Weir, II, Columbus  
 Charlene Sue Weisenberger, Norwalk  
 Marcia Smith Wenig, Marion  
 Kathryn Mulherin Westbrook,  
 Columbus  
 Suzanne Louise Williams, Kettering  
 Cynthia Russell Wilson, Columbus  
 Mary Catherine Winter, Lima  
 Janet Ann Wohlgemuth,  
 Flushing, N. Y.  
 John Michael Wood, Bloomingburg  
 Dianne Uhl Wright, Columbus  
 Penelope Sue Young, Mansfield  
 John Clayton Zellers, Berea  
 Donna Jean Zuga, Cortland

**Bachelor of Art Education  
 Offered jointly by the  
 College of The Arts and the  
 College of Education**

Thirteen candidates

Mark Conerly Brock, Akron  
 Sandra Elaine Carney, Galion  
 Constance Snyder Fisher, Columbus  
 Connie Sue Hartsook, Grove City  
 Karen Lynne Kerchner, Columbus  
 Catherine Sue Long, Springfield  
 Kathleen Ann McKenna,  
 Fairview Park  
 Joyce Brian Meyer,  
 Franklin Square, N. Y.  
 Donna Jean Weightman Olson,  
 Columbus  
 Gail Elizabeth Paska, Columbus  
 Betty Ann Schlecker,  
 North Woodmere, N. Y.  
 Barbara Hower Sparks, Radnor  
 Suzanne Catherine Studer, Mansfield

**Bachelor of Music Education  
 Offered jointly by the  
 College of The Arts and the  
 College of Education**

Eight candidates

Eric Timothy Davis, Vandalia  
 Robert Daniel Devine, Jr., Lakewood  
 Linda Deffinger Isler, Mansfield  
 David Allen Klopfenstein, Shelby  
 Linda Marie Lufter, Avon Lake  
 Barbara Beth Koerner Magree,  
 Columbus  
 Suzanne Waltz, Mansfield  
 Gail Susan Weinberg, Canton

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Science in Aeronautical and Astronautical Engineering

Five candidates

David Orville Ernst, Columbus  
John Thomas Jewett, Columbus  
Ehud Kibel, Lyndhurst  
Edward John Kowalski,  
Phoenix, Ariz.  
David Lewis Walters, Niles

### Bachelor Science in Agricultural Engineering

Four candidates

Alan Carl Friedstrom, Ashtabula  
David Bruce Gamble, Columbus  
Kenneth Albert Kreinbrink, Findlay  
David Paul Shafer, Washington C. H.

### Bachelor of Science in Ceramic Engineering

Two candidates

Wayne Thomas Hancock, Youngstown  
Sharon Spencer, Columbus

### Bachelor of Science in Chemical Engineering

Two candidates

John Anthony Douglas,  
Georgetown, Guyana  
Alan Philip Lawrence, Brecksville

### Civil Engineer

One candidate

George Louis Lignos, Cleveland  
B.S.C.E.

### Bachelor of Civil Engineering

One candidate

Thomas Milligan, Jr., Columbus

### Bachelor of Science in Civil Engineering

Eighteen candidates

John Albert Bond, Jr., Franklin  
Christopher Lee Boyd, Lucas  
James Francis Branagan,  
Steubenville  
Larry James Coomer, Fremont  
Mitchell Wayne Cosler, Xenia  
James Keith Crawl, Columbus  
Thomas Earl Jedlinsky, Solon  
Steven Gary Jewell, Columbus  
Michael Harold Lang, Waterford  
Robert Alan Long, Lima  
James Lynn Martin, Columbus  
Douglas Karl Nims, Troy  
Thomas Edward Owings, Columbus  
Stephen Klemm Prater, Marion  
Mehmet Bulent Tin, Columbus  
Gregory George Vrabel, Parma  
Robert Payton Walker, Jr.,  
Portsmouth  
Michael Lynn Weiler, Cardington

### Bachelor of Science in Computer and Information Science

Fourteen candidates

Robert Ronald Ainslie,  
Williamsville, N. Y.  
Judith Elaine Bom, Marietta  
Larry Lee Boyer, Columbus  
Bruce Alan Burgin, Toledo  
Paul Wilson Calloway, Reynoldsburg  
Gary Edward Conyer, Sandusky  
Michael Joseph Gallagher,  
Westerville  
Grant Robert Jensen, Jr.,  
St. Albans, W. Va.  
<sup>1</sup> John Alfred Lowy, Columbus  
Earl Joseph Quick, Mansfield  
<sup>2</sup> David Reckseit, II, Cincinnati  
Timon Lee Runyan, Cincinnati  
Lawrence Michael Stover, Columbus  
Cindy Lou Weeks, Norwalk

### Bachelor of Electrical Engineering

Two candidates

<sup>3</sup>James Louis Fogle, Columbus  
Thomas Gilbert Mayhew, Columbus

<sup>2</sup> Also Master of Science, Graduate School

<sup>1</sup> Also Bachelor of Science in Electrical Engineering, College of Engineering  
<sup>2</sup> Also Bachelor of Science in Industrial Engineering, College of Engineering  
<sup>3</sup> Also Bachelor of Computer and Information Science, College of Engineering

### Bachelor of Science in Electrical Engineering

Thirty-one candidates

Lauren Edgar Anstead, Columbus  
Richard Edgar Bailey, Columbus  
David Frank Baker, Delaware  
John William Bauerle, Radnor  
Howard Bert Bumgarner,  
West Chester  
Franco Cosentino, Canton  
Paul Anthony Dickson, Columbus  
Geoffrey Wayne Doyle, Cincinnati  
James Thomas Ellis, Columbus  
Jerry Lee Harbin, Columbus  
Donald Joseph Jergens, Columbus  
James Clyde Jones, Columbus  
Robert Andrew Lipp, Columbus  
<sup>3</sup> John Alfred Lowy, Columbus  
Joe Craig Medors, London  
Robert Charles Munroe, Columbus  
Charles Joseph Murrane, Galloway  
George Peter Olson, Columbus  
Monte K. Provost, Navarre  
Glenn Edward Ryan, Westerville  
John Thomas Skowron, Berea  
Gary Douglas Slack, Columbus  
Frank Arden Sqrow, Columbus  
Daniel Lynn Steiner, Columbus  
Gerald Masaji Takasaki,  
Hakalau, Hawaii  
Grace Deleese Tanner, Columbus  
Edward Dean Turner, Columbus  
William Gary Warner, Worthington  
Gary Mark Webster, Sidney  
Douglas Parker Woods, Westerville  
David Anthony Zemanek, Lorain

### Bachelor of Science in Engineering Physics

One candidate

John Michael Gallant, Columbus

### Industrial Engineer

One candidate

Moinuddin Nizamuddin Shaikh,  
Poona, India  
B.E. (Gulbarga Engineering  
College, India)

### Bachelor of Science in Industrial Engineering

Thirteen candidates

Michael Joseph Foley, Warren

## College of Medicine

Acting Dean: Robert J. Atwell

Robert Lee Harmon, Laurelville  
Russell Dean Hunter, Bucyrus  
Robert Allen Kready, Worthington  
Thomas Raymond Laine, Conneaut  
John Julius Marsh, III,  
New Philadelphia  
Frank Michael Marzich, Canton  
Donald Alan Poe, Columbus  
\*David Reckseit, II, Cincinnati  
Rondal Alan Schworm, Worthington  
Lee Allen Simpson, Columbus  
David Scott Sink, Findlay  
Thomas Edward Zipf, Columbus

### Bachelor of Science in Mechanical Engineering

Sixteen candidates

David George Bernier, Hamilton  
Chris Richard Case, Galion  
James Wayne Cox, Jr., Columbus  
Gerald Mark Elliott, Columbus  
Robert Henry Granzow, Jr.,  
Miamisburg  
Michael William Konderson, Parma  
Carl Alan McMullen, Columbus  
Mark Peters Monsarrat, Columbus  
Robert Andrew Novak, Geneva  
Michael Corwin Prentice, Columbus  
David Steven Rader,  
Huntington, W. Va.  
James Wagner Rinehart, Columbus  
Kenneth Bruce Scott, Cincinnati  
David Michael Shaw, Perrysburg  
Frank Loveland Sterling, Poland  
Gary Dean Stone, Mansfield

### Bachelor of Metallurgical Engineering

One candidate

† Michael Carrol Long, Columbus

### Bachelor of Science in Metallurgical Engineering

One candidate

Timothy James Schwartz,  
Worthington

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

Four candidates

Robert Patrick Gill, Columbus  
B.S. (Kansas State University)  
Charles Henry Hollingsworth, Jr.,  
Columbus  
Donna Byrne Morgan, Nankin  
John David Sampson, Columbus

#### Certificate of Post Baccalaureate Circulation Technologist

Two candidates

Edward Michael Tann, Columbus  
B.S. (Ohio Dominican College)  
William Steve Vokonas, Columbus  
B.S.

#### Certificate of Post Baccalaureate Medical Technologist

Four candidates

Melissa Jane Callahan,  
Charleston, W. Va.  
B.A. (Marietta College)  
Dale Matthews Driver, Newark  
B.S. (Winston Salem State College)  
Wayne Curtis Hawley, Endicott, N. Y.  
B.A. (Union College)  
James Edward Whited, Columbus  
A.B. (Olivet Nazarene College)

#### Certificate of Nurse Anesthetist

Six candidates

Rebecca Ann Allen, Miamisburg  
R.N. (Miami Valley Hospital,  
School of Nursing)  
Robert Hiley Arwine,  
San Lorenzo, Calif.  
Mary Ann Boyd, Columbus  
B.S.Nurs.  
Carol Ann Deslauriers, Columbus  
R.N. (Massachusetts General  
Hospital, School of Nursing)  
Judith Lowmiller Sherwood, Columbus  
Paul Joseph Wulf, Columbus  
R.N. (Saint Anthony's Hospital  
School of Nursing)

### School of Nursing

#### Bachelor of Science in Nursing

Sixty-six candidates

Sandra Marie Altenbach, Lima  
Judith Ann Barger, Kenton  
Sherry Lynne Beggs, North Canton  
Linda Anne Belter, Cleveland  
Judith Butler Bollinger, Columbus  
Becky Jane Bryan, Zanesville  
Susan Marie Buckles, Lorain  
Shirley Hambrick Butler, Columbus  
Theresa Ann Case, Columbus  
Marcia Ann Chew, Shelby  
Joan Carol Daniel, Columbus  
Kathleen Sullivan Dickey, Marietta  
Diane Marie Durham, Delta  
Lee Anne Entinghe, Lima  
Joanne Kritzer Fogel, Sidney  
Mary Margaret Gagen, Mt. Vernon  
Terrie Rae Garner, Walbridge  
Marlene Rise Gerowin, Cleveland  
Linda Kay Handwork, Salem  
Janis Marie Hawley, Lorain  
Janis Ann Hays, Ada  
Pamela Sue Huber, Bellville  
Sherry Warvel Hull, Brookville  
Barbara Ann Janik, Youngstown  
Elizabeth Harger Johnston,  
Bowling Green  
Priscilla W. Jurkovich, Columbus  
Janie VanGilder Katz, Columbus  
Kreelan Dawn Kunst, Springfield  
Linda Marie Kuntz, Wintersville  
Sandra May Lawrie, Fairview Park  
Debbie Ann Loewer, Phoneton  
Diane Beeler Lowe, Columbus  
Rebecca Price Maloney, Chillicothe  
Sue E. McCoy, Akron  
Susan Jane Metzger, Delphos  
Virginia Grace Miller, Columbus  
Susan Elaine Morgan, Portsmouth  
Carol Lynn Mullins, Dayton  
Karen Ann Mullins, Lima  
Gail Susanna Odneal, Toledo  
Deborah Ann O'Shea, Oregon  
Roxie Ann Perdue,  
South Zanesville  
Kathryn Kemple Pollard, Columbus  
Barbara Joan Ralston, Columbus  
Patrice Ellen Rancour, Parma  
Janet Marie Rauch, Columbus  
Deborah Clara Rauck, Grove City  
Wendy Ressler, Rocky River  
Nancy Connolly Rini, Toronto

¶ Also Bachelor of Science in Computer and  
Information Science, College of Engineering  
† Also Master of Science, Graduate School

Susan Richardson Rovick, Cambridge  
Sandra Jo Russell, Warren  
Joyce Serksnis Sarris, Columbus  
Barbara Lynn Schaefer, Cincinnati  
Barbara Jean Schaublin, Ottawa  
Shirley Ann Scott, Columbus  
Retha Kay Shultz, Greenfield  
Lynn Marie Simon, Columbus  
Frances Ann Smrekar, Bridgeport  
Margaret Elaine Steele, Millersport  
Mary Catherine Thome, Akron  
Victoria Lynn Warschauer,  
Satellite Beach, Fla.  
Martha McFarland Weaver,  
Columbus  
Sally Jo Weber, New Philadelphia  
Bernice Uhl Wilson, Columbus  
Terry Patricia Wise, Norwalk  
Susan Patricia Worcester, Akron

## Graduates with Honors

### Summa Cum Laude

Suzanne Rose Armitage, Worthington  
Margaret Livingston Bland, Columbus  
Judith Elaine Bom, Marietta  
Timothy M. Cardina, Akron  
Regina Martin Carroll,  
Columbus  
Christine Lee Cole, Columbus  
Linda Kuhlwein Davis, Columbus  
Kathleen Lynne Evans, Columbus  
Douglas Alan Ferguson, Lima  
Fredrick Lee Fisher, Columbus  
Poppy Laurie Girton,  
Washington C. H.  
Bernard Norbert Gosche, Columbus  
David Cyril Hemmelgarn,  
Worthington  
Pamela Sue Huber, Bellville  
Linda Deffinger Isler, Mansfield  
Stephen Allen Johnson, Columbus  
Bruce Glenn King, Columbus  
Hale Clyde Landon, Columbus  
Gwen Humphries Landon, Columbus  
Thia Sanders Leo, Marengo  
John Alfred Lowy, Columbus  
John Julius Marsh, III,  
New Philadelphia  
Virginia Grace Miller, Columbus  
Catherine Coulter Obermeyer,  
Columbus  
Joan Reely Patterson, Marion  
Sandra Buckley Paxton, Columbus  
Leslie Howard Peterson, Worthington  
John Franklin Shontz, Strasburg  
Gerald Masaji Takasaki,  
Hakalau, Hawaii  
Dale Randolph Talcott, Xenia  
Victoria Kirby Titus, Marion  
Beth Steiner Ullery, Worthington  
Mary Jo Van Heyde, Columbus  
Barbara Betz Ward, Columbus  
Bernice Uhl Wilson, Columbus

### Summa cum laude and with Distinction in Agricultural Education

Dennis Ellsworth Stryker, Bradford

### Summa cum laude and with Distinction in English

Barbara Mae Albee, Columbus  
Dwight Edward Weber, Cincinnati

### Summa cum laude and with Distinction in History

Patricia Watson Turvey, Columbus

### Summa cum laude and with Distinction in Home Economics

Linda Smith Knight, Columbus

### Cum Laude

Jean Acks Amos, Euclid  
Carol Louise Bender, Prospect  
Miguel Mauricio Bowen, Columbus  
Eric Dale Bowman, Columbus  
Eileen Marcia Brown, Beachwood  
Helena Maria Buch, Lima

Shirley Hambrick Butler, Columbus  
James Ray Carroll, Columbus  
Mary Fisher Catanzaro, Columbus  
Stephen Fraser Cherrington,  
Vienna, Va.

Susan Bruhn Cook, Columbus  
Linda Susan Constantine, Parma  
James Barton Couch, Archbold  
Nancy Aikens Craun, Columbus  
Jean Marie Dalicandro, Skokie, Ill.  
Joan Carol Daniel, Columbus  
Maureen Annette Delphia, Columbus  
Michael John Delphia, Columbus  
Janet Lynn Dight, Skokie, Ill.  
Elizabeth Jane Finan, Danville  
Constance Snyder Fisher, Columbus  
David Clarence Frederick, Kettering  
Linda Burns Fulton, Columbus  
Ellyn Laura Goldstein, Atlanta, Ga.  
Gerald Sherman Gurney,  
Cleveland Heights  
Jacqueline Ruth Harper,  
Wilmington

David Cyril Hemmelgarn,  
Worthington  
Peggy Marie Henson, Mansfield  
Sharon Stuckey Huber, Columbus  
Juliet Sarnoff Hyatt, Columbus  
Barbara Ann Janik, Youngstown  
Alice Dee Kanonchoff,  
Allison Park, Pa.

Linda Lou Kelley, Hillsboro  
William Joseph Kelly, Jr., Columbus  
Sharon Simon Kelm, Cincinnati  
Marjorie Easton Kistemaker,  
Columbus

Denise Thea Kontras, Columbus  
Barbara Lynn Lally, Columbus  
Daniel Paul Lammertse, Akron  
Mary Ann Lavery, Akron  
Clark Baker Lawrence, Columbus  
Sandra May Lawrie, Fairview Park  
David Eugene Lewandowski, Toledo  
Mark Alan Lieberman, Canton  
Debbie Ann Loewer, Phoneton  
Gary Allen Luken, Columbus  
Charles Walter McCoy, Columbus  
Laurie Chun McEnery, Bedford  
Kathleen Ann McKenna,  
Fairview Park  
John Charles Medley, Shelby  
Thomas Milligan, Jr., Columbus  
Mark Peters Monsarrat, Columbus  
Cindy Lookabaugh Mountcastle,  
Columbus

Laura Ann Nicholl, Columbus  
Shelley Pat Nierenberg, Dayton  
Kristine Kay Peters, Columbus  
Monte K. Provost, Navarre  
Thomas Edward Purtell, Leesburg  
Patrice Ellen Rancour, Parma  
Joyce Falter Rapp, Columbus  
Lucinda Allison Reynolds, Columbus  
Katherine Biggs Roman, Mansfield  
Glenn Stephen Roush, Hillsboro  
Glenn Edward Ryan, Westerville  
Thomas Clement Scherer, Columbus  
Pamela Kay Scott, Cincinnati  
Jerry Dwight Sell, Columbus

Stephanie Lasch Shaw, Newark  
Kathleen Susan Smigel,  
New Philadelphia  
Frances Ann Smrekar, Bridgeport  
Sharon Spencer, Columbus  
Karen Durigg Sturtz, Marion  
Gregory Edward Tolla,  
West Farmington  
Janet Elaine Tricker, Warren  
Edward Dean Turner, Columbus  
Jane Louise Vovk, Columbus  
Mary Hardy Ward, Columbus  
William Gary Warner, Worthington  
David Ross Wilson, Kent  
Dianne Uhl Wright, Columbus  
Michael Melvin Zimmerer, Cincinnati

### Cum laude and with Distinction in Animal Science

Kevin Donald Corcoran, Chillicothe  
John Allen Sarkett, Cleveland

### Cum laude and with Distinction in Natural Resources

Lawrence Marsh Davis, Columbus

### Cum laude and with Distinction in Social Sciences

John William Guendelsberger,  
Sandusky

### Cum laude and with Distinction in Sociology

Richard Keith Sheir,  
University Heights

### With Distinction in Agricultural Economics

Roger Wayne Smith,  
Canal Winchester

### With Distinction in Agronomy

Steven Curtis Davis, Xenia

### With Distinction in Animal Science

Katherine Stein Sather,  
Meadville, Pa.

### With Distinction in Anthropology

Philip Wilber, Toledo  
William James Woolf, Jr., Columbus

### With Distinction in Ceramic Art

Clayne McCully Chase, Columbus

### With Distinction in History

Peter Daniel Skirbunt, Cleveland

### With Distinction in Political Science

Frank Leonard Staniszewski,  
Independence

### With Distinction in Theatre

Alan Barinholtz, Skokie, Ill.

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Mansfield, Ohio, April 6, 1973

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1973, at The Ohio State University Mansfield Regional Campus, Mansfield, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

April 6, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of Department of Industrial Design

The University Senate at the March 6, 1973 meeting approved the change in the status of the Division of Design to the Department of Industrial Design, effective July 1, 1973.

In its four years of existence, the Division of Design has established programs leading to the degrees Bachelor of Science in Industrial Design and Master of Arts. Public service and research opportunities are many and varied in the area of industrial design, a field which is recognized by universities nationally and internationally as a unique area of academic concern.

President Enarson recommended that the Department of Industrial Design be established in accordance with the University Senate's recommendation.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Reprinted Publication Entitled--Statutes Applying to the University, By-laws of the Board of Trustees, and Rules for the University Faculty

The publication entitled, Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules for 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 May, 1972. 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 109th General Assembly.

President Enarson recommended 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 approved the foregoing recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL CHANGES

Personnel changes since the March 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignation, Appointments, Leave of Absence Without Salary, and Emeritus Titles:

April 6, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Resignation

Luvern L. Cunningham has resigned his position as Dean of the College of Education, effective June 30, 1973. Dr. Cunningham will continue as a Professor in the College of Education on a part-time basis and will serve as Executive Director of an educational task force in the Detroit Public Schools.

B. Appointments

Henry G. Cramblett, Dean of the College of Medicine, effective July 1, 1973, at a salary of \$43,008.00 per annum (twelve-month appointment). Dr. Cramblett will continue to hold his professorships in the Departments of Medical Microbiology and Pediatrics.

C. Roger Smith, Dean of the College of Veterinary Medicine, effective immediately, at a salary of \$35,088.00 per annum (twelve-month appointment). Dr. Smith will continue his academic appointment as Professor in the Department of Veterinary Physiology and Pharmacology.

Edna L. Fritz, Professor and Director, School of Nursing, effective August 1, 1973, at a salary of \$27,960.00 per annum (twelve-month appointment).

C. Leave of Absence Without Salary

Francille M. Firebaugh, Professor, School of Home Economics, effective March 1, 1973 through June 30, 1973, to review research proposals and assist with home management and family economics programs with USDA-Cooperative State Research Service in Washington, D. C.

D. Emeritus Titles

Carl E. Venard, Department of Entomology, with the title Professor Emeritus, effective January 1, 1973.

Byron E. Gamble, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1973.

President Enarson recommended that the Resignation, Appointments, Leave of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the March 2, 1973 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	12	\$2,540,667.00
The Ohio State University Research Foundation	37	1,381,977.76
The Engineering Experiment Station	2	11,160.00
The Ohio State University Development Fund	1,625	761,969.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Dr. Sirak, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

- a. \$742,167.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Cooperative Development of Performance Based Curricular Systems for Vocational Education Personnel, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0077)
- b. \$601,542.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Information, Evaluation, and Planning Systems for Vocational Education, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0076)
- c. \$567,625.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Vocational Development and Adjustments - Career Planning Support System, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0079)
- d. \$262,200.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Instructional Systems Design, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0078)
- e. \$108,708.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Diffusion Strategies for Career Education, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0080)
- f. \$72,933.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 30 enrollees, under the direction of the College of Administrative Science, for the period September 27, 1972 through August 31, 1973. (Model Cities Contract No. 30-3437)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- g. \$68,250.00 additional grant by National Science Foundation, Washington, D. C., to the University for support of the 1973 National Science Foundation Graduate Traineeship Program, under the direction of the Graduate School. This grant expires on September 30, 1974. (Grant GZ-2769, Proposal No. 3/Z30-3925)
- h. \$49,300.00 granted by State of Ohio - Rehabilitation Services Commission, Columbus, Ohio, to the University for the Franklin County PA/VR Expansion Grants Evaluation Project, under the direction of the School of Social Work, for the period December 12, 1972 through November 30, 1973. (Grant No. 25-P-65439/5-02)
- i. \$25,505.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 100 enrollees, under the direction of the School of Social Work, for the period September 27, 1972 through June 30, 1973. (DOL Contract No. N5-2519-39)
- j. \$24,299.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 30 enrollees, under the direction of the School of Social Work, for the period September 27, 1972 through August 31, 1973. (Model Cities Contract No. 30-3437)
- k. \$14,668.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05742-02)
- l. \$3,470.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Library Resource Support, under the direction of the University Libraries, for the period March 1, 1973 through February 28, 1974. (Grant No. 5 G01-LM00684-05)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period February 1, 1973 through February 28, 1973.

1. Federal Research Contracts

- a. U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, High Temperature Electro-Chemical Research in Metallurgy (to be known as Project No. 2932 - Mod. #P00003 - Department of Metallurgical Engineering).  
Gross Value - \$5,000.00.
- b. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Absorption Studies in the 5-Micron Band (to be known as Project No. 3271-A1 - Mod. #P00003 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$81,000.00.
- c. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Development of a Dupolasmatron Excitation Technique for Measuring Flow Properties Around High Speed Vehicles (to be known as Project No. 3361-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,500.00.
- d. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-A1 - Mod. #P00001 - Department of Geodetic Science).  
Gross Value - \$27,893.00.
- e. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-B1 - Mod. #P00001 - Department of Geodetic Science).  
Gross Value - \$22,107.00.
- f. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Investigation of the Multi-frequency Radar Reflectivity of Radar Targets for Improved Target Identification (to be known as Project No. 3424-A1 - Mod. #P00001 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$27,495.00.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

g. U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Interaction of Ultra High Mach Number Gas Jets and Particle Concentration by Using Wave Systems (to be known as Project No. 3606-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$75,967.00.

h. U. S. Army, San Francisco Procurement Agency, Oakland, California, Development of Army Career Profiles (to be known as Project No. 3620-A1 - New - Academic Faculty of Management Science).  
Gross Value - \$3,150.00.

TOTAL - Federal Research Contracts \$249,112.00

2. State Research Contract

a. Ohio Commission on Local Government Services, Columbus, Ohio, Public Official Survey (to be known as Project No. 3634-A1 - New - College of Social and Behavioral Sciences, Behavioral Sciences Laboratory).  
Gross Value - \$26,536.56.

3. Industrial and Other Research Contracts

a. A. Earl Cullum, Jr., & Associates, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - Periodic Partial Funding - Department of Electrical Engineering).  
Gross Value - \$40,923.20.

b. Coordinating Research Council & Environmental Protection Agency, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-A1 - Mod. #4 - Department of Preventive Medicine).  
Gross Value - \$53,393.00.

c. Coordinating Research Council & Environmental Protection Agency, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-B1 - Mod. #4 - Engineering Experiment Station).  
Gross Value - \$72,607.00.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts (continued)

- d. Space and Missiles Systems Organization, Los Angeles, California, Electrically Small Antennas for Nose Cone Applications (to be known as Project No. 3378-A1 - Mod. #P00004 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$4,000.00.
- e. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Test Program for NASA Choked Inlet .229 Scale Model (to be known as Project No. 3602-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,600.00.
- f. Systems Engineering Associates, Columbus, Ohio, Test Cell Experiments Involving Liquid and Vaporized Propane (to be known as Project No. 3619-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$125.00.

TOTAL - Industrial and Other Research Contracts \$172,648.20

4. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as Project No. 1470-K - Ext. #10 - Department of Psychology).  
Gross Value - \$16,923.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-D - Ext. #4 - College of Pharmacy).  
Gross Value - \$13,514.00.
- c. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #6 - Department of Physics).  
Gross Value - \$165,700.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-D - Ext. #4 - Department of Veterinary Pathobiology).  
Gross Value - \$60,552.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Stereochemical Studies (to be known as Project No. 2769-D - Ext. #4 - College of Pharmacy).  
Gross Value - \$36,375.00.
- f. National Science Foundation, Washington, D. C., Carbenic Processes: The Chemistry of Diazo Compounds and Related Intermediates (to be known as Project No. 3195-A1 - Amend. #2 - Department of Chemistry).  
Gross Value - \$41,300.00.
- g. National Science Foundation, Washington, D. C., Metal Complexes of Linear and Macrocyclic Tetradentate Ligands (to be known as Project No. 3225-A1 - Amend. #2 - Department of Chemistry).  
Gross Value - \$41,500.00.
- h. National Science Foundation, Washington, D. C., Development of a New Geochronometer Based on the Decay of  $\text{Lu}^{176}$  to  $\text{Hf}^{176}$  in Rocks and Minerals (to be known as Project No. 3254-A1 - Amend. #1 - Department of Geology and Mineralogy).  
Gross Value - \$18,200.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Periodontal Disease in the Germ-free State (to be known as Project No. 3402-A2 - Ext. #1 - College of Dentistry).  
Gross Value - \$22,036.00.
- j. National Science Foundation, Washington, D. C., A Study of Relaxation, Diffusion, and Polarization in the Solid Hydrogens (to be known as Project No. 3428-A1 - Amend. #1 - Department of Physics).  
Gross Value - \$40,000.00.
- k. National Science Foundation, Washington, D. C., Productivity of Tundra Lichens in the Prudhoe Bay Region: Physiological Ecology of Arctic Bryophytes (to be known as Project No. 3462-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$6,900.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pharmacology of Coumarin Anticoagulants (to be known as Project No. 3623-A1 - New - Department of Pharmacology).  
Gross Value - \$35,012.00.
- m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Household Formation, Fertility, and Market Activity (to be known as Project No. 3629-A1 - New - Department of Economics and Center for Human Resource Research).  
Gross Value - \$49,964.00.
- n. National Science Foundation, Washington, D. C., Late Quaternary Vegetational and Climatic History of the Middle Tanana Valley, Interior Alaska (to be known as Project No. 3633-A1 - New - Institute of Polar Studies).  
Gross Value - \$20,400.00.
- o. National Science Foundation, Washington, D. C., Diffusion of Innovation (to be known as Project No. 3637-A1 - New - Department of Geography).  
Gross Value - \$208,200.00.

TOTAL - Federal Research Grants \$776,576.00

5. City Research Grant

- a. City of Columbus, Columbus, Ohio, Bail System Development Study (to be known as Project No. 3621-A1 - New - College of Administrative Science, Division of Public Administration and Department of Industrial and Systems Engineering).  
Gross Value - \$47,520.00.

6. Industrial and Other Research Grants

- a. National Endowment for the Humanities, Washington, D. C., The Social Relevance of the Afro-American Experience (to be known as Project No. 3616-A1 - New - Department of Black Studies).  
Gross Value - \$47,000.00.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

6. Industrial and Other Research Grants (continued)

- b. The Ford Foundation, New York, New York, Social Class and Sub-nation: A Three-Nation Study (to be known as Project No. 3618-A1 - New - Center for Human Resource Research and Departments of Sociology and Economics).  
Gross Value - \$50,000.00.
- c. National Council on the Arts, National Endowment for the Arts, Washington, D. C., Theatre Program--The First International Conference of Visual and Performing Arts in Higher Education (to be known as Project No. 3624-A1 - New - Division of Art).  
Gross Value - \$3,750.00.
- d. Visual Arts Program, National Endowment for the Arts, Washington, D. C., Artists-and-Critics-in-Residence Program (to be known as Project No. 3626-A1 - New - Division of Art).  
Gross Value - \$1,500.00.
- e. Visual Arts Program, National Endowment for the Arts, Washington, D. C., Artists-and-Critics-in-Residence Program (to be known as Project No. 3627-A1 - New - Division of Art).  
Gross Value - \$3,075.00.
- f. Morris Animal Foundation, Denver, Colorado, Hemodynamic Correlates of Shock in Horses (to be known as Project No. 3628-A1 - New - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$4,260.00.

TOTAL - Industrial and Other Research Grants \$109,585.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period February 7, 1973 through March 1, 1973.

1. Industrial Research Contracts

- EES 408X     Polymer Engineering Research, Owens Illinois Technical  
Ext. #2     Center, Toledo, Ohio  
Gross Value - \$7,500.00.
- EES 438X     In-Line Separator Efficiency, Pennsylvania Separator  
Company, Brookville, Pennsylvania.  
Gross Value - \$3,660.00.

TOTAL - Industrial Research Contracts \$11,160.00

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through January 31, 1973

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	19,093		\$ 434,551.00
Major Resources Group			
Major Individual Gifts	413	\$1,621,966.00	
Corporate Gifts	321	844,573.00	
Foundation and Non- profit Organiza- tion Gifts	<u>236</u>	<u>862,727.00</u>	
Total			<u>3,329,266.00</u>
Grand Total	20,063		<u>\$3,763,817.00</u>

2. Report for July 1, 1972 through February 28, 1973

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	19,893		\$ 453,937.00
Major Resources Group			
Major Individual Gifts	505	\$1,988,296.00	
Corporate Gifts	349	880,425.00	
Foundation and Non- profit Organiza- tion Gifts	<u>290</u>	<u>954,377.00</u>	
Total			<u>3,823,098.00</u>
Grand Total	21,037		<u>\$4,277,035.00</u>

3. Gifts of \$5,000 or More

- a. \$279,517.88 from the Estate of Stanton Youngberg, San Francisco, California, for a purpose to be designated at a later date.
- b. \$71,028.00 from Robert Wood Johnson Foundation, Princeton, New Jersey, for scholarships in the College of Dentistry.
- c. \$27,500.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware--\$15,000.00 for research in Chemistry, \$7,500.00 for research in Chemical Engineering, and \$5,000.00 for the Department of Mechanical Engineering to be used at the discretion of the Chairman.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

3. Gifts of \$5,000 or More (continued)

- d. \$25,475.27 from the Estate of Lucille Morrisey Denney, Columbus, Ohio--\$12,737.64 for the School of Music and \$12,737.63 for the Shakespeare Memorial Library.
- e. \$25,000.00 from the Kiplinger Foundation, Inc., Washington, D. C. --\$15,000.00 for the Journalism Building Fund, \$8,500.00 for support of the Professorship of Public Affairs in the School of Journalism, and \$1,500.00 for the discretionary fund for the Director of the School of Journalism.
- f. \$22,460.61 from the Associates of Medicine, Columbus, Ohio, for research in the Department of Medicine.
- g. \$21,650.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for its scholarship fund in the College of Medicine.
- h. \$10,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for infectious disease research.
- i. \$10,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the University Activities Center.
- j. \$10,000.00 from National/Ohio 4-H Foundation Campaign, Columbus, Ohio, for its fund in the College of Agriculture and Home Economics.
- k. \$9,000.00 from Abbott Laboratories, Chicago, Illinois, for research in the College of Medicine.
- l. \$9,000.00 from the Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
- m. \$7,600.00 from G. D. Searle & Company, Chicago, Illinois--\$7,400.00 for cancer research and \$200.00 for lectures in the College of Pharmacy.
- n. \$6,817.80 from Searle Diagnostic, Inc., Columbus, Ohio, for Pharmacology research.
- o. \$5,023.35 from Antique Show Receipts, Columbus, Ohio--\$4,023.35 for a purpose to be designated at a later date and \$1,000.00 for the University Activities Center.
- p. \$5,000.00 from Mr. Donald C. Chapman, Columbus, Ohio, to be used at the discretion of the Vice President for Educational Services.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

3. Gifts of \$5,000 or More (continued)

- q. \$5,000.00 from the Duriron Company, Inc., Dayton, Ohio, for its Professorship in Metallurgical Engineering.
- r. \$5,000.00 from Exxon Education Foundation, New York, New York, for its fellowship in the College of Engineering.
- s. \$5,000.00 from Jasam Foundation, Inc., Columbus, Ohio, for the study of disadvantaged adolescents in the College of Education.
- t. \$5,000.00 from National Academy of Education, Syracuse, New York, to be used at the discretion of the Chairman of the Academic Faculty of Educational Administration in the College of Education.
- u. \$5,000.00 from the Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for its fellowship in the College of Medicine.
- v. \$5,000.00 from Mrs. Lydia W. Pollack, Columbus, Ohio, for scholarships in the College of Law.
- w. \$1,619.08 from the Estate of Hazel C. Youngberg, San Francisco, California, to be used at the discretion of the Board of Trustees.

4. Establishment of Named Fund

- a. \$1,000.00 from Dr. Francis B. McCormick for the establishment of The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics.

The Francis B. McCormick Undergraduate Scholarship  
Fund in Agricultural Economics

The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics was established April 6, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Francis B. McCormick, B.S. '39, M.S. '47, Ph.D. '53, Columbus, Ohio.

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

The annual income is to be added to the principal until the fund reaches \$10,000. At that time, the annual income is to be used to provide one or more undergraduate scholarships for students enrolled in the

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Fund (continued)

- a. The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics (continued)

College of Agriculture and Home Economics and majoring in agricultural economics.

Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Chairman of the Department of Agricultural Economics and Rural Sociology and the Dean of the College of Agriculture and Home Economics or their duly selected successors in any restructuring of the Department, the College, or the University. Recipients will be selected on the basis of scholarly achievement and need with major emphasis given to scholarly achievement. The amount of each scholarship will be determined by the Selection Committee, but in no case will it be less than \$500 annually. As occasions permit, faculty members in the Department of Agricultural Economics and Rural Sociology should encourage friends and alumni to make gifts to this fund.

For whatever reason should the need for scholarships in agricultural economics cease to exist or so diminish as to provide unused income, then the income is to be used for undergraduate students at Ohio State University whose home is in Muskingum County, Ohio, with selection being made by the appropriate administrative official of the University who is directly responsible for scholarships.

\*

\*

\*

IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON

Following the presentation of the report of contracts and grants received by the University, President Enarson made the following statement:

Today's meeting of The Ohio State University Board of Trustees on the Mansfield Campus serves well to emphasize the significance the University attaches to its undergraduate programs. The opportunities offered at Mansfield and the other regional campuses surely represent one of the strong points of our undergraduate academic undertaking.

Undergraduate education has been receiving a great deal more attention this past year than it has at any time since the mid-50's. Most departments now have some form of individualized or independent study and have developed ways to more effectively personalize undergraduate

April 6, 1973 meeting, Board of Trustees

IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON (continued)

instruction. At the same time the University is taking the initiative in encouraging the development of one-of-a-kind programs which permit some students to design their own programs from among the many rich offerings at Ohio State.

Long a national leader in teaching technology, Ohio State continues to find new and more effective ways of using technology to support the teaching-learning process. To take but one example, computer assisted instruction is now opening up new dimensions of instruction for undergraduates in areas such as classics and philosophy.

In addition to working toward greater personalization of instruction and more effective use of technology, the renewed emphasis on undergraduate education is being reflected in greater rewards for outstanding teaching. The traditional incentives of promotion, tenure and salary are at least as available to outstanding teacher scholars today as they are to distinguished researchers.

Most important perhaps, the University is finding new ways to encourage innovative ideas in teaching. One dramatic example of the kind of work being done is the University Task Force on Learning which has involved well over a hundred people who are working together to share teaching-learning innovations across departments.

We can do more and we will. But in emphasizing undergraduate education, we must not lose sight of the unique role in society played by campus research experts. Research is part of the life blood of a university and we need to guard against developments that could weaken this part of the University's function.

We have just heard a report on 51 research contracts and grants awarded during the past month and totaling some \$3.9 million. These awards, I believe, should direct attention for a moment to the value of university research.

The search for new knowledge, carried out in close relationship to the other work of the university, is of inestimable value to all of us today and perhaps even more to those who will follow us.

No other segment of society can perform the tasks of the university's research investigators, whose talent, training and experience have prepared them for this work.

At this time, when the financing of higher education is in jeopardy on both state and federal levels, I fervently hope that the work of the researcher not only can receive adequate support but can be strengthened.

It would be folly now for this state and nation to bring about even a partial dispersal of the universities' research experts or to take away their research tools.

April 6, 1973 meeting, Board of Trustees

IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON (continued)

For the last fiscal year, the dollar valuation of campus research projects was nearly \$22 million. Most impressive, however, is the scope and the sophistication of the research studies which Ohio State faculty and graduate students are undertaking. Under Research Foundation agreements alone last year, 519 faculty and 697 graduate students worked on 733 projects in 92 university areas.

It should be noted that this work is undertaken, not as the business of a research institute, but for the educational value derived. In the university, research and instruction are intimately associated-- in fact, often may be inseparable.

Among the contracts and grants reported at today's meeting of the Board of Trustees, there are five totaling more than \$2.2 million for work in the field of vocational and technical education for the National Institute of Education, and others range from studies of the earth's gravity for the Air Force Systems Command to an investigation of television signal reflections.

Additional agreements involve 'new careers' programs for the Columbus Metropolitan Area Community Action Organization; medical and engineering studies of the effects of carbon dioxide on automobile driving; a veterinary investigation of brain tumors, and work on blood coagulants.

The variety of research pursuits represented on the campus underlines the capacity of the research staffs on the comprehensive university to help solve the problems facing us today, to expand the limits of our knowledge and to bring to this community the creative work of attacking these projects.

Beyond teaching and research, to turn for a moment to the third part of Ohio State's mission, the most rapidly growing need in our society appears to be for greater emphasis on the public service function of our colleges and universities. We have made every effort to keep pace with this need through a wide variety of continuing education programs as well as a multitude of other services that we perform for society.

In the near future we will undertake a thrust to open opportunity for education to everyone through a greatly expanded program of evening studies. This is only the beginning of what I predict will be one of the significant trends in higher education. The so called 'knowledge industry' will grow because of public demand for greater access to educational opportunity.

After only a few months as President of Ohio State University I am pleased to report that I feel the University and its regional campuses are uniquely qualified to provide a balanced approach to the three-fold mission of teaching, research and public service; uniquely qualified to meet the growing educational needs of this state and nation.

\*

\*

\*

April 6, 1973 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Neil Hall--Renovation

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$441, 668. 00	\$504, 632. 40	\$62, 964. 40

Changes in the original specifications were requested by the Using Agency to upgrade bathrooms. Also, during construction conditions were found, i. e., steel beams in walls necessitated the change of requested thru-the-wall air conditioners to window units in some locations.

Funds have been provided from Budget Account 801258 (Neil Hall Improvements).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VI. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Dodd Hall--South Parking Lot Renovation

This project will consist of regrading and resurfacing the existing lot which will eliminate standing water and restore the deteriorated pavement. Lighting will be added for the safety of night-time users, and reseeding of the surrounding area will be accomplished.

Funds are budgeted in Budget Account 801280 (Parking Lot - Dodd Hall).

B. Agricultural Administration Building, School of  
Natural Resources--Renovations

This project will convert two classrooms in the Agricultural Administration Building into an administrative suite for the School of Natural Resources administrative personnel.

April 6, 1973 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. Agricultural Administration Building, School of  
Natural Resources--Renovations (continued)

Funds are budgeted in SB 457 (Utilities and Renovations).

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\* \* \*

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Southeast Ohio Area Extension Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 3-7-73) Coshocton Construction Co., Inc. (Coshocton, Ohio)		
Base bid	\$109,012.00	\$120,650.00
Alt. G-1 Coordination	+ 2,950.00	+ 5,000.00
Alt. G-2 Asphaltic concrete paving for drives and parking areas	+ 7,800.00	+ 13,000.00
Alt. G-4 Increased size of meeting room	+ 4,454.00	+ 8,400.00
Alt. G-6 Accordion partition for meet- ing room to suit Alt. G-4	+ 1,638.00	+ 1,850.00
Alt. G-8 Carpet	+ 1,491.00	+ 2,700.00
Alt. G-11 Ceramic tile	+ 2,170.00	+ 3,000.00
Alt. G-13 Accordion door for demon- stration area	+ 457.00	+ 500.00
Total Contract	<u>\$129,972.00</u>	<u>\$155,100.00</u>

April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Southeast Ohio Area Extension Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(6 bids received 2-14-73)		
The Kuempel Company (Columbus)		
Base bid	\$ 31,734.00*	\$ 25,660.00
Alt. P-1 Coordination by General Contractor	N/C	N/C
Alt. P-3 Temporary water supply tank	+ 3,383.00*	+ 1,000.00
Total Contract	<u>\$ 35,117.00*</u>	<u>\$ 26,660.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(4 bids received 2-14-73)		
Morrison, Inc. (Marietta, Ohio)		
Base bid	\$ 29,537.00	\$ 31,890.00
Alt. HVAC-1 Coordination by General Contractor	N/C	N/C
Alt. HVAC-3 Additional HVAC for increased size of meeting room	+ 635.00	+ 1,010.00
Total Contract	<u>\$ 30,172.00</u>	<u>\$ 32,900.00</u>
<u>Electrical Contract</u>		
(6 bids received 2-14-73)		
Northwest Electric Company (Marietta, Ohio)		
Base bid	\$ 25,450.00	\$ 29,300.00
Alt. E-1 Coordination by General Contractor	N/C	N/C
Alt. E-3 Additional electric work for increased size of meeting room	+ 1,320.00	+ 800.00
Alt. E-4 Parking lot lighting	+ 2,300.00	+ 1,500.00
Alt. E-5 Electric work for temporary water supply	+ 370.00	+ 150.00
Total Contract	<u>\$ 29,440.00</u>	<u>\$ 31,750.00</u>
<u>Total All Contracts</u>	<u>\$224,701.00</u>	<u>\$246,410.00</u>

Funds for this project have been provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center), and Budget Account 953081 (Cooperative Extension Rotary).

\*Bids on Plumbing Contract were above the estimate of cost, but it is believed that better bids could not be obtained by readvertising.

April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Goss Laboratory, Law Building, Robinson  
Laboratory--Interior Maintenance

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 3-16-73) The H. F. Mollenauer Company (Columbus)	\$ 28,422.00	\$ 39,000.00

Funds for this project have been provided from Budget Account 125064  
(Contract Repair).

C. McCracken Power Plant--Electrical Utility Tie

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (2 bids received 3-20-73) Jess Howard Electric Company (Columbus)	\$132,447.00	\$147,000.00

Funds for this project have been provided from HB 988 (originally approved in SB 457, Utilities and Renovations).

D. Goss Laboratory--Partial Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 3-20-73) A. L. Meyer Construction Company (Columbus)		
Base bid	\$ 51,727.00	\$ 86,793.00
Alt. G-1 Furnish and assemble two constant temperature chambers	+ 20,375.00	+ 22,500.00
Total Contract	<u>\$ 72,102.00</u>	<u>\$109,293.00</u>

<u>Plumbing Contract</u> (3 bids received 3-20-73) Limbach Company (Columbus)		
Base bid	\$ 28,350.00	\$ 34,809.00
Alt. P-1 Furnish stainless steel sinks and spray disinfecting device and furnish and assemble in place Laboratory Casework	+ 22,500.00	+ 17,048.00
Total Contract	<u>\$ 50,850.00</u>	<u>\$ 51,857.00</u>

April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Goss Laboratory--Partial Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(6 bids received 3-20-73)		
Limbach Company (Columbus)		
Base bid	\$ 95,400.00	\$176,368.00
Alt. H-1 Remove existing heat ex- changer and relative material	<u>+ 3,560.00</u>	<u>+ 3,000.00</u>
Total Contract	<u>\$ 98,960.00</u>	<u>\$179,368.00</u>
 <u>Electrical Contract</u>		
(9 bids received 3-20-73)		
Pence Electric Company (Columbus)	<u>\$ 52,131.00</u>	<u>\$ 85,547.00</u>
Total All Contracts	<u>\$274,043.00</u>	<u>\$426,065.00</u>

Funds for this project have been provided in Budget Account 801293 (Goss Laboratory--Partial Remodeling) and Federal Grant 1C06-CA-13569-01.

Upon motion of Mr. Dunlap, seconded by Mrs. James, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\* \* \*

VIII. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 17 Approves the release of \$218,000.00 from SB 457, Item 315-074 "Utilities and Renovations," for planning for the following projects: Electrical Trunk Lines; Hagerty Hall Air Conditioning; Derby Hall Renovation; Sisson Hall Air Conditioning; Arps Hall Air Conditioning; Physical Education Building Improvements; Evans Laboratory Ventilation; Hayes Hall Fire Safety Improvements; Law Library; College of Education Library; School of Natural Resources Administrative Offices; Campbell Hall Office Remodeling; Mershon Auditorium (Music Studios); Vivian Hall Laboratory Remodeling; Department of Psychology Space.
  
- 18 Approves the purchase of a house and lot at 285 Croswell Road, City of Columbus, Franklin County, Ohio, which will be utilized as the home for the President. Source of funds for this purchase were provided from the General University Funds (Unrestricted Gifts).

\* \* \*

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Enarson read the following letter of appreciation which he received from Mrs. Harald Nielsen:

C  
O  
P  
Y

Mr. Harold L. Enarson, President  
The Ohio State University  
190 North Oval Drive  
Columbus, Ohio 43210

Dear President Enarson,

Thank you for your gracious letter of February the second, and the Trustees resolution concerning the life and work of my husband, Harald Herborg Nielsen. All members of our family appreciate the recognition of the Administration of The Ohio State University in recording my husband's long career in its permanent record.

In his forty-one years of service to the students and faculty of the University, my husband experienced the finest aspects of academic life - the mutual cooperation of all elements of the campus community, from the newest freshman to the highest administrative officers. The initiation of the International Symposium for Molecular Spectroscopy, as well as innovative research in our laboratories, were made possible with the support of the University and its confidence in his entire program.

The truly great university is the one which fosters and encourages new ideas. We, who are now left with precious memories, rejoice in the knowledge that Harald's work and that of his colleagues and students continues and flourishes here at Ohio State and in many other scientific groups.

Sincerely,

(Signed) Martha Nielsen

Martha Nielsen

March 26, 1973

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

President Enarson reported to the Board the deaths of Elbert O. Bolender, Associate Professor Emeritus in the Department of Agricultural Education; Dale V. Gilliland, Professor Emeritus in the College of The Arts; and Elmore O. Williams, County Extension Agent Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Elbert O. Bolender

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 11, 1973, of Elbert O. Bolender, Associate Professor Emeritus in the Department of Agricultural Education.

Professor Bolender was born on December 20, 1891, in Brown County and was graduated from Felicity High School and from The Ohio State University with a Bachelor of Science in Agriculture degree in 1916 and a Master's degree in 1930. He began teaching in 1917 at Felicity High School. From 1918 to 1922 he taught vocational agriculture at Ashley, Ohio, and from 1922 to 1934 was a member of the non-resident staff in agricultural education at the University in charge of student teaching training center at Hilliard High School. In 1934 he was appointed Assistant State Supervisor of Vocational Agriculture and a member of the resident staff in agricultural education at Ohio State, a position he held until his retirement in 1965.

Professor Bolender was recognized as a competent and dedicated teacher. He was a proponent of personalizing instruction, basing his teaching upon the interests and problems arising from the occupational experience programs of students. Mr. Bolender collaborated in developing a record book for high school students and was recognized nationwide for his expertise in developing student and teacher competence in accounting, emphasizing analysis and application. As a supervisor he was a tireless worker, devoting hours in conference with the teachers in his districts to help them develop their competencies. Teachers who had Mr. Bolender as a supervisor attest to his sincerity and in the contributions that he made toward their professional improvement. For many years Mr. Bolender was in charge of the annual judging contests in vocational agriculture held on the campus involving 3,000 students.

Mr. Bolender was not only a dedicated member of the teacher education and supervisory staff and a competent teacher of vocational agriculture but was also a distinguished member of the community as well. He was active in church and community affairs. He gave freely to the development of the community in which he lived. Those who knew Mr. Bolender were inspired by his indomitable spirit, his profound dedication, and the integrity and breadth of understanding of his work. These personal qualities and the articulate manner in which he voiced his views and concerns brought honor to vocational education and to The Ohio State University.

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Elbert O. Bolender (continued)

On behalf of The Ohio State 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 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.

B. Dale V. Gilliland

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 1, 1973, of Dale V. Gilliland, Professor Emeritus in the College of The Arts.

Dr. Gilliland joined the faculty of The Ohio State University in 1935 and has served as a professor of voice, director of the Men's and Women's Glee Clubs, director of the University Chorus and Madrigal Singers, and for 27 years was chairman of the voice section in the School of Music. He served as president of the National Association of Teachers of Singing from 1958 to 1960, and was in frequent demand throughout the country as a lecturer and clinician in vocal pedagogy.

Dr. Gilliland was very active as well in the local community serving as director of the Scottish Rite Choir, the Hilltop Chorus, and the North Community Lutheran Church choir.

Dr. Gilliland received his formal education at Ohio Northern University, New York University, Michigan State University, and the Royal College of Music in London. He was awarded the degrees Bachelor of Arts, Bachelor of Science, Master of Arts, and the honorary degree Doctor of Music.

Dr. Gilliland's many contributions to The Ohio State University and to the profession will be missed by his many former students, colleagues, and friends.

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.

C. Elmore O. Williams

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 22, 1973, of Elmore O. Williams, County Extension Agent Emeritus in the Cooperative Extension Service.

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Elmore O. Williams (continued)

Mr. Williams was born June 1, 1892, in Mt. Victory, Ohio, and graduated from high school there in 1908. He received the Bachelor of Science degree in Agriculture from The Ohio State University in 1913. A Certificate in Law was received from Toledo University in 1932. He passed the Ohio State Bar examination in 1935. Additional education was completed at both The Ohio State University and the United States Department of Agriculture graduate schools.

Prior to joining the faculty of The Ohio State University on May 1, 1924, Mr. Williams was engaged in farming for 10 years and employed as a Farm Bureau Cooperative manager for seven months.

Mr. Williams was a dedicated and highly respected leader in Lucas County and among his faculty peers in and beyond Ohio. He served as President of the Ohio Cooperative Extension Agents Association in 1934 and 1935. He also was elected President of the National Association of County Agricultural Agents and served effectively in that capacity in 1955. He was devoted to improvement including professional improvement of the Extension faculty and economic improvement for the farmer and farm allied business.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. 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 Mrs. Williams as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

\*

\*

\*

X. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman, Chairman of the Retirement and Insurance Committee, made two recommendations on behalf of the Committee:

(1) Benefit Improvements in Health Insurance for University Employees

That the current John Hancock Mutual Life, Major Medical and Surgical Contract covering eligible University employees be amended effective 12:01 a.m., April 2, 1973, to include:

Treatment by legally qualified psychologists for nervous and mental conditions for which the participant or his eligible dependent is not hospital confined; only the first \$500 of such charges

April 6, 1973 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

(1) Benefit Improvements in Health Insurance for University Employees (continued)

and 50 per cent of the remainder of such charges in excess of \$500 are considered covered medical expenses.

Upon motion of Mr. Gushman, seconded by Mrs. James, the foregoing recommendation was approved by unanimous roll call vote.

(2) Student Health Insurance Contract

That Mutual of Omaha be awarded the Student Health Insurance contract, effective the first day of classes Autumn Quarter 1973, for a period of one year. (While this contract is for one year, the premium rates are guaranteed for a two-year period.)

The contract will provide additional benefits to those presently available under the terms of the current student health insurance contract. This coverage will be available on an optional basis to all students registered at this University with the following premium schedule:

<u>Classification</u>	<u>Quarterly Premium Rates</u>
Student	\$14
Student and Spouse	31
Student, Spouse and All Children	51
Student and Depen- dent Child or Children	33

This Student Health Insurance contract has been recommended by the Subcommittee on Student Insurance of the Council on Student Affairs, endorsed by the Council on Student Affairs, approved by the consultant on student insurance and the Office of the Vice President for Student Affairs.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

April 6, 1973 meeting, Board of Trustees

X. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated April 5, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

XI. REGIONAL CAMPUSES OF THE OHIO STATE UNIVERSITY

Mr. John T. Mount, Vice President for Regional Campuses, made a brief statement outlining the history of the Regional Campuses and at the conclusion of his remarks introduced the distinguished visitors in attendance at the meeting. He then called upon Dr. James B. Heck, Director of the Mansfield Campus, who made a slide presentation on the Mansfield Campus.

Mr. Richard Stander, Chairman of the Advisory Committee to the Mansfield Campus, welcomed the Board of Trustees and represented the Advisory Committees of all four Regional Campuses in expressing the desire that these Campuses continue their association with The Ohio State University.

Following this presentation, President Enarson made the following statement:

In direct response to a document recently developed by the Office of the Ohio Board of Regents entitled, 'A Policy Statement on the Formation of State General and Technical Colleges,' dated February 9, 1973, the Citizens Advisory Committees of each of Ohio State University's four Regional Campuses have adopted resolutions in direct support of a continuing association with this University.

The President then recommended adoption of the following resolution:

WHEREAS, this University's Regional Campuses at Lima, Mansfield, Marion, and Newark were established at the request of the individual communities, and

WHEREAS, through the Advisory Committees of each of these Regional Campus communities, support was provided for campus site acquisition, scholarship and loan programs, and other special needs associated with these programs, and

WHEREAS, a broad range of two-year academic programs, a baccalaureate degree program in elementary education, and adult and continuing education programs have been made available which are fully commensurate in quality with the equivalent programs on this University's Columbus Campus, and

WHEREAS, the academic offerings of each of these Regional Campuses have been reviewed and fully accredited by the North Central Association of Colleges and Secondary Schools during this past year, and

April 6, 1973 meeting, Board of Trustees

XI. REGIONAL CAMPUSES OF THE OHIO STATE UNIVERSITY (continued)

Resolution (continued)

WHEREAS, the Citizens Advisory Committee of each of these Regional Campuses has by resolution strongly supported the existing Regional Campus concept and reaffirmed their desire to continue in direct association with this University.

RESOLVED: First, that the Board of Trustees of The Ohio State University reaffirms its commitment to develop the strongest possible academic programs at each of its Regional Campuses in full cooperation with the Citizens Advisory Committees, and

RESOLVED: Secondly, that the Board of Trustees of The Ohio State University expresses its sincere gratitude to the citizens of these Regional Campus communities for their continuing support of this University's academic programs in these communities that have provided educational opportunity to over 35,000 persons, and

RESOLVED: Thirdly, that a copy of this resolution be forwarded to the Ohio Board of Regents.

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

\* \* \*

Thereupon the Board adjourned to meet Monday, May 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

Page 423 Blank

Page 424 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 7, 1973

The Board of Trustees met at its regular monthly meeting on Monday, May 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

May 7, 1973 meeting, Board of Trustees

#### ELECTION OF OFFICERS

The Chairman, Mr. Eckley, convened the meeting of the Board of Trustees of The Ohio State University first for the purpose of electing officers for the ensuing year.

The Chairman then recognized Mr. Shocknessy and he made the following statement:

Mr. Chairman: Last year when I was completing my term as Chairman of this Board of Trustees I enunciated for the benefit of anybody who was not already aware of it that it has been the custom of this Board for a number of years for the member who was serving the senior term to be Chairman for that year. Accordingly, I suggested that the present Chairman be nominated to succeed me in the term which I was completing, which I had really served out of order because a member who had had only one year to serve when he was appointed chose not to serve as Chairman for that year. Now because I have had a year as Chairman and because the office of Chairman of this Board is not in fact a 'bed of roses' for a member whose home is in Columbus, I came here today intending to decline to serve as Chairman in this the senior year of my term. When I complete this year of service, I shall have completed the first nine-year term that anyone has served on this Board. Others have served longer than nine years but no one has served a nine-year term. Mr. Ketterer served eight under the new statute and I am the first to serve nine, or will have served nine if I serve this year. It has seemed to some of us that it might be in the best interest of the University, as I hope it was in the best interest of the present Chairman, to have on the Board during his tenure someone who has served as Chairman of the Board. Mr. Eckley has from time to time thanked me for service I was able to render him by virtue of experience which I have had as Chairman of the Board and which I hope was beneficial to him. Now it, as I say, has seemed to some of us that it might be a good plan for the future for the Chairman of the Board to serve in his penultimate year and have as a member of the Board someone who has served as Chairman of the Board. I do not have to make a secret of what I say, Mr. Hilliker will be serving his penultimate year beginning on the 14th of May and on the basis of what we have been thinking, the person serving his penultimate year would be Chairman and have with him for the year of his Chairmanship his immediate predecessor as a member of the Board. We suggest that Mr. Hilliker be Chairman of this Board in this coming year even though our plan cannot come to full fruition because Mr. Eckley will not likely be on the Board, Mr. Eckley is eligible for reappointment because he has served only four years, if the Governor would choose to appoint Mr. Eckley who was first appointed by Governor Rhodes and served for only four years there is no reason why Mr. Eckley might not serve a full term. In that event the plan that we have in mind could come to full fruition because Mr. Eckley would be serving as a former Chairman in an administration of Mr. Hilliker who also was appointed by Governor Rhodes as I was and as were seven members of this Board. But regardless of whether or not Mr. Eckley will be on the Board another

May 7, 1973 meeting, Board of Trustees

ELECTION OF OFFICERS (continued)

Mr. Shocknessy's statement (continued)

year to advise and help Mr. Hilliker, as former Chairman, if I stay on, which I have no real present intention of not doing, I shall be here as a former Chairman and I shall do what I can to assist Mr. Hilliker in his term as Chairman and as you would do Mr. Eckley were you to continue. I would certainly hope that the Governor would choose to reappoint as a member of this Board a man so distinguished.

I think with that preliminary statement I would do well not to serve as Chairman, having already served one year and if I did not do it this way at this time since if we tried to effectuate the plan that I have outlined next year someone would be deprived of serving as Chairman, and now I will not suffer that deprivation dubious as that deprivation may be, and I nominate as Chairman of this Board my dear, long-time, beloved friend, Mr. Don Hilliker, whom I am sure will be a great Chairman and fortunately will be supported in the office, not only by me but by his very great wife whom I admire even more than I have ever admired Mr. Hilliker with all due respect to Mr. Hilliker. So I congratulate you on being available for this noble assignment. I also congratulate you on your taste in women because you chose a good gal when you chose your wife. And if you don't have Mr. Eckley to help you, you might have me from time to time.

I have said everything I have said so that there can be no misinterpretation of what I am doing. Further, there are no political implications in what I am doing. I have served as Chairman and I am satisfied with the honor that I have had in so serving, dubious as we may be about the desirability of doing so. I hope I have made it clear, that in nominating Mr. Hilliker there cannot be any implication that the administration of Governor Gilligan has in any respect intervened in any way because Mr. Hilliker was not appointed by Governor Gilligan and Mr. Hilliker is not being nominated by me because he was appointed by Governor Rhodes either. Mr. Hilliker is nominated because we are undertaking something in the nature of an experiment, an experiment which could only be accomplished at this time and accommodate all the incidents that we have in mind. So done, I have nominated you, Don, provided you and Margaret stay together for the full term of your Chairmanship. Mr. Safford is the next man up and Mr. Safford is certainly distinguished in every respect and well provided to succeed you in due course. I also nominate Dr. Edward Q. Moulton for the worst job of all, Secretary of this Board, and Mr. Ernest Leggett as Treasurer. I would like to have the whole Board second.

Each member of the Board seconded the motion which was approved by unanimous roll call vote, Mr. Hilliker abstaining.

May 7, 1973 meeting, Board of Trustees

ELECTION OF OFFICERS (continued)

Following the election, Mr. Hilliker requested and was granted permission to speak. He said that since Mr. Shocknessy had brought up his wife on several occasions, he would say that she is quite a gal with great patience having lived with him for thirty-two years. He said "I suppose it would be proper for me to say that I am grateful and I do appreciate the honor [of being elected Chairman of the Board], but I will have to admit to you that I would be lying a little bit because I am not that grateful. I can only tell you this--this is a fine Board. There isn't any question about it. I will do my best." He further indicated that he would be calling on Mr. Eckley and Mr. Shocknessy for assistance and then directed the following comment to Mr. Shocknessy ". . . I want to look you right in the eye and tell you that you have forgotten more about this job than I will ever know. So you can be assured that I am going to be calling on you to help me sit on the hot seat and you had better be available."

- o -

TRIBUTE TO MR. ECKLEY

Mr. Hilliker gave tribute to Mr. Eckley for his knowledge, expertise, and devotion to this University and to its Board of Trustees. He expressed the belief that the Board was in outstanding hands and under great leadership and he hoped that his tenure as Chairman would be just half as good.

President Enarson then presented Mr. Eckley with a citation signed by the President of the University and the Secretary of the Board of Trustees. The President expressed his appreciation to Mr. Eckley for his assistance during the first eight months of his tenure as President of The Ohio State University.

Mr. Eckley responded by reiterating what Mr. Hilliker had said--that this is a good Board operating for a good University with a good administration. Mr. Eckley continued

I have thoroughly enjoyed my tenure this year as Chairman of this Board and I am very happy to have done it. I might also add, Mr. Hilliker, I am very happy to have it over with, too. I do want to thank the Board and the Administration of the University for all the help and assistance given me. We have all worked well together to get this job done for the University and I think we have had a modicum of success in this endeavor. I particularly want to thank Jim Shocknessy for the assistance he has been to me. As Don has said, this guy knows more about this University and the Administration of this University than the balance of the Board put together and I am deeply appreciative of the fact that he has been here to help us and guide us. I also would like to make a comment about the plan proposed. I think it is going to be helpful to the University in the future to have a man sitting on the Board who has been Chairman. I hope this plan works. Thanks for the kind words and for the certificate. I sincerely appreciate it.

\* \* \*  
\* \*  
\*

The Board of Trustees recessed and the Board of Control convened.

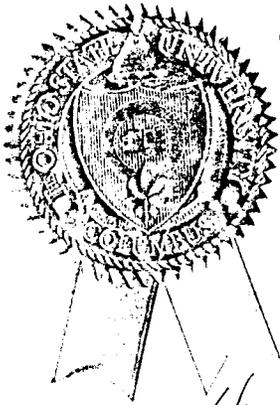
In recognition of duty well performed upon  
completion of distinguished service to the University  
as a dedicated member of the Board of Trustees  
and a faithful custodian of our educational heritage

## The Ohio State University

conveys its deep appreciation  
and good wishes to

### Frederick R. Eckley

a loyal alumnus of the University



In grateful acknowledgement this certificate is  
presented at The Ohio State University on the  
seventh day of May in the year of our Lord  
nineteen hundred and seventy-three and of the  
University the one hundred and fourth.

*David L. Evans*  
President

*Lawrence W. ...*  
Secretary

May 7, 1973 meeting, Board of Trustees

The Board of Trustees reconvened following the recess.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Professorship of Hebrew in the College of Humanities

The United Jewish Fund and Council of Columbus, Ohio, has committed support in the amount of \$20,000 a year beginning Autumn Quarter 1973 for an initial period of five years to establish a designated Professorship of Hebrew in the College of Humanities at The Ohio State University. At some future date this Professorship of Hebrew may be named as an appropriate memorial or honor. This support will give new impetus as well as add a new dimension of quality to one of the Nation's leading programs of Jewish Studies.

President Enarson recommended that the Board of Trustees approve the establishment of a designated Professorship of Hebrew.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate at a meeting on April 24, 1973, approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated.

Leon N. Cooper	Doctor of Science
Elizabeth Duncan Koontz	Doctor of Humane Letters
Arthur E. Morgan	Doctor of Humane Letters
George Sinclair	Doctor of Science

President Enarson recommended that these honorary degrees be conferred at a mutually convenient commencement or academic occasion.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Residence Halls Room and Board Rates

President Enarson presented the following statement and recommendations:

I am pleased to report that room and board rates for Undergraduate Residence Halls, as well as the rental rates for Married Student Housing and Neil Hall Apartments for this coming year will remain at this current year's level.

I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates (continued)

President Enarson (continued)

In reviewing the charges for the Post-Baccalaureate student housing, an increase in the rates within this area is essential. At the same time to meet the increased demand for Post-Baccalaureate housing we will convert space presently assigned to undergraduates to Post-Baccalaureate units. It is expected that this trend will continue as the undergraduate enrollment stabilizes.

President Enarson recommended that the following schedule of rates for residence services, with the effective dates as indicated, be adopted:

<u>Effective Summer Quarter, 1973</u>	<u>Current Rate</u>	<u>Recommended Rate</u>
Jones Graduate Tower		
Single Room	\$210 per quarter	\$231 per quarter
Double Room (each occupant)	180 per quarter	198 per quarter
Morrison Tower		
Single Room	--	210 per quarter
Double Room (each occupant)	--	180 per quarter

It was recommended further that the University administration be authorized to establish rates for other resident services in general conformity with the above schedule of rates.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved by unanimous roll call vote the foregoing recommendations.

D. Quarterly Review of Current Funds Budget

The status of the Current Funds Budget for the quarter ended March 31, 1973, has not changed significantly from the quarterly report presented to and approved by the Board of Trustees as of December 31, 1972. The major factor which necessitates modification in the annual budget, the subsidy and fee support based upon the actual Autumn Quarter enrollment, was incorporated in the December report. No further adjustments are required at this time.

President Enarson recommended that the foregoing report be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

\*

\*

\*

May 7, 1973 meeting, Board of Trustees

## II. PERSONNEL CHANGES

Personnel changes since the April 6, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Appointments

Kenneth W. Sloan, Executive Director, The Ohio State University Research Foundation, effective September 1, 1973, at a salary of \$31,008.00 per annum (twelve-month appointment).

Stuart H. Loory, Visiting Professor (Kiplinger Chair), School of Journalism, effective July 1, 1973, at a salary of \$25,968.00 per annum (twelve-month appointment).

Thomas E. Powers, Professor and Chairman, Department of Veterinary Physiology and Pharmacology, effective immediately, at a salary of \$27,048.00 per annum (twelve-month appointment).

### B. Leaves of Absence Without Salary

Merton L. Dillon, Professor, Department of History, effective October 1, 1973 through September 30, 1974, to accept a Senior Fellowship from the National Endowment for the Humanities.

Wolfgang Krieger, Professor, Department of Mathematics, effective April 1, 1973 through June 30, 1973, to work at the University of Gottingen, Gottingen, West Germany.

Earl F. Murphy, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to work full time for the Ohio Environmental Board of Review.

Thomas M. Ostrom, Professor, Department of Psychology, effective October 1, 1973 through September 30, 1974, to become a Visiting Professor of Psychology at the University of Bergen in Bergen, Norway.

Alan Schwarz, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to accept a one-year appointment at Rutgers, The State University, School of Law.

H. Yuan Tien, Professor, Department of Sociology, effective July 1, 1973 through September 30, 1973, to teach and do research in the Department of Sociology at the University of Hong Kong.

May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Michael L. Benedict, Assistant Professor, Department of History, effective October 1, 1973 through September 30, 1974, to accept a fellowship award to the Institute of Advanced Study.

Ronald W. Hart, Assistant Professor, Department of Radiology, effective April 1, 1973 through September 30, 1973, to work on a project at Oak Ridge National Laboratories.

Leonhard A. Miller, Assistant Professor, Department of Mathematics, effective April 1, 1973 through June 30, 1973, to continue work at the University of Gottingen, Gottingen, West Germany.

Dian Bower, Instructor, Cooperative Extension Service, effective April 1, 1973 through June 30, 1973, to work on her Master's degree.

Inez M. Freeman, Instructor, Newark Regional Campus, effective April 1, 1973 through December 31, 1973, to accept a fellowship with the National Endowment for the Humanities, Washington, D. C.

Myron H. Warner, Instructor, Cooperative Extension Service, effective April 1, 1973 through June 30, 1973, to fulfill a plant analysis consultancy mission to Malaysia.

C. Emeritus Titles

Ronald B. Thompson, Office of Educational Services, with the title Executive Dean Emeritus, effective July 1, 1973.

Lucile B. Alexander, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Henry J. Barre, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1973.

E. Milton Boone, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1973.

Helen A. Cameron, Department of Economics, with the title Professor Emeritus, effective July 1, 1973.

John F. Cuber, Department of Sociology, with the title Professor Emeritus, effective September 1, 1973.

May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Alfred B. Devereaux, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1973.

Helene Heye, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Clifford L. James, Department of Economics, with the title Professor Emeritus, effective July 1, 1973.

Emmett H. Karrer, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1973.

Charles J. Koenig, Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1973.

Frederick W. Maguire, School of Journalism, with the title Professor Emeritus, effective July 1, 1973.

Salvatore M. Marco, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1973.

Raymond F. Sletto, Department of Sociology, with the title Professor Emeritus, effective September 1, 1973.

Maude A. Stewart, Department of Psychology, with the title Professor Emeritus, effective September 1, 1973.

Alma F. Tapscott, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Inez Ray Wells, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective July 1, 1973.

Willard H. Wolf, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1973.

Ralph J. Woodin, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1973.

Herbert G. Mote, College of Optometry, with the title Associate Professor Emeritus, effective July 1, 1973.

Emmanuel Varandyan, Department of English, with the title Associate Professor Emeritus, effective July 1, 1973.

May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Catharine M. Williams, Academic Faculty of Curriculum and Foundations, with the title Associate Professor Emeritus, effective July 1, 1973.

Leona S. Markel, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1973.

Anne E. Penrod, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1973.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\* \* \*

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson made the following statement concerning "Trends in Research Activity"

The research contracts and grants reported today include an impressive number of projects ranging in subject from cancer investigations to educational materials for training programs concerning air pollution. Not apparent from this single monthly summary of sponsored research, however, is a changing pattern in the type and size of research programs awarded on this campus.

An analysis of recent funding shows that the programs are tending progressively to become larger and to cut across departmental lines. To date this fiscal year, the contract average for 265 projects funded by outside agencies is \$50,561. The current month's average is close to that figure--nearly \$49,000. At this time last year, the average was \$39,891, and two years ago, lower still at \$33,803.

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

President Enarson's statement (continued)

This may well indicate that the 'one-man, one-grant' concept of research funding is declining in favor of the larger, multidisciplinary concept. Also, most research now tends to be oriented toward specific problems. We see additionally that outside funds for research equipment purchases have diminished in recent years.

It may be too early to assess the real impact of this trend. Yet we are clearly in a period of transition in our sponsored research-- a period that could result in difficulties for some faculty, since certain aspects of the change appear to bear upon the basic matter of the personal style of doing research.

Fortunately Ohio State as a comprehensive institution is in a strong position to respond to the changes we think we see on the horizon. The wide array of research talent and facilities available here provide opportunities for the interdepartmental cooperation and pooling of resources that can attract the larger programs.

The Research Foundation staff has been an asset in this effort. Earlier in this meeting there was action on the appointment of Dr. Sloan as executive director of the Foundation. His credentials are, I believe, outstanding, and he is well versed in all aspects of university research and sponsor relations. The Foundation also has others on its development staff who can provide valuable assistance in making the approaches and helping in the adjustments that the new conditions may require.

Moreover, the technical facilities that the Research Foundation has at its disposal likewise can be of considerable aid. For example, a computerized program known as Proposal Award Information Retrieval System (PAIRS) developed the information just presented on trends in research projects. PAIRS is still in the pilot stage, but it gives promise of becoming an important tool for analyzing and forecasting the directions of research as well as providing many other kinds of information throughout this entire area.

In the 36 years since its creation, the projects administered through the Research Foundation have grown in annual dollar volume to nearly \$18 million. In the past year nearly 700 students were directly involved as researchers in 733 Foundation projects.

I am personally confident that the expertise and achievement of the University faculty, plus the increasing capabilities of the Research Foundation, can be a winning combination in future research activity at Ohio State.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the April 6, 1973 meeting of the Board be accepted.

S U M M A R Y

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	20	\$ 651,098.21
The Ohio State University Research Foundation	45	2,194,603.00
The Engineering Experiment Station	2	42,533.00
The Ohio State University Development Fund	1,095	430,861.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

- a. \$97,096.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry - Basic Residency - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH08458-10)
- b. \$87,276.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Preventive Medicine Curriculum Augmentation, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D04 AH01113-08)
- c. \$66,654.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH05061-27)
- d. \$54,378.21 granted by Department of Transportation, National Highway Traffic Safety Administration, Office of Contracts and Procurement, Washington, D. C., to the University for Revision and Update of Traffic Safety Manpower Training Program Development Guide, under the direction of the Center for Vocational and Technical Education. (Contract No. DOT-HS-115-3-647)
- e. \$51,474.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50413-02)
- f. \$50,503.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Family Centered Practicum - Developmental Disabilities, under the direction of the Nisonger Center, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D12 AH00135-03)
- g. \$43,965.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Hospital and Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50407-02)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- h. \$38,073.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50402-02)
- i. \$30,712.00 granted by National Endowment for the Humanities, Washington, D. C., to the University for support of summer seminar project entitled "Tragic and Comic Forms in the Novel," under the direction of the Department of English, for the period March 1, 1973 through September 30, 1973. (Grant No. FS-9386-73-246)
- j. \$24,700.00 granted by Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Office of Developmental Disabilities, Columbus, Ohio, to the University for A Continued Development of the Advocacy Model, under the direction of the Nisonger Center. This grant is made under P. L. 91-517.
- k. \$22,160.00 granted by National Science Foundation, Washington, D. C., to the University for Undergraduate Research Participation, under the direction of the College of Pharmacy. This grant will expire on May 31, 1974. (Grant GY-10651, Proposal No. 3/2672)
- l. \$21,061.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Communications Division - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D12 AH00340-03)
- m. \$18,621.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Medical Records Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50410-02)
- n. \$16,000.00 granted by National Science Foundation, Washington, D. C., to the University for Undergraduate Research Participation, under the direction of the Department of Chemistry. This grant will expire on May 31, 1974. (Grant GY-10630, Proposal No. 3/2415)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- o. \$11,878.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Hospital - Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 A04 AH00022-05)
- p. \$9,010.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Teaching in Coordinated Undergraduate Dietetic Education, under the direction of the School of Allied Medical Professions, for the period June 11, 1973 through June 22, 1973. (Grant No. 1 A13 AH00104-01)
- q. \$3,994.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Advanced Traineeship/Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 A02 AH00204-02)
- r. \$2,193.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Electropharmacological Control of Cardiac Function - Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period October 1, 1972 through June 30, 1973. (Grant No. 3 K03 HL11929-09S1)
- s. \$750.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to the University for recruiting students for work-study programs, under the direction of the Department of Black Studies, for the period January 1, 1973 through March 30, 1973.
- t. \$600.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Chromosome: Regulation, Organization and Function - Development Award - Research Career Program, under the direction of the Department of Microbiology, for the period January 1, 1973 through December 31, 1973. (Grant No. 1 K04 GM70300-01)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period March 1, 1973 through March 31, 1973.

1. Federal Research Contracts

- a. Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Acquisition, Analysis, and Compilation of Instructional Materials for Training Programs Concerning Air Pollution (to be known as Project No. 2228 - Mod. #13 - Academic Faculty of Science and Mathematics Education).  
Gross Value - \$156,630.00.
- b. U. S. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-E - Mod. #3 - Department of Chemistry).  
Gross Value - \$47,197.00.
- c. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-A1 - Mod. #4 - Department of Metallurgical Engineering).  
Gross Value - \$32,000.00.
- d. Department of Air Force, 4950th Test Wing (Technical), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Stress Corrosion Cracking of Titanium and Titanium Base Alloys in Aqueous and Gaseous Media (to be known as Project No. 3418-A1 - Mod. #P00002 - Department of Metallurgical Engineering).  
Gross Value - \$21,000.00.
- e. Department of Air Force, 4950th Test Wing (Technical), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, RCS Reduction Studies (to be known as Project No. 3622-A1 - New - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$70,000.00.
- f. Department of Health, Education, and Welfare, Office of the Secretary, Washington, D. C., Planning, Conducting, and Reporting Upon a Conference Concerned with the Legal Rights of Retarded Citizens (to be known as Project No. 3630-A1 - New - College of Law).  
Gross Value - \$112,000.00.
- g. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Isoplanatic Patch Size Measurements at 10.6 Microns (to be known as Project No. 3638-A1 - New - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$74,917.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Office of the Director, Bethesda, Maryland, Development and Presentation of an Instructional Course Entitled Program Officials Guide to Contracting (to be known as Project No. 3647-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$12,754.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Bronchogenic Carcinoma (to be known as Project No. 3648-A1 - New - Department of Surgery).  
Gross Value - \$123,200.00.

TOTAL - Federal Research Contracts \$649,698.00

2. State Research Contract

- a. Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, A Designed Treatment Program of Sociopathy by Means of Drugs - Part II (to be known as Project No. 3631-A1 - New - College of Administrative Science, Division of Public Administration and Department of Psychiatry).  
Gross Value - \$32,305.00.

3. Industrial and Other Research Contracts

- a. Union Carbide Corporation, Oak Ridge, Tennessee, Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials (to be known as Project No. 2918-B - Ltr. Dtd. 2/8/73 - Department of Welding Engineering).  
Gross Value - \$10,000.00.
- b. General Electric Company, Cincinnati, Ohio, Test Program for NASA Choked Inlet .229 Scale Model (to be known as Project No. 3602-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,200.00.
- c. Rockwell International, Columbus, Ohio, Studies of Thrust Augmentation Systems (to be known as Project No. 3625-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$10,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts (continued)

- d. Bolt, Beranek & Newman, Inc., Cambridge, Massachusetts, Development, Preparation, and Delivery of Instructional Materials for Patient Education Systems (to be known as Project No. 3632-A1 - New - College of Medicine).  
Gross Value - \$6,000.00.
- e. Rockwell International Corporation, Tulsa, Oklahoma, Measurement of High Power Breakdown Strength of Resonant Arrays (to be known as Project No. 3635-A1 - New - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$2,000.00.
- f. University of Pittsburgh, Pittsburgh, Pennsylvania, Study of Treatment of Primary Breast Cancer (to be known as Project No. 3639-A1 - New - Department of Surgery).  
Gross Value - \$7,000.00.
- g. World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Systemic Effects of Copper Intra-Uterine Devices (to be known as Project No. 3640-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Contracts \$46,200.00

4. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as Project No. 1094-M - Ext. #13 - Department of Medicine).  
Gross Value - \$55,029.00.
- b. 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 (to be known as Project No. 2012-H - Ext. #8 - Department of Physiological Chemistry).  
Gross Value - \$35,025.00.

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- c. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #7 - Department of Geodetic Science). Gross Value - \$17,500.00.
- d. Department of Air Force, Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Project No. 2768 - Mod. #AFOSR-69-1710G - Department of Electrical Engineering, ElectroScience Laboratory). Gross Value - \$60,000.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A4 - Ext. #4 - College of Veterinary Medicine). Gross Value - \$16,068.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A3 - Ext. #2 - Department of Surgery). Gross Value - \$27,846.00.
- g. National Science Foundation, Washington, D. C., Mechanized Information Center (to be known as Project No. 3182-A1 - Amend. #3 - University Libraries). Gross Value - \$341,300.00.
- h. Department of Air Force, Office of Scientific Research, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Multi-Sensor Environments (to be known as Project No. 3183-A1 - Mod. #AFOSR-71-3048D - Department of Electrical Engineering). Gross Value - \$70,000.00.
- i. Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Designing New Patterns for Training Research, Development, Demonstration/Dissemination and Evaluation Personnel in Education (to be known as Project No. 3185-A1 - Rev. #4 - Academic Faculty of Educational Development). Gross Value - \$153,126.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Extrarenal Renin and Intrarenal Blood Flow (to be known as Project No. 3209-A3 - Ext. #2 - Department of Medicine).  
Gross Value - \$29,225.00.
- k. National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures (to be known as Project No. 3228-A1 - Amend. #2 - Department of Mathematics).  
Gross Value - \$5,700.00.
- l. National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures (to be known as Project No. 3370-A1 - Amend. #1 - Department of Physics).  
Gross Value - \$85,900.00.
- m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Effect of Periodontopathies on Periodontal Mechanics (to be known as Project No. 3392-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$7,500.00.
- n. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Modification of Cellular Immunity to Neoplasta in Man (to be known as Project No. 3399-A2 - Ext. #1 - Department of Medicine).  
Gross Value - \$31,299.00.
- o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Biomechanical Analysis of Tooth Supportive Structures (to be known as Project No. 3404-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$11,149.00.
- p. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biochemical Mechanisms in Cardiac Hypertrophy (to be known as Project No. 3405-A2 - Ext. #1 - Departments of Pathology and Medicine).  
Gross Value - \$62,323.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- q. National Science Foundation, Washington, D. C., Operator Ergodic Theory (to be known as Project No. 3447-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$20,000.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Dynamics of O<sub>2</sub> and CO<sub>2</sub> Regulation (to be known as Project No. 3464-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$29,991.00.
- s. Department of Air Force, Office of Scientific Research, Arlington, Virginia, Ignition, Combustion, Detonation, and Quenching of Subsonic and Supersonic Flowing Reactive Mixtures (to be known as Project No. 3641-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$39,919.00.
- t. National Science Foundation, Washington, D. C., Building Environmental Control Systems for Energy Conservation (to be known as Project No. 3642-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$155,700.00.
- u. National Science Foundation, Washington, D. C., Relationship of Membrane States to Growth Performance in Plant Tissues (to be known as Project No. 3643-A1 - New - Department of Botany).  
Gross Value - \$24,500.00.
- v. National Science Foundation, Washington, D. C., Workshop on Scientific International Relations Research (to be known as Project No. 3645-A1 - New - Department of Political Science).  
Gross Value - \$15,100.00.
- w. National Science Foundation, Washington, D. C., Inverse Theorems for Regularly Varying Sequences and Functions and Its Application to Nuclear Physics (to be known as Project No. 3646-A1 - New - Department of Mathematics).  
Gross Value - \$3,900.00.
- x. National Science Foundation, Washington, D. C., Research Initiation - Optimization of the Visual Vocoder for Speech Therapy (to be known as Project No. 3650-A1 - New - Department of Electrical Engineering).  
Gross Value - \$17,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- y. National Science Foundation, Washington, D. C., A Cytotaxonomic Investigation of Subtribe Lagasceinae (Compositae, Heliantheae) (to be known as Project No. 3651-A1 - New - Department of Botany).  
Gross Value - \$11,400.00.
- z. National Science Foundation, Washington, D. C., Research Initiation - Respiratory Impedance Evaluation (to be known as Project No. 3652-A1 - New - Department of Electrical Engineering).  
Gross Value - \$17,000.00.
- aa. National Science Foundation, Washington, D. C., Equipment Grant: Fourier Transform Nuclear Magnetic Resonance Spectrometer (to be known as Project No. 3654-A1 - New - Department of Chemistry).  
Gross Value - \$120,900.00.

TOTAL - Federal Research Grants \$1,464,400.00

5. Industrial and Other Grant

- a. Columbus Foundation, Columbus, Ohio, Conference on Visual and Performing Arts in Higher Education (to be known as Project No. 3644-A1 - New - Division of Art).  
Gross Value - \$2,000.00.

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period March 1, 1973 through April 1, 1973.

1. Government Research Contract

EES 328X    Use of Driver Display and Control Aids to Stabilize and  
Ext. #5    Improve Traffic Flow, Ohio Department of Transportation,  
Columbus, Ohio.  
Gross Value - \$4,400.00.

2. Industrial Research Contract

EES 439X    Coupled Heat and Mass Transfer Processes, NABISCO,  
Inc., New York, New York.  
Gross Value - \$38,133.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through March 31, 1973

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	20,859		\$ 481,624.00
Major Resources Group			
Major Individual Gifts	561	\$2,139,474.00	
Corporate Gifts	375	960,341.00	
Foundation and Non- profit Organiza- tion Gifts	<u>337</u>	<u>1,126,457.00</u>	
Total			4,226,272.00
Grand Total	22,132		<u>\$4,707,896.00</u>

2. Gifts of \$5,000 or More

- a. \$100,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Chair in Public Affairs in the School of Journalism.
- b. \$43,714.11 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
- c. \$35,000.00 from the Bremer Foundation, Youngstown, Ohio, for the College of Medicine.
- d. \$25,000.00 from Grand Aerie Fraternal Order of Eagles, Columbus, Ohio, for heart research in the College of Medicine.
- e. \$16,000.00 from the Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in Business.
- f. \$13,687.50 from an anonymous donor for cancer research.
- g. \$11,375.00 from CIBA-GEIGY, Summit, New Jersey, for research in the College of Medicine.
- h. \$10,000.00 from Mildred Dee Benham Estate, Cleveland, Ohio, for research in the College of Veterinary Medicine.
- i. \$10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, to support the Lamme Power Systems Laboratory.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- j. \$9,500.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
- k. \$6,937.55 from Searle Diagnostic, Inc., Columbus, Ohio, for cancer research.
- l. \$6,180.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- m. \$6,000.00 from the Upjohn Company, Kalamazoo, Michigan, for research in the College of Medicine.
- n. \$5,800.00 from Babcock and Wilcox Company, Alliance, Ohio, to provide a fellowship for full-time graduate students in the Department of Metallurgical Engineering.
- o. \$5,432.00 from Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
- p. \$5,204.25 from Mr. and Mrs. Cyrus H. Sedgwick, Columbus, Ohio, to support the thesis fund in Child Development in memory of their daughter.
- q. \$5,000.00 from Noba, Inc., Tiffin, Ohio, for its research fund in the Department of Dairy Science.
- r. \$5,000.00 from Ohio Florists Association, Columbus, Ohio, for its fellowship fund in the Department of Horticulture.

3. Establishment of Named Fund

- a. \$2,500.00 from the family of Donald Jay Brandt for the establishment of The Donald Jay Brandt Memorial Scholarship Fund.

The Donald Jay Brandt Memorial Scholarship Fund

The Donald Jay Brandt Memorial Scholarship Fund was established May 7, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the family of the late Donald Jay Brandt, B. A. '72, in his memory.

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

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Fund (continued)

a. The Donald Jay Brandt Memorial Scholarship Fund (continued)

The annual income is to be used to provide one or more scholarships for undergraduate students in the Humanities who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

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

\* \* \*

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported.

A. Stillman Hall Improvements

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$69,630.00	\$86,591.74	\$16,961.74

Additional work was required by the Division of Workshop and Factories, State of Ohio, to enclose the stairwells to comply with the Ohio Building Code.

Funds have been provided from Budget Account 801260, HB 531, and HB 988.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\* \* \*

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Substation "C"--Underground Cables and Equipment

This project will replace obsolete equipment and provide adequate capacity for future requirements. The 4.16 KV electrical equipment serving the South Campus area is 30 years old, obsolete, and inadequate for the present day electrical requirements.

Funds are budgeted in SB 457 (Utilities and Renovations) and HB 988 (Electrical System Expansion).

B. Joseph Sullivant Hall, Remodeling

The Ohio Historical Society Museum, now known as Joseph Sullivant Hall, is to be remodeled to accommodate the Museum of Zoology, Department of Dance, Undergraduate Library, Music Library, Fine Arts Library, and a Fine Arts Gallery.

Funds are budgeted in Budget Account 801095 (Undergraduate Library), HB 828, Item 315-061 (Board of Regents).

C. Polo Field--Parking Lot Renovation

The existing parking lot is to be expanded by 37 to 40 cars to help meet the increasing needs of the area. The entire lot will then be drained and surfaced to make a good all-weather parking facility.

Funds are budgeted in Budget Account 801281 (Polo Field Parking Lot).

D. Tennis Courts--Repairs and Restoration

This project includes pavement removal and replacement, base repairs, drainage repairs, necessary net repairs, sealing surface with non-tracking sealers and paint striping of courts. The program will restore the surface to tournament standards.

Funds are budgeted in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

May 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Hopkins Hall, Hughes Hall--Exterior Masonry Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 3-5-73)		
Coatings Application and Waterproofing Company (St. Louis, Mo.)	\$ 52,600.00	\$ 57,720.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

B. Elevator Repairs--Haskett Hall, McCracken Power Plant, McPherson Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 4-19-73)		
Waller & Lund, Inc. (Columbus)	\$114,460.00	\$126,000.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

VII. REPORT OF CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 19 Approves the release of \$230,000 for the awards of contracts on the project "Southeast Ohio Area Extension Center." Funds are available in HB 988, Item 315-084.
- 20 Approves the release of \$135,000 for the award of the contract on the project "McCracken Power Plant, Electric Utility Tie." Funds are available in HB 988, Item 315-074 (Utilities and Renovations).

\*

\*

\*

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Purchase of Property

President Enarson recommended that the following resolution be adopted:

WHEREAS, upon application by this University, the Board of Regents and the Controlling Board of the State of Ohio approved the purchase of residential property located at 285 Croswell Road, Columbus, Ohio, with title to be taken in the name of the Board of Trustees of The Ohio State University, and

WHEREAS, by earlier action of this Board authorization was given for title to be taken in the name of the State of Ohio, and

WHEREAS, because of the desirability to have the title of this property held directly by the Board of Trustees of this University,

NOW THEREFORE, BE IT RESOLVED that the Secretary of this Board be authorized upon entering into a contract for the purchase of the above realty to take title in the name of the Board of Trustees of The Ohio State University.

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

Mr. Shocknessy requested that since the Committee appointed to acquire a residence for the President has completed its work that it be discharged.

\*

\*

\*

IX. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Theodore N. Beckman, Professor Emeritus in the College of Administrative Science - Faculty of Marketing; Carl R. Bibbee, County Extension Agent Emeritus in the Cooperative Extension Service; Forest W. Dean, Extension Forester Emeritus in the Cooperative Extension Service; Adolf Haas, Clinical Associate Professor in the Department of Psychiatry; George F. Henning, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology; and Thomas C. Holy, Director Emeritus of the Bureau of Educational Research in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Theodore N. Beckman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 20, 1973, of Theodore N. Beckman, Professor Emeritus in the College of Administrative Science - Faculty of Marketing.

Dr. Beckman was born in Russia on September 3, 1895. He attended The Ohio State University and received the baccalaureate degree in Business

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Theodore N. Beckman (continued)

Administration in 1922 and the doctorate in 1924. He advanced as a faculty member at the University from Assistant Professor in 1924 to Professor in 1932 and was designated Professor Emeritus in 1966.

Recognized as an authority in all aspects of marketing, Dr. Beckman was continuously active as a professional consultant for government and business enterprise. He was in charge of the first Wholesale Census of Distribution of the Bureau of the Census in 1929-32 and advised such organizations as the U. S. Department of Commerce, the Florida Attorney General's Office, the U. S. Department of Labor, the U. S. National Defense, the War Production Board, and the Ohio Attorney General's Office.

Dr. Beckman's expertise and dedication were recognized at various stages throughout his career. He received the Paul D. Converse Award as Marketing Man of the Year in 1959, the Distinguished Teaching Award of The Ohio State University in 1962, and the Centennial Achievement Award of the University. In 1971, he was named Man of the Year for Men's O.R.T. Dr. Beckman achieved international recognition as one of the only two recipients of the Golden Mercury Award of the Netherlands Association of Marketing in 1971.

Dr. Beckman's career was distinguished by active involvement in many educational, professional and public service organizations including the American Economics Association, the American Association of University Professors, the American Marketing Association, the American Statistical Association, the National Institute of Credit Men, The Distribution Research and Education Foundation, the Newcomen Society, the Cosmos Club of Washington, D. C., the Board of Hillel Foundation, the Board of Trustees of the Columbus Symphony, the Advisory Board of United Jewish Fund and Council, the Board of Directors of the Development Fund of The Ohio State University, and the Presidents Club of the University. In addition, Dr. Beckman was a member of several honorary academic fraternities.

Throughout the world Dr. Beckman was known for his pioneering work in wholesaling and his special contributions to such innovative marketing areas as value-added productivity, efficiency, input-output analysis and anti-trust matters. As the author and co-author of more than two dozen books, Dr. Beckman's interest and knowledge in the field of marketing will be long remembered. In every aspect of Dr. Beckman's career, his special ability to teach was profoundly evident. He exemplified to the fullest a combination of dedicated teacher and adviser, knowledgeable consultant and associate, and valued friend.

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

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Carl R. Bibbee

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 29, 1973, of Carl R. Bibbee, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Bibbee was born November 9, 1897, in Walker, West Virginia. He was graduated from Parkersburg, West Virginia, high school in 1915. The Bachelor of Science in Agriculture degree was received from West Virginia University in 1921. Additional education towards a Master of Science degree was undertaken at Cornell University in 1938.

Prior to joining the faculty of The Ohio State University on February 1, 1924, Mr. Bibbee was employed as County Agricultural Agent in Cabell County, West Virginia, from August 1, 1921 to January 31, 1924. For the first eleven years of employment in Hamilton County his responsibilities were for the 4-H club program. In 1935 he was named County Agricultural Agent - the position which he held until retirement December 31, 1957.

Mr. Bibbee was a dedicated and highly respected leader in Hamilton County as well as among his peers within and beyond the State of Ohio. He served as President of the Ohio Cooperative Extension Agents Association in 1943. His service also included directorship of the Ohio Association and the National County Agricultural Agents Association. As recognition of his outstanding accomplishments he was awarded the Certificate for Distinguished Service by the National County Agricultural Agents Association. He will long be remembered for his outstanding contribution as an educational leader in Hamilton County.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Bibbee 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 Mrs. Bibbee as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

C. Forest W. Dean

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 9, 1973, of Forest W. Dean, Extension Forester Emeritus in the Cooperative Extension Service.

Mr. Dean was born December 14, 1893, at Homer, Ohio, where he was graduated from high school in 1912. He received a Bachelor of Science in Forestry degree from The Ohio State University in 1916. Graduate work in Botany, Entomology, and Ecology was interrupted at The Ohio State University for a 19-month tour of duty with the U. S. Army Engineers in France. His knowledge and interest in forestry were utilized in his role of cutting and supplying timber needs for the U. S. Army during World War I. He served

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Forest W. Dean (continued)

as an Assistant Forester in the Department of Forestry at the Ohio Agricultural Research and Development Center from 1919 to 1926 and was the Extension Forester at The Ohio State University from 1926 to 1958.

Mr. Dean was a highly respected and dedicated educator in his subject area. He was the author of several popular publications of interest to Ohio farmers and foresters. The booklet "Ohio Trees" was an excellent reference on Ohio tree identification and use. Although written in the late 1930's it is still looked upon as a valuable reference by those who are fortunate enough to have a copy available for use. He was a senior member of the Society of American Foresters and had served as chairman of the Central State Foresters.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Dean 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 Mrs. Dean 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. Adolf Haas

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 18, 1973, of Adolf Haas, Clinical Associate Professor in the Department of Psychiatry.

Dr. Haas was born in Poland on April 25, 1921, and came to the United States in 1951. He received the academic degree of physician by State Board in the State of Hesse Republic of Western Germany in 1950, and degree of Doctor of Medicine in 1951, achieved by dissertation in Experimental Pharmacology.

Dr. Haas interned at Mount Sinai Hospital, Chicago, from 1951 to 1952, and from 1952 to 1955 was resident in Psychiatry and Staff Psychiatrist at Elgin State Hospital, Elgin, Illinois. He had a further year of residency in Psychiatry at Ypsilanti State Hospital, Michigan, and was Board Certified by the American Board of Psychiatry and Neurology in 1959.

In 1960 he joined the faculty of The Ohio State University College of Medicine Department of Psychiatry as Assistant Professor and from 1962 to 1964 was Director of the Out-Patient Division. He was promoted to Clinical Associate Professor in the Department of Psychiatry in 1970, and also held positions in The Ohio State University Departments of Anthropology and Physical Medicine from 1964 to the time of his death.

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Adolf Haas (continued)

Dr. Haas served in the United States military forces from 1955 to 1957. He was very active in community work and served on many committees and organizations including: Governor's Ad Hoc Committee for White House Conference on Aging; Chairman, Mental Health Association of Franklin County; Committee on Community Mental Health Centers; member and then Chairman of the Medical Advisory Committee of the Planned Parenthood Board.

Dr. Haas was a member of the Franklin County Academy of Medicine and served on the Socio-Economic Committee; member of the American Psychiatric Association; American Geriatrics Society; American Medical Society (State and local chapters); American Society of Gerontology; and Central Ohio Neuropsychiatric Society. He was the author of a dozen publications.

At the time of his death he was engaged full time in private practice of psychiatry; held staff appointments at The Ohio State University Hospitals, Mount Carmel Hospital, and Harding Hospital; and taught students in several disciplines--nursing, physical medicine, psychiatry.

On behalf of The Ohio State 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 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.

E. George F. Henning

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 21, 1973, of George F. Henning, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Born in Defiance County, Ohio, in 1896, Professor Henning received three degrees from The Ohio State University; the Bachelor of Science in Agriculture in 1920, Master of Science in 1925, and Doctor of Philosophy in 1933. After completing his Bachelor's degree he was County Extension Agent in Mercer County from 1920 to 1924. He joined the Ohio Agricultural Research and Development Center part time in 1924 as an Assistant Professor while doing graduate work. As a part of his Ph.D. studies he held a social science fellowship at the University of California, Berkeley, in 1929-1930. In 1931, while maintaining his appointment with OARDC, he was appointed Assistant Professor on the faculty of The Ohio State University. Throughout his career he retained a research and teaching appointment half time with the University and half time with OARDC. He was promoted to Associate Professor in 1934 and to Professor in 1938. He retired from OSU and OARDC on January 31, 1966, but actively pursued his professional interests for several years thereafter.

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

E. George F. Henning (continued)

Professor Henning was a veteran of World War I. He was a member of Alpha Zeta, professional agricultural fraternity, and Gamma Sigma Delta, agricultural honorary. He was a member of the American Agricultural Economics Association and the American Marketing Association, and served as President of the Central Ohio Chapter of the latter organization. In 1952 he received an award of recognition from the Producers Livestock Association for his pioneer work in the development of our present national system for marketing and merchandising livestock and meat products. In 1960 he served as a member of an International Cooperation Administration study team reporting to the Government of Turkey on a developmental program for agricultural marketing and agricultural credit.

During his long career his contributions in research and teaching were instrumental to the growth of the Department of Agricultural Economics and Rural Sociology. He taught courses in agricultural marketing, agricultural cooperatives, and agricultural business management. His years of research in agricultural marketing were the basis for dozens of technical publications and numerous articles in trade papers and farm magazines. His many undergraduate and graduate students are today established members of the business and professional agricultural community throughout the world.

On behalf of The Ohio State 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 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.

F. Thomas Celestine Holy

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 19, 1973, of Thomas Celestine Holy, Director Emeritus of the Bureau of Educational Research, in the College of Education.

Dr. Holy was born in Vandalia, Iowa, on October 21, 1887. He received the Bachelor of Arts degree from Des Moines University in 1919, after six years of service as a rural school teacher and superintendent of schools in Iowa and after service in the U. S. Army in World War I. He earned the Master of Arts degree in 1922 and the Doctor of Philosophy degree in 1924, both from the State University of Iowa.

After two years of service as Director of Housing and Equipment in the St. Louis public schools, Dr. Holy joined the faculty of The Ohio State University in 1927 as Head of the Survey Division of the Bureau of Educational Research in the College of Education. In 1942 he became Director of the Bureau of Educational Research, in which position he served until his retirement in 1951.

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

F. Thomas Celestine Holy (continued)

During his 24 years of service in the Bureau of Educational Research, Dr. Holy directed or participated in hundreds of surveys and studies of education in some 20 states. He served as president of the American Educational Research Association and of the National Council on School-house Construction (now called the Council of Educational Facility Planners). For seven years he served as chairman of the commission responsible for the planning and building of state residential schools for the blind and the deaf in Columbus. He taught in summer sessions at the following universities: Arkansas, California (Berkeley), Columbia, Cornell, Idaho, and Minnesota.

Following his retirement in 1951, Dr. Holy continued his professional contributions by serving for twelve years as a special consultant in the development of a statewide plan for higher education in California and in developing a long-range plan for the City University of New York.

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.

\*

\*

\*

X. REPORTS

A. Report on the University's Investment Portfolio

The report dated May 4, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

B. Remarks by President Enarson

President Enarson informed the members of the Board

- (1) that the budget requests are presently before the appropriate Senate Committee and that the university presidents would be testifying next week; and
- (2) that he had received a communication from the American Association of University Professors placing the University on censure for the Board's action relating to David E. Green.

\*

\*

\*

May 7, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 2:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Frederick R. Eckley  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 7, 1973

The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, Patricia D. James, and Chester Devenow.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

The Chairman convened the meeting of the Board of Trustees.

---

The Chairman, Mr. Hilliker, introduced the new member of the Board of Trustees of The Ohio State University:

Chester Devenow, who was appointed by Governor John J. Gilligan to succeed Mr. Frederick R. Eckley, for the term beginning May 14, 1973 and ending May 13, 1982.

---

REPORT BY CHAIRMAN

Mr. Hilliker made the following statement:

I would like to take a few moments to express my thoughts on how this Board hopefully can become more effective to this University. I think those of us who have served several years on the Board have at times had a feeling of inadequacy for several reasons: first, perhaps, because we are busy and don't have enough time to devote to some problems that affect the University (this is no reflection, Mr. President, upon you or upon past President Fawcett); I think there has at times been a lack of communication between the administration and the Board. And then I think perhaps there has been lack of sufficient background material in the hands of Board members in sufficient time for them to review the problems and come to some sound judgment. I do not feel that it is the job of this Board to 'run the University.' We have employed a very capable President who, in turn, has surrounded himself with outstanding administrators, deans, faculty, and I think this is his job. I want to assure you, Mr. President, that as far as this Chairman is concerned your job is in no jeopardy for the next 12 months. I do not plan to try to run the University. There are really two reasons for this: first, I don't have enough time and secondly, I don't know how. So I am very happy to have the 'monkey on your back' and I think that I see the Board as having the responsibility of helping the administration, faculty, student body, and alumni when it is practical. I see this Board as having the responsibility of formulating policy and in the final analysis of seeing that the policy is properly carried out. Final responsibility rests squarely with the nine members of this Board of Trustees and as President Truman so aptly put it, 'the buck stops here.' So I am not sidestepping any responsibility, I am trying to say that we must delegate authority and look to those people to carry out what we want done. I am going to suggest a means, hopefully, that will bring this Board of Trustees

June 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Hilliker's statement (continued)

into closer contact with the administration, faculty, students, and alumni and this comes after a lot of consultation with various Board members who have come to me.

I have asked the Secretary to do a rather in-depth study of what I call a committee-structured Board. I really have taken a leaf from Mr. Shocknessy's year of chairmanship which I think he so effectively bridged a gap when he created the committee which has been most ably chaired by Mr. Dunlap. This committee has been able to provide this Board with a better understanding of the problems associated with the research and development program at Wooster. I want to emphasize one thing--I want to make this crystal clear--these are only working committees and they in no way are to erode the authority of this Board to discharge its responsibility in public meetings. The committees are only to help us solve problems, and hopefully, not create any. I think the committees should have specific objectives and an agenda which is set forth to achieve these objectives within a specified time--in this case, one year. At that time, I will request each committee to submit a status and an outlook report. This committee should feel free to go to any part of this University for advice, for staff people, whatever they feel is needed to help solve some of the problems. In this connection, I want to ask the support of the student body, faculty, alumni, and administration.

This Board, the Chairman excepted, is a good Board. It is made up of highly talented, qualified people and they have one interest in mind--the betterment of one of the greatest universities in the country. I now will announce the names of the committees but not the personnel. Within the next two weeks each of you will receive an outline of the duties of these committees, and at that time, I will ask your preference as to what committees you would like to serve on--where you feel you can do the most good. I cannot promise you that, for example, you will all serve on the Finance Committee. However, I can assure you right now that the chairman of the Finance Committee is going to be Mr. Safford. We are fortunate to have him available along with Mr. Shocknessy, Dr. Sirak, and Mr. Dunlap and all of you. There is a tremendous amount of expertise on this Board and we want to take full advantage of it.

Committee Structure, 1973-1974

Finance Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to the University Budget; appropriation requests; fiscal operations; property acquisition and management; and business organization and practices.

June 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Hilliker's statement (continued)

Educational Affairs Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to faculty appointments, status and tenure; all curricula and instruction; admissions, student services including residential services, student organizations, financial aid and discipline; and athletics.

Insurance Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to insurance, risk management, retirement, and employee benefits.

Buildings and Grounds Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to the planning, location, construction and maintenance of University facilities.

OARDC Agenda Review Committee is charged with the responsibility for reviewing all matters requiring the attention or action of the Board of Control so as to assure the close coordination of activities of the Center with those of the University.

That is the committee structure I proposed and at the next meeting I will announce the personnel involved. You have now just witnessed the first and last speech of this Chairman. I am a great believer in the philosophy of the past Chairman, Fred Eckley, 'keep it brief.'

\* \* \* \*  
\* \* \*  
\*

Mr. Hilliker recessed the meeting of the Board of Trustees and convened the meeting of the Board of Control.

\* \* \* \*  
\* \* \*  
\*

The Board of Trustees reconvened following the recess.

RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of J. Forest Craig, Assistant Professor Emeritus in the Department of English; Walter B. Emery, Professor in the Department of Speech Communication; and George W. Kreidler, County Extension Agent Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

RESOLUTIONS IN MEMORIAM (continued)

A. J. Forest Craig

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 18, 1973, of J. Forest Craig, Assistant Professor Emeritus in the Department of English.

Professor Craig was born on February 10, 1881. He earned B. S. and B. A. degrees at the National Normal University and B. A. and M. A. degrees at The Ohio State University.

In 1913 he joined the faculty of the Department of English at The Ohio State University, where he taught until his retirement in 1951.

Professor Craig was a member of the Modern Language Association and the National Council of Teachers of English. His principal research was on the American novel before 1900.

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.

B. Walter B. Emery

The Board of Trustees expresses its sorrow at the death on May 9, 1973, of Walter B. Emery, Professor in the Department of Speech Communication.

Dr. Emery, author of five books and numerous articles on broadcast regulation and international broadcasting, was a leading expert on the regulatory aspects of telecommunications. His works included *Broadcasting and Government: Responsibilities and Regulations* and *National and International Systems of Broadcasting*.

Before entering the teaching profession full time, Dr. Emery was an attorney with the Federal Communications Commission in Washington, D. C. and was Chief of the Renewals and Revocation Division of the F. C. C. from 1946 to 1952.

In 1968, Dr. Emery joined the Ohio State faculty as Professor of Speech Communication. While at Ohio State, he led an international study tour to Europe in 1971 to investigate broadcasting systems there. He also was Director of the Centennial Symposium on Global Broadcasting. This symposium brought leaders of some of the major broadcasting systems of the world to Columbus to discuss mutual problems.

Along with his scholarship, Dr. Emery was also an outstanding teacher of graduate and undergraduate students. He directed some 40 Master's theses and Doctoral dissertations through his productive career.

RESOLUTIONS IN MEMORIAM (continued)

B. Walter B. Emery (continued)

Prior to coming to Ohio State, Dr. Emery was a Professor of Radio and Television at Michigan State University from 1957 to 1968. He also taught at the University of Oklahoma, University of Wisconsin, University of Southern California, George Washington University, and most recently was a visiting Professor at the University of Massachusetts.

Dr. Emery received his Ph. D. degree from the University of Wisconsin, a J. D. from the University of Oklahoma, and a B. A. from Oklahoma Baptist College. Recently Dr. Emery was selected as an "Outstanding Alumnus" by Oklahoma Baptist College.

Dr. Emery was a member of the bar in Ohio, Oklahoma, the District of Columbia, Michigan, and the Federal Communications Commission.

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.

C. George W. Kreitler

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 2, 1973, of George W. Kreitler, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Kreitler was born February 11, 1899, in Warren, Ohio. He attended both Lordstown and Warren High Schools, graduating in 1915 from Warren High School. A Bachelor of Science in Agriculture degree was received from The Ohio State University in 1920. Additional education with credit toward a Master of Science degree was secured from both The Ohio State University and Ohio University.

Mr. Kreitler joined the faculty of The Ohio State University as a County Extension Agent in Pike County on June 15, 1920. He left this position in September 1920 to engage in farming. He returned to Extension employment as a County Agricultural Agent in Meigs County on May 15, 1923. On November 1, 1937, he transferred to Licking County and retired from that position on June 30, 1959. From July 1, 1943 to December 1, 1945, Mr. Kreitler served in the U. S. Army attaining the rank of Major.

Mr. Kreitler was a dedicated and highly respected agricultural leader in Licking County. He was well known and respected among his peers on the Extension faculty. In 1932 and 1933 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 agricultural industry.

RESOLUTIONS IN MEMORIAM (continued)

C. George W. Kreitler (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Kreitler 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 daughters of Mr. Kreitler as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

\* \* \*

INTRODUCTION OF PRESIDENT OF UNDERGRADUATE STUDENT GOVERNMENT

President Enarson introduced Dennis Sargent, President of the Undergraduate Student Government.

Mr. Sargent responded to Dr. Enarson's introduction and indicated that he was anxious for a good relationship with the Board of Trustees during the year.

\* \* \*

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

The University Senate on May 8, 1973, approved a revision of the present Rules for the University Faculty relating to Examinations and Marks. This revision in the Rules was studied for over one year by the Council on Academic Affairs and referred to the various colleges for suggestions and revision before being brought to the University Senate for consideration. Simply stated, this revision

. . . recognizes that examinations in various disciplines differ and accordingly eliminates the requirement that examinations must be "written," and assigns the responsibility for the nature of the final examination in each course to the instructor;

. . . relates the marks A, B, C, D, and E to student performance relative to stated course objectives;

. . . sets a specific time in each quarter when a final grade for I (Incomplete) is to be reported--the sixth Saturday of the quarter following the quarter in which the I was received;

June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

. . . allows freshmen to repeat 15 credit hours of courses in which the grade of D or E has been received with only the grades of the repeated course work counting in the accumulative point-hour average and credit hours toward graduation;

. . . allows students to withdraw from courses without record until the fourth Saturday of a quarter, with the mark W on record until the seventh Saturday of a quarter, and, only upon approval of petition, after the seventh Saturday of a quarter;

. . . clarifies the differences between withdrawal from courses and withdrawal from the University.

The full text of these revisions and modifications is attached. (See Appendix VIII, page 499.)

President Enarson recommended that the foregoing changes in the Rules for the University Faculty, as approved by the University Senate, be adopted by the Board of Trustees, effective Autumn Quarter 1973.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

B. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1970-71 has been received and reviewed by the appropriate officers of the University. The procedures which were noted as needing modification have been implemented in accordance with the suggestions of the Auditor of State.

President Enarson recommended that the Annual Report of the Auditor of State for the fiscal year 1970-71 be accepted and filed with the official documents of the University.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

C. Degrees and Certificates Conferred--Spring Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 8, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IX, page 511.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Budget for the 1973-74 Fiscal Year

President Enarson made the following statement and recommendation:

I am requesting authorization for a provisional budget for 1973-74 for this University, subject to a number of contingencies which might cause changes in both planned income and expenditures. While the Ohio General Assembly has not as yet passed an appropriation bill for higher education for the 1973-75 biennium or acted upon several bills which will affect pay ranges for our classified personnel, the continued operation of the University makes it necessary to propose University expenditure budgets for 1973-74 at this time. This budget which you have before you is balanced, with a minimal but adequate General Reserve of \$2,000,000, assuming the level of support as passed by the Ohio House of Representatives. It should be understood, however, that if there is a greater decline in enrollments than we have anticipated, or further cut-backs in federal support, or an unfavorable court decision on our residency requirement, or finally a substantial change in the appropriation bill which was passed by the Ohio House, adjustments will be required to both income and expenditures to achieve the intent of this expenditure plan. In any case, when we receive our State appropriation, I will resubmit for your consideration this University's budget for 1973-74.

CHARACTERISTICS OF 1973-74 FINANCIAL PLAN

Retrenchment

The most significant element of the 1973-74 budget is the required retrenchment to bring our expenditures in line with the anticipated level of state funding, student fee income, and rapidly increasing fixed costs. The retrenchment for the Columbus campus, summarized below, amounts to over 8 million dollars:

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

<u>Fiscal Category</u>	<u>Academic Units</u>	<u>Operations Units</u>	<u>Total</u>
Personnel Services	\$3,014,000	\$2,285,000	\$5,299,000
Operating	562,000	1,142,000	1,704,000
Equipment	244,000	155,000	399,000
All Other	<u>296,000</u>	<u>422,000</u>	<u>718,000</u>
Totals	\$4,116,000	\$4,004,000	\$8,120,000

The overall average decrease was 5.5% in the academic units and 8% in the operations areas. Similar retrenchment was carried out throughout all other units of the University. To achieve this retrenchment, it was necessary for our colleges, departments, and other operational units to reduce staff, primarily through attrition, reduce operating costs, and in a number of cases curtail programs and commitments. The freeze on hiring which we imposed earlier this year was of material assistance to us in achieving these reductions.

University Services budgets were reduced by an average of 8%. The Research Foundation Administration retrenched by 8%, by eliminating vacant positions, and reducing operating expense. Auxiliary operations budgets were reduced even though no State funds are involved in anticipation of pending fixed cost increases. We also found it necessary to reduce the support level of the student unions. If there is no upward modification in the support levels recently passed by the House of Representatives, retrenchment for the second year of the biennium will mean additional hardships, including loss of more full-time faculty. Though the faculty and staff at Ohio State have generally taken a positive and constructive attitude toward the adjustments incorporated in this budget, cuts of this magnitude continue to create many problems and pressures.

Enrollment

Along with other major state universities around the nation, enrollments at Ohio State have declined. On the Columbus campus, enrollment for fall 1972 was 45,866, down 600 students from our all-time high of the previous fall. Our best estimate for fall 1973 is 44,000 students, or a decline of 4% from 1972; and for fall 1974 the estimate is 43,000 students,

BUDGETS FOR THE 1973-74 FISCAL YEAR

	Estimated 1972-73	Budgeted 1973-74
Current General Unrestricted		
Columbus Campus		
Personnel Services	\$101,315,000	\$ 99,451,000
Operating and Equipment	23,049,000	21,414,000
All Other	<u>8,285,000</u>	<u>6,904,000</u>
Total Columbus Campus	<u>\$132,649,000</u>	<u>\$127,769,000</u>
Regional Campuses		
Administration	\$ 115,000	\$ 131,000
Lima Campus	1,388,000	1,387,000
Mansfield Campus	1,322,000	1,293,000
Marion Campus	905,000	842,000
Newark Campus	1,043,000	1,167,000
Agricultural Technical Institute	<u>339,000</u>	<u>669,000</u>
Total Regional Campuses	<u>\$ 5,112,000</u>	<u>\$ 5,489,000</u>
Departmental Earnings	\$ 4,866,000	\$ 5,323,000
University Services	2,154,000	2,133,000
Research Foundation Administration	<u>1,663,000</u>	<u>1,530,000</u>
Total Unrestricted	<u>\$146,444,000</u>	<u>\$142,244,000</u>
Current General Restricted		
Endowments	\$ 975,000	\$ 1,000,000
Mershon Funds (Restricted)	650,000	700,000
Federal Grants and Contracts	40,962,000	40,795,000
Ohio Grants and Contracts	2,130,000	2,200,000
Engineering Experiment Station	1,775,000	1,735,000
Development Fund Gifts	2,950,000	3,100,000
Other Private Gifts	1,784,000	1,834,000
Conference Accounts	<u>1,150,000</u>	<u>1,200,000</u>
Total Restricted	<u>\$ 52,376,000</u>	<u>\$ 52,564,000</u>
Current General Auxiliaries		
Cooperative Extension	\$ 11,413,000	\$ 11,856,000
University Hospitals	42,966,000	44,900,000
Student Housing	13,426,000	12,978,000
Intercollegiate Athletics	4,262,000	4,174,000
University Bookstores	3,050,000	2,547,000
Student Unions	1,795,000	1,838,000
Parking Facilities	1,400,000	1,481,000
Fawcett Center for Tomorrow	980,000	1,020,000
Facilities Services	2,132,000	1,959,000
Dairy and Meats Laboratories	2,035,000	2,076,000
University Airport	700,000	972,000
Other	<u>442,000</u>	<u>509,000</u>
Total Auxiliaries	<u>\$ 84,601,000</u>	<u>\$ 86,310,000</u>
Total Current General Funds	<u>\$283,421,000</u>	<u>\$281,118,000</u>

SOURCES OF INCOME FOR 1973-74 BUDGET

	Estimated 1972-73	Budgeted 1973-74
Current General Unrestricted		
Columbus Campus		
Instructional Subsidy	\$ 67,871,000	\$ 70,638,000
Student Fees	44,275,000	43,814,000
Carry Forward from 1971-72	4,449,000	-0-
Earnings Operations	5,507,000	4,718,000
Temporary Investments	1,700,000	1,700,000
All Other	<u>3,882,000</u>	<u>1,616,000</u>
Total Columbus Campus	<u>\$127,684,000</u>	<u>\$122,486,000</u>
Regional Campuses		
Lima Campus	\$ 1,615,000	\$ 1,576,000
Mansfield Campus	1,446,000	1,463,000
Marion Campus	997,000	954,000
Newark Campus	1,179,000	1,318,000
Agricultural Technical Institute	<u>375,000</u>	<u>748,000</u>
Total Regional Campuses	<u>\$ 5,612,000</u>	<u>\$ 6,059,000</u>
Departmental Earnings	\$ 5,552,000	\$ 5,419,000
University Services	<u>1,896,000</u>	<u>2,144,000</u>
Total Unrestricted	<u>\$140,744,000</u>	<u>\$136,108,000</u>
Current General Restricted		
Endowments	\$ 1,625,000	\$ 1,700,000
Federal Grants and Contracts	45,050,000	45,000,000
Ohio Grants and Contracts	2,130,000	2,200,000
Engineering Experiment Station	1,925,000	1,865,000
Development Fund	2,950,000	3,100,000
Other Private Gifts and Grants	1,800,000	1,850,000
Conference Accounts	<u>1,150,000</u>	<u>1,200,000</u>
Total Restricted	<u>\$ 56,630,000</u>	<u>\$ 56,915,000</u>
Current General Auxiliaries		
Cooperative Extension	\$ 11,420,000	\$ 11,856,000
University Hospitals	44,248,000	46,636,000
Student Housing	13,657,000	12,994,000
Intercollegiate Athletics	4,439,000	4,809,000
University Bookstores	3,100,000	2,630,000
Student Unions	1,351,000	1,439,000
Parking Facilities	1,478,000	1,480,000
Fawcett Center for Tomorrow	867,000	867,000
Facilities Services	2,133,000	1,974,000
Dairy and Meat Laboratories	2,020,000	1,926,000
University Airport	825,000	1,008,000
Other	<u>509,000</u>	<u>476,000</u>
Total Auxiliaries	<u>\$ 86,047,000</u>	<u>\$ 88,095,000</u>
Total Current General Funds	<u>\$283,421,000</u>	<u>\$281,118,000</u>

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

or a further decline of over 2%. We then expect enrollment to stabilize for the rest of the decade.

These enrollment decreases translate directly into an income decrease from our two major resources: state subsidy and student fees.

Increases

We are a heavily oriented "service" industry. Four of every five dollars are spent for salaries and wages. In the past five years, the average faculty income, after adjustment for inflation, has gone up exactly \$1 per year. Bluntly, the people who work for universities are not sharing in the growth of national real income.

Also, we are experiencing dramatic increases in our other costs:

- \* Water rates were up 13% in 1972-73 and are expected to increase another 11% next year.
- \* Natural gas rates were up 6% this year and will soar another 10% next year.
- \* Blue Cross rates increased 15% this year (\$13.02 to \$15.06).
- \* Unemployment compensation in addition to workmen's compensation became an obligation of the University as of January 1, 1972, by legislative mandate.

There are some increases in prospect that, while not definite, are likely.

- \* Telephone rates are proposed to be increased 38%.
- \* Minimum wage rates may increase as much as 38%, from the existing \$1.60 per hour to \$2.20 per hour.

Of great significance to this University is the State administration's proposal calling for mandated pay increase for classified employees, which while well deserved will cost this University an estimated 6 million dollars for the biennium.

June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

The budget before you provides for selective salary increases of 4% for instructional and professional staff, the anticipated mandated increase for classified employees of 4.5% in addition to the normal step increases, no increases in the operating and equipment budgets to meet inflationary costs, coverage of the fixed cost increases, a retrenchment of over 8 million dollars, and no program improvements.

In summary, I want to emphasize several aspects of our budget for this coming year.

First, with the upward modification by the House in our anticipated appropriation, it is probable that there will be no student fee increase for this coming year. While some may question not asking students to share in the increasing costs of higher education, during the past decade the students' share has risen disproportionately (from 25% of the total support to the presently 35%) with an equivalent reduction in the percentage provided by the State. If the Senate concurs with the funding approach passed by the House, this trend will begin to be reversed.

Second, I had hoped that I would be able to present to you at this time, the general financial plan for the second year of the biennium. However, since we do not have an appropriations act, it would not be very meaningful to discuss our plans for the following year with all of the uncertainties of this coming year. Instead, when our biennial appropriation is known, I will present for your consideration the spending plan for both years of the biennium.

It is recommended then that the provisional budget for the fiscal year 1973-74 with supporting statements be approved and that the Secretary be instructed to incorporate these detailed statements and supporting documents by reference, including the salary rolls and inventory of fees and charges for the fiscal year 1973-74 and to file these materials with the official records of the University.

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

It is recommended also that the final summary statements be prepared for submission at a subsequent meeting of the Board of Trustees, reflecting the actual appropriation received from final action by the Ohio General Assembly including any additional recommendations necessitated by legislative action.

Upon motion of Mr. Safford, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendations with eight affirmative votes and Mr. Shocknessy abstaining.

E. Establishment of the Stanton Youngberg Professorship of Veterinary Medicine

Pursuant to the conditions set forth by the Board of Trustees for the establishment of an endowed professorship, President Enarson recommended that the Stanton Youngberg Professorship of Veterinary Medicine be established at The Ohio State University.

Dr. Stanton Youngberg was awarded the Doctor of Veterinary Medicine degree by The Ohio State University in 1907. In 1954, Dr. Youngberg became the first veterinarian to receive the honorary degree of Doctor of Science from The Ohio State University. Dr. Youngberg was an appreciated guardian of public health and an effectual humanitarian. He designated his Alma Mater as the provider of unbroken opportunity for usefulness to mankind.

Dr. Youngberg bequeathed \$279,000 to the University. The income provided from the endowment will be used to support the Stanton Youngberg Professorship and related programs.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

\*

\*

\*

II. PERSONNEL ACTIONS

Personnel actions since the May 7, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments; Leaves of Absence Without Salary; Emeritus Titles; and Chairmen of Departments, Academic Faculties, and Divisions; and Directors of Schools:

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

A. Appointments

Joanne Wharton Murphy, University Ombudsman, effective September 1, 1973, at a salary of \$24,168.00 per annum (Twelve-month appointment).

Richard H. Armitage, Vice President for Student Affairs, Office of Student Affairs, effective September 1, 1973, at a salary of \$34,068.00 per annum.

Donald P. Anderson, Acting Dean of the College of Education, effective July 1, 1973, at a salary of \$29,928.00 per annum (Twelve-month appointment).

Robert L. Hamlin, Stanton Youngberg Professor of Veterinary Medicine, effective July 1, 1973, at a salary of \$28,128.00 per annum (Twelve-month appointment).

B. Leaves of Absence Without Salary

Robert H. Bremner, Professor, Department of History, effective January 1, 1974 through June 30, 1974, to accept a National Endowment for the Humanities grant.

Francille M. Firebaugh, Professor, School of Home Economics, effective July 1, 1973 through August 31, 1973, to continue with the review of research proposals and assist with home management and family economics programs with USDA - Cooperative State Research Service, Washington, D. C.

Ralph E. Franklin, Jr., Professor, Department of Agronomy, effective July 1, 1973 through August 31, 1973, to continue as soil research scientist with the Atomic Energy Commission, Washington, D. C.

Wolfgang Krieger, Professor, Department of Mathematics, effective July 1, 1973 through March 31, 1974, to continue work at the University of Gottingen, Gottingen, West Germany.

Harold H. Wolf, Professor, College of Pharmacy, effective October 1, 1973 through February 28, 1974, to accept a Fulbright appointment as U. S. lecturer and consultant in Malaysia.

William G. Lycan, Associate Professor, Department of Philosophy, effective January 1, 1974 through June 30, 1974, to accept a visiting professorship at Tufts University.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary (continued)

Guido Mislin, Associate Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to continue work at ETH in Zurich, Switzerland.

Marshall William Swain, Associate Professor, Department of Philosophy, effective January 1, 1974 through March 31, 1974, to do research in Problems in Inductive Logic at Cambridge University in England.

Michael Lin, Assistant Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to work at Jerusalem University, Israel.

Alyce R. Polcyn, Assistant Professor, School of Nursing, effective July 1, 1973 through June 30, 1974, for personal reasons.

Michael James Zwettler, Assistant Professor, Department of Romance Languages, effective October 1, 1973 through March 31, 1974, to accept a National Endowment for the Humanities Fellowship.

Gunta E. Burt, Instructor, College of Pharmacy, effective May 1, 1973 through June 30, 1973, for personal reasons.

Kenneth A. Harkness, Instructor, Department of Agricultural Engineering, effective May 1, 1973 through June 30, 1973, to work on Ph.D. dissertation and to engage in a professional development program in food engineering by working with a commercial firm.

Thomas E. Hipple, Instructor, College of Pharmacy, effective April 1, 1973 through June 30, 1973, to work full time in Children's Hospital Pharmacy.

A. Richard Sentieri, Instructor, Mansfield Campus, effective October 1, 1973 through September 30, 1974, to complete work on his doctorate.

C. Emeritus Titles

James C. Babcock, Department of Romance Languages, with the title Professor Emeritus, effective May 1, 1973.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Emeritus Titles (continued)

Jack O. Evans, School of Music, with the title Professor Emeritus, effective August 1, 1973.

Nellie F. Jennings, University Library, with the title Professor Emeritus, effective July 1, 1973.

John H. McDowell, Department of Theatre, with the title Professor Emeritus, effective September 1, 1973.

Dorothy Permar, College of Dentistry, with the title Professor Emeritus, effective July 1, 1973.

William H. Ewing, Department of Speech Communication, with the title Associate Professor Emeritus, effective July 1, 1973.

Norris E. Lenahan, Department of Anesthesiology, with the title Associate Professor Emeritus, effective July 1, 1973.

James W. Long, Department of Ophthalmology, with the title Assistant Professor Emeritus, effective July 1, 1973.

D. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools

Reappointment of the following persons to terms as Department Chairmen and Directors of Schools, (normally four years), effective as indicated:

July 1, 1973 through June 30, 1977

Agricultural Education	Ralph E. Bender
Agricultural Engineering	Gordon L. Nelson
Agronomy	Garth W. Volk**
Animal Science	George R. Johnson
Chemistry	Leon M. Dorfman
Dance	Helen P. Alkire*
Electrical Engineering	M. O. Thurston
Engineering Graphics	Clyde H. Kearns, Jr.*
Entomology	D. Lyle Goleman

---

\*New appointment.

\*\*Term July 1, 1973 through June 30, 1975.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Chairmen of Departments, Academic Faculties,  
and Divisions and Directors of Schools (continued)

July 1, 1973 through June 30, 1977 (continued)

German	Charles Hoffmann
Health, Physical Education and Recreation, School of	Lewis A. Hess
Industrial Design	Charles Wallschlaeger*
Medicine	James V. Warren
Microbiology	Robert M. Pfister
Physiological Chemistry	David G. Cornwell
Poultry Science	Edward C. Naber
Psychiatry	Ian W. Gregory
Veterinary Physiology and Pharmacology	Thomas E. Powers**
Zoology	Tony J. Peterle

October 1, 1973 through September 30, 1977

Black Studies	William E. Nelson, Jr.
---------------	------------------------

November 1, 1973 through October 31, 1977

Political Science	Randall B. Ripley
-------------------	-------------------

January 1, 1974 through December 31, 1977

Economics	Jon S. Cunnyngnam
-----------	-------------------

Reappointment of the following persons to three-year terms as Chairmen  
of Academic Faculties, effective as indicated:

July 1, 1973 through June 30, 1976

Special Services	James Wigtil
------------------	--------------

October 1, 1973 through September 30, 1976

Marketing	James F. Robeson*
-----------	-------------------

Reappointment of the following persons to one-year terms as Chairmen  
of Divisions, effective as indicated:

July 1, 1973 through June 30, 1974

Administrative and Social Sciences (Pharmacy)	T. Donald Rucker*
--	-------------------

---

\*New appointment

\*\*Acting Chairman since December 1, 1972.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Chairmen of Departments, Academic Faculties,  
and Divisions and Directors of Schools (continued)

July 1, 1973 through June 30, 1974 (continued)

Art	Francis Ruzicka
Clinical Pharmacy and and Professional Practice	Clifton J. Latiolais*
Comparative Literature and Languages	Wayne Lawson
Dental Hygiene	Nancy M. Reynolds
History of Art	Franklin Ludden
Medicinal Chemistry	Donald T. Witiak*
Pharmaceutics and Pharmaceutical Chemistry	Louis Malspeis*
Pharmacognosy and Natural Products Chemistry	Jack L. Beal*
Pharmacology (Pharmacy)	Harold Wolf**
Statistics	D. Ransom Whitney

October 1, 1973 through September 30, 1974

Art Education	Kenneth Marantz
Public Administration	Clinton V. Oster

Reappointment of the following person to a one-year term as Chairman of an Academic Faculty, effective July 1, 1973 through June 30, 1974:

Vocational-Technical Education	Robert Reese
--------------------------------	--------------

Appointment of the following person as Acting Chairman, effective October 1, 1973 through September 30, 1974:

Slavic Languages and Literatures	David Robinson
----------------------------------	----------------

---

\*New appointment

\*\*On leave July 1, 1973 through February 28, 1974. John W. Nelson will serve as Acting Chairman during this period.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, Chairmen of Departments, Academic Faculties, and Divisions, Promotions in Academic Rank, and the personnel budget actions as recorded in the "Salary Roll," of the University be approved.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

\*

\*

\*

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of April be accepted.

S U M M A R Y

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	16	\$ 890,793.49
The Ohio State University Research Foundation	35	1,138,902.52
The Engineering Experiment Station	1	16,958.00
The Ohio State University Development Fund	2,143	422,284.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

Summary for Fiscal Year 1972-73  
(Ten Months through April 30, 1973)

	Amount of Support	% Change 1971-72	Number of Projects	% Change 1971-72
<u>Federal</u>				
Student	\$ 4,660,342.00	- 7.5	22	46.7
Training Grants	20,417,361.71	2.6	168	16.7
	<u>\$25,077,703.71</u>	0.5	190	19.5
<u>State</u>	371,857.13	-23.1	17	- 10.5
<u>Industrial and Other</u>	<u>538,980.06</u>	<u>33.5</u>	<u>16</u>	<u>100.0</u>
Totals	\$25,988,540.90	0.6	223	19.9

- o -

1. Contracts/Grants

- a. \$227,720.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Title IV Graduate Fellowship Program, under the direction of the Graduate School, for the period September 1, 1973 through August 31, 1974. (Grant No. OEG-0-73-2637)
- b. \$160,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Preparing Leadership Personnel in School Psychology, under the direction of the College of Education, for the period September 1, 1973 through August 31, 1974. (Grant No. OEG-0-70-4214)
- c. \$84,097.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Otolaryngology and Audiology - Training Grant, under the direction of the Department of Otolaryngology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 NS05397-11)
- d. \$76,680.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Renal Disease - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05975-02)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- e. \$61,065.49 granted by The National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., to the University to provide training for personnel who are responsible for training sheet metal and air conditioning apprentices in industry, under the direction of the Center for Vocational and Technical Education, for the period May 2, 1973 through September 30, 1973.
- f. \$50,296.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Postdoctoral Training in Neurological Surgery, under the direction of the Department of Surgery, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 NS05529-08)
- g. \$38,876.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Teaching Skill Institute for Pharmacy Educators, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Grant No. 5 A15 PE05002-02)
- h. \$31,644.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Expansion of Noncommercial Educational Radio Station WOSU-FM, operating on Channel 209 at Columbus, Ohio, under the direction of the Telecommunications Center. (Grant No. OEG-0-73-0350)
- i. \$30,989.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Abstracts of Instructional Materials and Abstracts of Research Materials, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1973 through June 30, 1973. (Grant No. OEG-0-73-3016)
- j. \$30,347.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Energy Conversion in Primary Bio-Photoprocesses, Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K03 GM21946-10)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- k. \$28,005.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Electropharmacological Control of Cardiac Function, Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K03 HL11929-10)
- l. \$23,208.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pathology of Myocardial Hypertrophy and Failure, Development Award - Research Career Program, under the direction of the Department of Pathology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K04 HL70248-02)
- m. \$19,259.00 granted by Ohio Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, to the University for conducting a series of workshops for planning new programs in vocational education in agriculture in Ohio, under the direction of the Department of Agricultural Education, during the month of June, 1973.
- n. \$13,887.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Physiology - Training Grant, under the direction of the Department of Physiology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05843-05)
- o. \$11,250.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Statewide Library Planning and Evaluation, under the direction of the University Library, for the period June 15, 1972 through May 31, 1973. (Grant No. OEG-0-72-7535, Revised)
- p. \$3,500.00 additional grant by Small Business Administration, Washington, D. C., to the University for management counseling and technical assistance, under the direction of the College of Administrative Science, for the period ending June 30, 1973. (Contract No. SBA-1568-PMA-73, Modification No. 1)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

Summary for Fiscal Year 1972-73  
(Ten Months through April 30, 1973)

	Amount of Support	% Change 1971-72	Number of Projects	% Change 1971-72
<u>Federal</u>				
Atomic Energy Commission	\$ 468,445.00	5.64	9	28.57
National Aeronautics and Space Administration	461,533.00	- 22.16	16	- 15.79
National Science Foundation	3,423,550.00	39.02	89	50.85
Department of Defense	2,393,950.00	- 40.23	57	- 35.23
Health, Education, and Welfare	8,782,234.52	9.49	127	- 21.12
Other Federal	<u>3,365,872.00</u>	<u>132.94</u>	<u>40</u>	<u>73.91</u>
Total	\$18,895,584.52	11.35	338	- 5.32
<u>State</u>	321,137.56	92.81	8	166.67
<u>Industrial and Other</u>	<u>2,273,904.82</u>	<u>37.66</u>	<u>107</u>	<u>1.90</u>
Totals	\$21,490,626.90	14.38	453	- 2.58

- o -

1. Federal Research Contracts/Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Hemopoiesis--A Histochemical and Cytological Study (to be known as Project No. 893-N - Ext. #14 - Department of Anatomy).  
Gross Value - \$37,432.00.
- b. Environmental Protection Agency, Research Triangle Park, North Carolina, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-M - Ext. #12 - Department of Chemistry).  
Gross Value - \$87,720.00.

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Development Fund (continued)

1. Federal Research Contracts/Grants (continued)

- c. Environmental Protection Agency, Research Triangle Park, North Carolina, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-M1 - Dtd. 2/20/73 - Department of Electrical Engineering).  
Gross Value - \$17,280.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as Project No. 2308-E - Ext. #5 - Department of Physiology).  
Gross Value - \$18,375.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-C - Ext. #4 - Department of Pathology).  
Gross Value - \$35,063.00.
- f. Department of the Air Force, Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases (to be known as Project No. 2785 - Mod. #AFOSR-69-1759E - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$15,000.00.
- g. 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 Enzyme and Inhibitors (to be known as Project No. 2791-D - Ext. #4 - College of Pharmacy).  
Gross Value - \$20,381.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Yaba Virus Oncogenesis Immunologic and Viral Factors (to be known as Project No. 2899-C - Ext. #5 - Department of Veterinary Pathobiology).  
Gross Value - \$41,610.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-C - Ext. #3 - Department of Chemistry).  
Gross Value - \$26,733.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- j. National Science Foundation, Washington, D. C., Field Work and Analysis of Miwok Languages (to be known as Project No. 3165-A1 - Amend. #1 - Department of Linguistics).  
Gross Value - \$26,300.00.
- k. National Science Foundation, Washington, D. C., Class Groups of Global Fields (to be known as Project No. 3227-A1 - Amend. #2 - Department of Mathematics).  
Gross Value - \$6,500.00.
- l. National Science Foundation, Washington, D. C., Earliest German Medical and Chemical Works (to be known as Project No. 3241-A1 - Amend. #2 - Departments of German and Chemistry).  
Gross Value - \$36,200.00.
- m. Department of Health, Education, and Welfare, Office of Education, Chicago, Illinois, A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - Rev. #4 - Academic Faculty of Educational Development).  
Gross Value - \$65,446.00.
- n. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - Memo Dtd. 3/23/73 - Mershon Center for Education in National Security).  
Gross Value - \$147,052.52.
- o. National Science Foundation, Washington, D. C., Simple Groups of 2-Rank at Most 4 (to be known as Project No. 3415-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$5,600.00.
- p. National Science Foundation, Washington, D. C., Environmental Influences on Stability of Soil Masses (to be known as Project No. 3449-A1 - Ext. #1 - Department of Civil Engineering).  
Gross Value - \$26,200.00.
- q. National Science Foundation, Washington, D. C., The Approximation Problem in Banach Spaces (to be known as Project No. 3455-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$12,200.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- r. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Effects of Refraction and Dispersion on High Altitude Measurements of Atmospheric Gases (to be known as Project No. 3460-A1 - Mod. #2 - Department of Physics).  
Gross Value - \$20,000.00.
- s. National Science Foundation, Washington, D. C., Self-Programming Systems: A New Approach (to be known as Project No. 3470-A1 - Ext. #1 - Department of Computer and Information Science).  
Gross Value - \$26,000.00
- t. Department of the Army, Defense Supply Service, Washington, D. C., The Utilization of the Behavioral Sciences in Long Range Forecasting and Policy Planning (to be known as Project No. 3527-A1 - New - Behavioral Sciences Laboratory and Department of Political Science).  
Gross Value - \$65,914.00.
- u. Department of Health, Education, and Welfare, Office of Child Development, Washington, D. C., Scientific Evaluation and Planning (to be known as Project No. 3569-A1 - Sup. #1 - Mershon Center for Education in National Security).  
Gross Value - \$21,000.00.
- v. National Science Foundation, Washington, D. C., Assignment Agreement (to be known as Project No. 3597-A1 - New - The Ohio State University Research Foundation).  
Gross Value - \$46,850.00.
- w. Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Data Base Systems (to be known as Project No. 3636-A1 - New - Department of Computer and Information Science).  
Gross Value - \$88,000.00.
- x. Department of the Army, Harry Diamond Laboratories, Washington, D. C., DYNTACS-X Documentation Update (to be known as Project No. 3649-A1 - New - Department of Industrial and Systems Engineering).  
Gross Value - \$9,853.00.

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- y. National Science Foundation, Washington, D. C., Biomedical Analysis of Tooth Support (to be known as Project No. 3657-A1 - New - Department of Physiology).  
Gross Value - \$40,500.00.
- z. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Social Psychology (to be known as Project No. 3658-A1 - New - Department of Psychology).  
Gross Value - \$4,200.00.
- aa. National Science Foundation, Washington, D. C., Cognitive Configurations of a City (to be known as Project No. 3659-A1 - New - Department of Geography).  
Gross Value - \$32,500.00.
- bb. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, The Application of the General Energy Equation: A Unified Approach to Mechanics (to be known as Project No. 3660-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$24,000.00.
- cc. National Science Foundation, Washington, D. C., Propagation of Insect Viruses in Cultured Insect Cells (to be known as Project No. 3661-A1 - New - Department of Entomology).  
Gross Value - \$50,400.00.
- dd. National Science Foundation, Washington, D. C., Regulation of Deoxynucleotide Biosynthesis in Higher Plants (to be known as Project No. 3662-A1 - New - Department of Biochemistry).  
Gross Value - \$29,000.00.
- ee. National Science Foundation, Washington, D. C., Lactic Dehydrogenase Shifts in Tissues (to be known as Project No. 3663-A1 - New - Department of Biochemistry).  
Gross Value - \$12,500.00.

TOTAL - Federal Research Contracts/Grants \$1,095,809.52

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contract/Grant

- a. Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, Evaluation of Parole Case-Aides Project (to be known as Project No. 3653-A1 - New - Division of Public Administration).  
Gross Value - \$1,000.00.

3. Industrial and Other Contracts/Grants

- a. Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-D - New - Department of Metallurgical Engineering).  
Gross Value - \$24,000.00.
- b. Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology (to be known as Project No. 3389-A1 - Ltr. Dtd. 3/16/73 - Department of Botany).  
Gross Value - \$11,340.00.
- c. City of Columbus, Columbus, Ohio, Bail System Development Study (to be known as Project No. 3621-A1 - Addendum - Division of Public Administration and Department of Industrial and Systems Engineering).  
Gross Value - \$6,753.00.

TOTAL - Industrial and Other Contracts/Grants \$42,093.00

C. The Engineering Experiment Station

Summary for Fiscal Year 1972-73  
(Ten Months through April 30, 1973)

	Amount of Support	% Change 1971-72	Number of Projects	% Change 1971-72
<u>Federal</u>	\$ 141,395.00	-33.1	14	7.7
<u>State</u>	463,580.00	31.2	33	57.1
<u>Industrial and Other</u>	<u>358,704.00</u>	<u>10.3</u>	<u>256</u>	<u>- 3.8</u>
Totals	\$ 963,679.00	11.0	303	1.0

- o -

1. Industrial Research Contract

- EES 440X Improvements in Pyrometric Cone Behavior, The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio.  
Gross Value - \$16,958.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund

Summary for Fiscal Year 1972-73  
(Ten Months through April 30, 1973)

	Amount of Gifts	% Change 1971-72	Number of Donors	% Change 1971-72
<u>General Solicitation</u>	<u>\$ 519,499.00</u>	<u>18.3</u>	<u>22,878</u>	<u>- 2.6</u>
<u>Major Resources</u>				
<u>Group</u>				
Major Individual				
Gifts	\$ 2,365,550.00	94.5	608	57.5
Corporate Gifts	1,006,328.00	10.6	394	5.9
Foundation and Non-Profit Organization				
Gifts	<u>1,238,803.00</u>	<u>31.2</u>	<u>395</u>	<u>- 17.4</u>
Total	<u>\$ 4,610,681.00</u>	<u>50.2</u>	<u>1,397</u>	<u>13.0</u>
Grand Total	\$ 5,130,180.00	46.2	24,275	- 1.8

- o -

2. Gifts of \$5,000 or More

- a. \$92,865.80 from the Estate of C. Howard Stokes, Cleveland, Ohio, to assist with the funding of the University Activities Center.
- b. \$57,168.52 from Louise Orr Scott Foundation, Columbus, Ohio-- \$42,876.39 for scholarships in the College of Medicine and \$14,292.13 for scholarships in the College of Pharmacy.
- c. \$49,900.00 from Josephine Baker Sidnell, Estate, Ft. Lauderdale, Florida, for research in the cure and control of cardiovascular diseases.
- d. \$20,721.66 from the Estate of Olline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for eye research.
- e. \$15,397.60 from Searle Diagnostic, Inc., Columbus, Ohio-- \$5,376.80 for pharmacology research, \$5,020.80 for cancer research, and \$5,000.00 for gastroenterology research.
- f. \$12,806.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- g. \$11,000.00 from Martha Holden Jennings Foundation, Cleveland, Ohio, for use in the Student Community Services Program in the College of Education.
- h. \$10,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Department of Animal Science.
- i. \$10,000.00 from the Estate of Kenyon S. Campbell, Columbus, Ohio, for use in the College of Law.
- j. \$8,050.00 from Schering Corporation, Bloomfield, New Jersey, for infectious disease research in the College of Medicine.
- k. \$5,000.00 from John J. Barone, Toledo, Ohio, for the Division of Urology in the College of Medicine.

3. Establishment of Named Fund

- a. \$2,195.00 from members of the Medical Class of 1942 for the establishment of the David Berger Memorial Fund.

David Berger Memorial Fund

The David Berger Memorial Fund was established June 7, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from members of the Medical Class of 1942, in memory of the late David Berger, Cleveland, Ohio, son of a classmate, Benjamin Berger, M.D. '42, who was killed in Munich, Germany, during the 1972 Olympics while competing as a member of the Israeli Olympic Team.

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

Gifts are to be used for research in medical problems, with first preference to be given to problems related to sports medicine.

\*

\*

\*

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Dentistry Building, South Wing Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$5,100,258.00	\$5,169,471.96	\$69,213.96

This project involved a substantial amount of remodeling in an existing building, numerous minor adjustments had to be made in the construction contracts. The largest single item included design changes in the heating, ventilating, and air conditioning system to insure positive ventilation of larger laboratories under operating conditions which were not earlier anticipated.

Funds have been provided from Budget Account 801222 (PHS Dentistry Building Addition).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

\*

\*

\*

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Goss Laboratory--Partial Remodeling - Phase II (Freight Elevator Modifications)

The elevator in Goss Laboratory was designed and inspected as a freight elevator with heavy manually operated bi-parting doors. This installation was satisfactory for minimum use. With requirements of the remodeled building space, the addition of power operation for the doors will improve the use and safety factors for employees using the elevator.

June 7, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Goss Laboratory--Partial Remodeling - Phase II  
(Freight Elevator Modifications) (continued)

Funds are budgeted in Budget Account 801293 (Goss Laboratory Remodeling).

Upon motion of Mr. Safford, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

\*

\*

\*

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Sisson Hall, Electrical Renovation and Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u> <u>Conditioning Contract</u> (7 bids received 5-3-73)		
Limbach Company (Columbus)	\$118,264.00	\$180,338.00
<u>Electrical Contract</u> (8 bids received 5-3-73)		
Miller-Davis Electric (Columbus)	<u>80,614.50</u>	<u>138,809.00</u>
<u>Total All Contracts</u>	<u>\$198,878.50</u>	<u>\$319,147.00</u>

Funds for this project have been provided from S. B. 457 (Utilities and Renovations), and Budget Account 801291 (Sisson - Electrical Renovation and Air Conditioning).

B. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-15-73)		
Floyd Baker Corporation (Columbus)	\$ 40,489.00	\$ 60,072.00

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

C. Football Radio Network

Bids were solicited for the purchase of a three-year contract (1973 through 1975) to establish a football radio network in accordance with the procedures established by the Ohio Department of Public Works. After analyzing each of the bids received, with the concurrence of legal counsel and the Director of Purchasing, President Enarson recommended that a three-year contract in the amount of \$230,400 be entered into between this University and WTVN Radio, Columbus, Ohio.

Mr. Shocknessy made the following comment:

I noticed from the Director's letter that he said these bids were 'responding to our specifications.' I don't remember ever seeing the specifications before this Board, an account of how they were offered, or a record of who prepared them. I realize that legal counsel did the contract but I am interested in where the advice on the validity of this method came from. I agree that it is always nice to make money and there is money to be made here but I haven't seen a contract, I haven't seen the specifications and I don't know what obligations the University might have with respect to this contract. I'm not challenging anybody's competence but this is the first time this issue has ever been, as far as I know, before this Board.

Dr. Moulton, in response to Mr. Shocknessy's comments, indicated that the specifications were developed by Director Weaver, Department of Athletics; the Purchasing Department and with the advice of legal counsel. Further, the procedure that was followed was in full compliance with the bidding procedures established by the Department of Public Works' regulations.

D. Covering of Seats in A and C Decks of Ohio Stadium

Requests for bids to cover seats in A and C Decks of Ohio Stadium were solicited in accordance with the procedures established by the Ohio Department of Public Works. Three of the bids received proposed the use of an aluminum material and one a fiberglass composition, the latter being the apparent low bidder.

June 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Covering of Seats in A and C Decks of Ohio Stadium

After an analysis of the bids, President Enarson recommended that this contract be awarded to Miracle Recreation Equipment Company, Grinnell, Iowa, at a cost of \$109,240.00.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the awarding of the contracts in accordance with the recommendation by seven affirmative votes and Mr. Shocknessy and Dr. Sirak abstaining.

\*

\*

\*

VII. REPORT ON CONTROLLING BOARD ACTIONS  
PERTAINING TO THE OHIO STATE UNIVERSITY

- 21 Approves the release of \$25,000 from H. B. 988, Item 315-074 (Utilities and Renovation), for planning on the two projects known as "Traffic Improvements - North" and "Traffic Improvements - South."

\*

\*

\*

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Newark Campus--Expansion of Parking Facilities,  
Employment of Engineers

President Enarson recommended that the engineering firm of Jobs Henderson Associates, Newark, Ohio, be employed to provide detailed plans and specifications, engineering services and consultation during construction and final acceptance on completion of construction.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works. Preliminary estimate for construction, \$200,000.

Funds for this engineering service have been provided from the Newark Reserve Account, Budget Account 149989.

B. Newark Campus--Phase II, Employment of Architects

President Enarson recommended that the architectural firm of Joseph Baker and Associates, Newark, 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.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Newark Campus--Phase II, Employment of Architects

Fee to be negotiated based upon the Architects Society of Ohio of the American Institute of Architects recommended minimum cost of service, as modified by the Department of Public Works letter dated September 23, 1969. Estimated construction cost, \$1,600,000.

Funds for this architectural service have been provided from H. B. 988, Item 315-085.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above recommendations were approved with eight affirmative votes and Mrs. James abstaining.

\*

\*

\*

IX. REPORTS

A. Report from the Retirement and Insurance Committee

1. Benefit Improvements in Major Medical Insurance Plan for University Employees

As Chairman of the Retirement and Insurance Committee, Mr. Gushman presented the following resolution on behalf of the Committee for adoption by the Board of Trustees:

BE IT RESOLVED, that the major medical insurance plan for faculty, staff, and regular classified employees be amended, effective July 1, 1973, to include the following changes:

- (a) The major medical maximum benefit is to be increased from \$25,000 to \$50,000 per insured person, and the 10% automatic annual restoration provision is to apply to the new \$50,000 major medical maximum.
- (b) The major medical coinsurance factor is to be increased from 80% to 100% of covered expenses for the balance of a 'period of disability' after an insured person incurs \$1,000 of out-of-pocket expenses under the \$100 deductible and 20% coinsurance factor (\$1,500 out-of-pocket expense requirement for persons without Blue Cross coverage who have \$500 deductible).

June 7, 1973 meeting, Board of Trustees

IX. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

1. Benefit Improvements in Major Medical Insurance Plan for University Employees (continued)

- (c) The above major medical improvements are (i) to be effective July 1, 1973, for insured employees and eligible dependents subject to enforcement of the actively-at-work requirement for employees and the nonconfinement provision for dependents; (ii) not to apply to covered expenses incurred for or as the result of mental and nervous disorders; and (iii) to increase the composite major medical premium rate by \$.12 per month from \$3.79 to \$3.91 per employee.

FURTHER BE IT RESOLVED that the costs associated with providing this additional coverage be funded from available insurance reserve funds.

Upon motion of Mr. Gushman, seconded by Mrs. James, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated June 7, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

\*

\*

\*

Thereupon the Board adjourned to meet Friday, July 6, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p. m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Don M. Hilliker  
Chairman

APPENDIX VIII

Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07,  
37.09, 37.15, 47.01 of Rules for the University Faculty

Approved by University Senate  
May 8, 1973

Adopted by Board of Trustees  
June 7, 1973  
(See page 467)

Page 500 Blank

Revision of Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09,  
37.15, 47.01 of Rules for the University Faculty

On May 8, 1973, the University Senate approved changes in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty. The text of each Rule as modified is as follows:

35.01. Course Examinations.

At the close of each course as defined in Rule 31.01, an examination will be given on the student's capabilities relative to the stated course objectives, the method of examining to be determined by the instructor or supervisor of the course. Examinations in laboratory and seminar courses shall be optional with the instructor concerned.

- o -

35.03. Examination Schedules.

Section 1. All examinations shall be centrally scheduled by the Office of Scheduling, except examinations for those classes in which the enrollment is exclusively of students registered in the Colleges of Dentistry, Law, Medicine, Optometry, Pharmacy, or Veterinary Medicine. Examination schedules for these classes will be prepared by the administrative offices of the colleges. All examination schedules prepared outside the Office of Scheduling shall, before publication, be cleared with the Office of Scheduling which shall have the power to resolve all conflicts.

In performing its scheduling function the Office of Scheduling shall limit individual examinations to two-hour duration and the total examination period to no more than five days.

Section 2. The official examination schedules shall be strictly adhered to by all instructors. Any deviation from the official schedules must be approved by the department chairman in consultation with the Office of Scheduling.

- o -

35.07. Marks.

The official marks of the University are as follows: A, B, C, D, E, EM, I, K, P, PA/NP, R, S/U, W. These marks shall have the following meaning:

A -- The instructor judged the student to have satisfied the stated objectives of the course in an excellent manner. The student's performance was judged to be of this high quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.

B -- The instructor judged the student to have satisfied the stated objectives of the course in an above average manner. The student's performance was judged to be of above average quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.

Revision of Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07,  
37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

35.07. Marks. (continued)

- C -- The instructor judged the student to have satisfied the stated objectives of the course in an average manner. The student's performance was judged to be of average quality based upon a comparison with other students in the course, and/or students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.
- D -- The instructor judged the student to have satisfied the stated objectives of the course in the lowest acceptable manner. The student's performance was judged to be of below average but acceptable quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.
- E -- The instructor judged the student not to have satisfied the stated objectives of the course. Credit for a course in which the mark E has been received can be obtained only by repeating and passing the course in class. (See Rules 35.11 and 37.09.)

EM -- Examination.

Section 1. This mark indicates credit given to students registered in the University on the basis of examinations taken prior to or after admission to the University. The level of achievement which must be demonstrated by the student on these examinations in order to receive EM credit shall be determined by the Department or School in which the course is offered for credit, in accord with the criteria for the award of letter grades. This credit, up to a maximum of 45 credit hours, shall be assigned only upon the authorization of the Chairman of the Department or the Director of the School and with the approval of the authorized representative of the Dean or Director of the student's enrollment unit. Additional examination credit hours may be assigned specific curricular programs with the prior approval of the Council on Academic Affairs.

Section 2. Examination credit shall not be given to a student for a course in which he has received a mark at this University. No credit points are allowed for courses in which a mark of EM is given.

I -- Incomplete.

Section 1. An I indicates that the student has completed a major portion of the work in the course in a satisfactory manner, but for reasons judged by the instructor to be legitimate, a portion of the course requirements remains to be completed.

35.07. Marks. (continued)

Section 2. The mark I shall be reported to the Registrar together with the mark which the Registrar is authorized to enter on the student's official record unless a different mark is reported to the Registrar in the manner and within the time described below.

Section 3. The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter following the quarter in which the I was received. For legitimate reason, the instructor may establish a deadline for the completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the Dean or Director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the Chairman of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter following the quarter in which the I was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the Registrar.

Section 4. As soon as the incomplete work has been made up, the instructor, or in the case of his absence from the University, the Department Chairman or the Director of the School, shall file the proper mark in the Registrar's Office. Until such time as a final mark is recorded the credit for the mark I shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Section 5. In no case shall a student who has received the mark I be permitted to repeat the course in which such mark was received until such time as the I has been removed and then only in such cases as fall within Rule 37.09.

K -- Credit.

This mark shall be used for work credited from other institutions by the Director of Admissions only. K credit shall be counted as hours only and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

P -- Progress.

Section 1. This mark is used to indicate that the student has shown satisfactory progress in a series or sequence of courses where the mark is not recorded until the final quarter of the series or sequence is completed. Until such time as a final mark is recorded, the mark of P shall be given and the credit shall be

35.07. Marks. (continued)

counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05. When a final mark is submitted by the instructor, all previous P marks shall assume and be recorded with the value of the final mark.

Section 2. P mark is not to be used for any course approved for the S/U mark.

PA/NP--Pass/Non-Pass. This mark may be used at the option of the student.

Section 1. This grading pattern may be chosen by the undergraduates or Continuing Education students for a maximum of 30 credit hours.

Section 2. Among these 30 credit hours, an undergraduate student may elect Pass/Non-Pass grading for any or all University required courses. (See Rule 31.07.)

An undergraduate student who has accumulated a point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.

A student registered in the Division of Continuing Education who has an accumulated point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass for a maximum of 30 credit hours.

Section 3. Hours graded Pass (PA) count toward the degree. Pass/Non-Pass marks (PA/NP) are not computed in the point-hour average of the student.

Section 4. Before noon of the sixth Saturday of a quarter or the third Saturday of a term, a student must have declared his intention to take a course on the Pass/Non-Pass basis by filing the appropriate forms with the Dean or Director of his enrollment unit (students in Physical Education and Military Science file the forms in those departmental offices). A student may not change to or from the Pass/Non-Pass Option after noon of the sixth Saturday of a quarter or the third Saturday of a term.

Section 5. The instructor will submit PA or NP marks to the Registrar for those students selecting the grading pattern.

Section 6. The grade Pass (PA) is the equivalent of the grades ABCD, and the grade Non-Pass (NP) is the equivalent of the grade E.

Revision of Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07,  
37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

35.07. Marks. (continued)

R -- Registered to Audit. This mark indicates that the student has registered to audit the course. No credit hours shall be awarded for this mark. (See Rule 37.11.)

S/U -- Satisfactory/Unsatisfactory.

Section 1. The mark S may be used to record either satisfactory progress in or completion of work, provided that the course has been approved for this mark by the Dean of the College offering the course, and in the case of courses carrying graduate credit, by the Dean of the Graduate School. It shall be used as an alternative to U or I in all individual studies courses whatever their number. S credit shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Section 2. The mark U shall be used for unsatisfactory work in courses in which a student would be entitled to the mark of S if his work had been satisfactory. No credit shall be given for work marked U. This mark shall not be considered in determining a student's point-hour ratio under Rule 37.05.

W -- Withdrew. This mark is used for students wishing to withdraw from one or more but not all courses in a quarter.

Section 1. An undergraduate who desires to withdraw from any course must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit.

Section 2. Until noon of the fourth Saturday of a quarter (third Saturday of a term) an undergraduate student may withdraw from one or more courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 3. After noon of the fourth Saturday of a quarter and until noon of the seventh Saturday of a quarter, if an undergraduate student withdraws from one or more but not all courses which began in the same quarter, the Registrar is authorized to enter the mark W on the student's official permanent record.

Section 4. After noon of the seventh Saturday of a quarter, (third Saturday of a term) an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment

35.07. Marks. (continued)

unit. Upon approval of the petition, the Registrar, as directed by the instructor in the course, is authorized to enter the grade W or E on the student's official permanent record.

Section 5. The Graduate School and graduate professional colleges shall formulate appropriate rules to govern withdrawal 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 6. For procedures for withdrawal from the University, see Rule 47.01.

Section 7. For provision regarding return of fees, see Rule 43.09.

- o -

35.09. Report of Marks.

Upon completion of the course requirements marks for every student shall be reported to the Office of the Registrar in accord with deadlines listed in the Quarterly Master Schedule of Classes.

- o -

35.11. Alteration of Marks.

Section 1. A mark filed in the Office of the Registrar is a part of the official records of the University. It is not subject to change except upon written authorization of the instructor of the course, the appropriate Department Chairman or Director of the School and the Dean of the instructor's college and of the authorized representative of the Dean or Director of the student's enrollment unit. Such change shall be made only when a clerical error has been discovered.

Section 2. An undergraduate student who has received a grade of D or E in a course or courses taken during his freshman year (the period during which the student accumulates the first 48 credit hours on his official permanent record) may repeat or substitute up to 15 credit hours of such courses subject to the following regulations:

- a. The course serving as a repetition or substitute for a course in which a grade of D or E was received must be recommended by the student's advisor and have the approval of the authorized representative of the Dean, or Director of the student's enrollment unit, before noon of the third Saturday of the quarter in which the substitute course is taken.

35.11. Alteration of Marks. (continued)

- b. The mark or grade received in the repeated or substitute course shall be entered on the student's permanent record and count toward his accumulative point-hour average and credit hours toward graduation. The original course and mark shall remain on the student's permanent record but will not count on his accumulative point-hour average or credit hours toward graduation.
- c. Courses repeated or substituted according to this rule shall be completed no later than the end of the quarter during which the student will have accumulated a total of 98 credit hours.

Section 3. The Graduate School and graduate professional colleges may formulate appropriate modifications of Section 2 of this rule, subject to the approval of the Council on Academic Affairs, and publish the rule in their bulletins.

- o -

37.07. Failure in a Required Course.

Except for an undergraduate student who has received a mark of E for courses taken during his first or freshman year (see Rule 35.11, Section 2), an undergraduate or professional student who has not been dismissed from the University must repeat in class, at his first opportunity, a required course which he has failed, unless a substitute course is approved by the authorized representative of the Dean or Director of his enrollment unit upon the recommendation of the Chairman of the Department or of the Director of the School involved. A graduate student who has not been dismissed from the University must repeat in class a required course which he has failed only if required to do so by his adviser.

- o -

37.09. Repetition of Courses.

Section 1. An undergraduate student who has received a mark of D or E for courses taken during his first or freshman year at this University may repeat the course as provided in Rule 35.11, Section 2. Otherwise a student who has received a mark of E or Non-Pass in any other course at this University may repeat the course for credit at his option.

Section 2. An undergraduate student (other than a freshman) or a professional student, as defined in Rule 41.03, who has received a mark of D in a course at this University may repeat the course for credit only upon the recommendation of the authorized representative of the Dean or Director of his enrollment unit. A graduate student, as defined in Rule 41.03, may, when approval is given by his advisor, repeat for credit any course in which he has received a mark of D.

37.09. Repetition of Courses. (continued)

Section 3. An undergraduate or professional student, as defined in Rule 41.03, who has received a mark of A, B, C or Pass in a course taken at this University or elsewhere may repeat the course only as an auditor, upon receipt of permission by the Chairman of the Department and the authorized representative of the Dean or Director of his enrollment unit. A graduate student, as defined in Rule 41.03, may, after a period of five years, and when approval is given by the Graduate Committee of his Department and the Dean of the Graduate School, repeat for credit a course in which he has received a mark of A, B, or C.

Section 4. A student who has audited a course may subsequently repeat the course for credit with the permission of the authorized representative of the Dean or Director of his enrollment unit.

Section 5. The credit hours for a repeated course shall in no case be counted more than once in meeting graduation requirements.

- o -

37.15. Withdrawal from Courses.

Section 1. An undergraduate who desires to withdraw from any course must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit.

Section 2. Until noon of the fourth Saturday of a quarter (third Saturday of a term) an undergraduate student may withdraw from one or more but not all courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 3. After noon of the fourth Saturday of a quarter and until noon of the seventh Saturday of a quarter, if an undergraduate student withdraws from one or more but not all courses which began in the same quarter, the Registrar is authorized to enter the mark W on the student's official permanent record.

Section 4. After noon of the seventh Saturday of a quarter, an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment unit. Upon approval of the petition, the Registrar, as directed by the instructor in the course, is authorized to enter the grade W or E on the student's official permanent record.

Section 5. The Graduate School and graduate professional colleges shall formulate appropriate rules to govern withdrawal 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 6. For withdrawal from the University see Rule 47.01.

37.15. Withdrawal from Courses. (continued)

Section 7. For provision regarding return of fees, when applicable, see Rule 43.09.

- o -

47.01. Withdrawal from the University.

Section 1. A student who withdraws from the University, which indicates withdrawal from all courses which began in the same quarter, must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit. (For withdrawal from courses see Faculty Rule 37.15.)

Section 2. An undergraduate student who withdraws from all courses which began in the same quarter shall be considered to have withdrawn from the University, in which case no marks but a dated notation "withdrew" shall be entered on the student's official permanent record.

Section 3. A student who withdraws from the University without communicating with the authorized representative of the Dean or Director of his enrollment unit and without officially withdrawing from all courses which began in the same quarter, will have a mark of E entered on his permanent record for all such courses.

Section 4. For provision regarding return of fees, when applicable, see Faculty Rule 43.09.

- o -

Page 510 Blank

APPENDIX IX

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 8, 1973

Page 512 Blank

## The Recipients of Honors

### ELIZABETH DUNCAN KOONTZ

Doctor of Humane Letters

A concerned humanitarian and diplomat who exemplifies the humanitarian ideal, Elizabeth Koontz is internationally known for her leadership in raising the level of consciousness regarding the rights of the disadvantaged. The Ohio State University is honored to recognize Elizabeth Duncan Koontz by conferring upon her the degree, Doctor of Humane Letters, honoris causa.

### ARTHUR E. MORGAN

Doctor of Humane Letters

A progressive educational leader and noted engineer, Arthur Morgan has made singular contributions to the application of man's knowledge in meeting the challenges of his environment. Dedication and service have been hallmarks of his distinguished career. The Ohio State University acknowledges these achievements by conferring upon Arthur E. Morgan the degree, Doctor of Humane Letters, honoris causa.

### GEORGE SINCLAIR

Doctor of Science

A dedicated academician and scientist whose enlightened approach to communications techniques has advanced man's understanding of the world, George Sinclair has distinguished himself as a pioneer in engineering, an innovative educator, and noted researcher. The Ohio State University is honored to confer upon George Sinclair the degree, Doctor of Science, honoris causa.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and eighty-four candidates

John Bradley Anderson, Mansfield  
A.B. (Denison University); M.S.W.

*Dissertation*: Associations between Participation in  
Community Mental Health Planning and Adherence to  
Community Mental Health Ideology  
*Field of Specialization*: Social Work

Paul James Andrisani, Columbus

B.S., M.B.A. (University of Delaware)

*Dissertation*: An Empirical Analysis of the Dual Labor  
Market Theory  
*Field of Specialization*: Business Administration

Pantelis Michael Angelides, Columbus

B.A., M.A.

*Dissertation*: Political Development and Political Decay in  
Interwar Greece

*Field of Specialization*: Political Science

James Houston Baker, Canfield

B.S. in Ed. (Kent State University); M.A.T. (University  
of North Carolina)

*Dissertation*: A Survey of Science Teaching in the  
Public Secondary Schools of the Plains, Rocky Mountains,  
and Southeast Regions of the United States in the  
1970-71 School Year

*Field of Specialization*: Education

Charles Marvin Baldeck, Rochester, N. Y.

B.S. (Eastern Nazarene College); M.S.

*Dissertation*: The Solvent Extraction of Aluminum, Lead  
and Some Transition Metals with 2,2,6,6-Tetramethyl-3,5-  
Heptanedione

*Field of Specialization*: Chemistry

John Albert Bantle, Ypsilanti, Mich.

B.A., M.S. (Eastern Michigan University)

*Dissertation*: The Neurotrophic Influence on RNA  
Precursor Incorporation into Polyribosomes of  
Regenerating Adult Newt Forelimbs

*Field of Specialization*: Zoology

George Harlow Bare, Columbus

B.A. (University of North Carolina)

*Dissertation*: Physical Studies of Heme Proteins

*Field of Specialization*: Physiological Chemistry

John Frederick Bargeloh, Mineral Wells, W. Va.

B.S.Agr., M.S. (West Virginia University)

*Dissertation*: Effect of Estrogen and Progesterone on  
Feed Intake, Calcium Metabolism and Interrelationships  
of Calcium, Phosphorus and Magnesium in the Bovine

*Field of Specialization*: Dairy Science

Jerry Baker Barnett, Dayton

B.S.Ed., M.Ed. (Ohio University)

*Dissertation*: Effects of Self-Management Instruction  
and Contingency Management to Increase Completion  
of Work

*Field of Specialization*: Education

Clemens Lester Bartollas, Columbus

B.A. (Davis and Elkins College); B.D. (Princeton  
Theological Seminary)

*Dissertation*: Runaways at the Training Institution  
Central Ohio

*Field of Specialization*: Sociology

Patricia Ann Bender, El Paso, Tex.

B.A. (University of Texas); M.A.

*Dissertation*: Vibrotactile Discrimination of Normal,  
Hearing Impaired, and Visually Impaired Individuals  
*Field of Specialization*: Speech Communication

Glenn Earl Bettis, Charleston, Tenn.

B.S., M.A. (East Tennessee State University)

*Dissertation*: A Follow-up Study of Ph.D. Graduates  
From The Ohio State University with a Major in  
Industrial Technology Education

*Field of Specialization*: Education

Robert William Betts, Lynchburg, Va.

B.A.A.E., M.S.

*Dissertation*: The Effects of Hypersonic Viscous  
Interaction on Static/Stability of Slender Bodies in  
Simulated Non-Equilibrium Flows

*Field of Specialization*: Aeronautical and Astronautical  
Engineering

James Richard Bode, Cuyahoga Falls

B.A. (College of Wooster)

*Dissertation*: A Logic for Conditional Statements

*Field of Specialization*: Philosophy

Jean Haythorne Braden, Bridgeport

B.S.Ed., M.A.

*Dissertation*: The Eagle and the Crescent: American  
Interests in the Ottoman Empire, 1861-1870

*Field of Specialization*: History

Charles Wesley Bridges, Columbus

B.A. (Oakwood College); M.Ed. (University of Nebraska)

*Dissertation*: The Curriculum Theory Context of Activity  
Analysis and the Educational Philosophies of Washington  
and Dubois

*Field of Specialization*: Education

Loren Hobert Briggs, Newark

B.A. (Denison University); M.Ed. (Ohio University)

*Dissertation*: A Survey and Analysis of the Extent Merit  
Considerations are Included in Teacher Compensation  
Plans in Selected School Districts in Ohio

*Field of Specialization*: Education

Thomas Richard Brinner, Apalachin, N. Y.

B.S.E.E. (Washington University); M.S. (Syracuse  
University)

*Dissertation*: Continuous Synchronous Longitudinal  
Guidance of Automated Highway Vehicles  
*Field of Specialization*: Electrical Engineering

James Henry Broadbent, Elkhart, Ind.

B.S. (Ball State Teachers College); M.A. (Western  
Michigan University)

*Dissertation*: The Relationship between Correctional  
Education and Training of Inmates and Their Parole  
Success

*Field of Specialization*: Education

Alvis Brown, Ironton

B.A., M.A. (Marshall University)

*Dissertation*: A Comparison of Students Who Have Been  
Through a Program of Interpersonal Relations and Those  
Who Have Not

*Field of Specialization*: Education

- David Bruce Buzzard, Wilmington  
B.A. (West Liberty State College); M.A.  
*Dissertation*: Humanizing the Secondary English Curriculum Through the Use of Film  
*Field of Specialization*: Education
- Mary Jo Campbell, Columbus  
B.S. (University of New Mexico); M.A. (University of California, Santa Barbara)  
*Dissertation*: The Effects of Traditional and Contingency Management Methods on Performance in Selected Volleyball Skills  
*Field of Specialization*: Physical Education
- Donald Gray Chafin, Riner, Va.  
B.S. (Virginia Polytechnic Institute); M.S.  
*Dissertation*: Economic Analysis of Futuristic Beef Cattle and Forage Production Systems  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Amiya Kumar Chakrabarti, West Bengal, India  
B.E. (University of Calcutta); M.S.  
*Dissertation*: Characteristics of Plastic Instability in the Direction of Pure Shear  
*Field of Specialization*: Metallurgical Engineering
- Srisook Chandrangsou, Lampang, Thailand  
B.Eng. (Chulalonghorn University); M.E. (Asian Institute of Technology)  
*Dissertation*: Mathematical Models of Traffic Flow Based on the Energy Concept  
*Field of Specialization*: Civil Engineering
- Ben-Chen Chi, Dayton  
B.Sc. (Taiwan Provincial Cheng Kung University); M.S. (University of Missouri)  
*Dissertation*: Pattern Recognition of Spoken Words Based on Haar Functions  
*Field of Specialization*: Electrical Engineering
- Wunchung Chiou, St. Paul, Minn.  
B.S. (National Taiwan University); M.A. (Bowling Green State University)  
*Dissertation*: Toward a Complete Theory of Spatial Organization of the Human Visual System at Impulse Detection Threshold  
*Field of Specialization*: Biophysics
- Bernard Fred Cleveland, Hilliard  
B.S.Ed., M.S.Ed. (State University of New York, Oneonta)  
*Dissertation*: Measuring the Impact of Gordon's Teacher Effectiveness Training on Teachers' of Social Studies  
*Field of Specialization*: Education
- Cary Corwin Conn, Dunkirk  
B.A. (Ohio Northern University); M.A.  
*Dissertation*: John Porter Brown, Father of Turkish-American Relations, an Ohioan at the Sublime Porte, 1832-1872  
*Field of Specialization*: History
- James Goodman Connell, Jr., Adel, Ga.  
B.S. (United States Naval Academy); M.A. (University of Georgia); M.A.  
*Dissertation*: Freedom and the Don Juan Tradition in Selected Narrative Poetic Works and *The Stone Guest* of Alexander Puchkin  
*Field of Specialization*: Slavic Languages and Literatures
- Darlene Kay Conover, Ames, Ia.  
A.B., A.M. (Colorado State College)  
*Dissertation*: Object Preference and Resulting Movement Behaviors of Three to Seven Year Old Custodial and Trainable Retarded Boys  
*Field of Specialization*: Physical Education
- Thomas J. Covault, Columbus  
B.S., M.A. (Miami University)  
*Dissertation*: The Application of Value Clarification Teaching Strategies with Fifth Grade Students to Investigate Their Influence on Student's Self-Concept and Related Classroom Coping and Interacting Behaviors  
*Field of Specialization*: Education
- Roger Ronald Craig, Dayton  
B.Aero.E. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation*: Turbulence in Free Diffusion Flames of Hydrogen-Nitrogen Mixtures Burning in Still Air  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Eric Richard Craine, Dayton  
B.S. (University of Oklahoma)  
*Dissertation*: A Comparison of Core and Shell Spectra of Eta Carinae and Scattering Mechanisms in the Shell  
*Field of Specialization*: Astronomy
- Xavier Creary, Montclair, N. J.  
B.S. (Seton Hall University)  
*Dissertation*: Part I Anti-tricyclo [3.1.1.0<sup>2,4</sup>] heptyl and Related Systems  
Part II Reductive Cleavage of Succinic Esters Under Aeyloin Conditions  
*Field of Specialization*: Chemistry
- John William Daugherty, Akron  
B.S.M.E. (University of Akron); M.S.M.E. (Northeastern University); M.S.  
*Dissertation*: A Study of the Electrostatic Field and Charge Distribution in a Vortex Seeded with Dust  
*Field of Specialization*: Mechanical Engineering
- Richard Jay DeNeale, Washington, D. C.  
B.S. in Phar. (University of Maryland)  
*Dissertation*: A Study on the Configuration and Hydrolysis of Some Oxazolidines Derived from the Ephedrines  
*Field of Specialization*: Pharmacy
- Quey-Ing Feng Deng, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Dissertation*: Enzymes of Thymidine and Uridine Phosphorylation in Higher Plants  
*Field of Specialization*: Biochemistry
- Anthony Joseph Dennis, Springfield  
B.S.  
*Dissertation*: Alteration of Lymphocyte Response Using Membrane Active Compounds  
*Field of Specialization*: Microbiology
- Anita Dinesh Dighe, Baroda, India  
B.A., M.A. (University of Baroda); M.A.  
*Dissertation*: An Analysis of Associative Meaning in an Intercultural Setting—American and Indian Students in the United States  
*Field of Specialization*: Speech Communication

- Barbara Kay Dommert, Baytown, Tex.  
B.S. in H.Ec. (Stephen F. Austin State College); M.S.  
*Dissertation:* The Effect of Early Experiences in Teacher Education on Students' Perceptions of the Teaching Role and of the Home Economics Teacher's Role  
*Field of Specialization:* Home Economics
- Bruce Alan Drum, Bryan  
B.S.  
*Dissertation:* Additivity of the Stiles-Crawford Effect for a Fraunhofer Image  
*Field of Specialization:* Biophysics
- Sebastian Albert Dybowski, Jr., Santa Fe, N. M.  
B.S. (Saint Michael's College)  
*Dissertation:* Assessment of Meaning for a Membership Role  
*Field of Specialization:* Psychology
- Charles Edward Eaker, Columbus  
B.A. (Capital University)  
*Dissertation:* A Defense of Monadic Deontic Logic  
*Field of Specialization:* Philosophy
- Janet Betz Ebert, Columbus  
B.S.Ed., M.A.  
*Dissertation:* Humanities Programs and Courses 1968-1972  
*Field of Specialization:* Music
- Karl Albert Egge, Billings, Mont.  
B.A. Econ. (Montana State University); M.A.  
*Dissertation:* White-Black Differences in Hours of Work Supplied by Men 45 to 59 Years of Age  
*Field of Specialization:* Economics
- James Richard Eifert, Dayton  
B.S. in Met.Eng. (University of Notre Dame); M.S.  
*Dissertation:* Gravimetric Analysis of the Austenite/Ferrite Transformation in Iron and Inro-Molybdenum Alloys  
*Field of Specialization:* Metallurgical Engineering
- Ahmed Nabil Abdallah El-Refai, Giza, U.A.R.  
B.Sc. (Ain Shams University); Higher Diploma (Cairo University); M.S.  
*Dissertation:* Time Dependent Deformation of Cohesive Soils  
*Field of Specialization:* Civil Engineering
- Richard John Emerine, II, Columbus  
B.S.Bus.Adml., M.A.  
*Dissertation:* Variable Returns to Scale Production Functions and Technological Change  
*Field of Specialization:* Economics
- Randall Wayne Engle, Dunbar, W. Va.  
B.A. (West Virginia State College); M.A.  
*Dissertation:* The Interaction Between Presentation Rate; Retention Test, and the Negative Recency Effect  
*Field of Specialization:* Psychology
- Kenneth Earl Eye, Columbus  
B.S. (Fort Hays Kansas State College); B.S.Ed.; M.Ed. (Xavier University)  
*Dissertation:* Indications of White Racism  
*Field of Specialization:* Education
- Jesse Robert Fairbanks, Columbus  
B.S.Ed., M.A.  
*Dissertation:* The Relationship of Selected Secondary School and Non-School Variates to Post-School Employability  
*Field of Specialization:* Education
- Phyllis Clay Falk, Dallas, Tex.  
A.B. (Wheaton College); M.A. (Texas Woman's University)  
*Dissertation:* Variation in Characteristics of Participants in an Informal and a Conventional Teacher Training Program  
*Field of Specialization:* Education
- John Joseph Fenstermaker, Glenview, Ill.  
B.A., M.A.  
*Dissertation:* Dickens Criticism 1940-1970: An Analytical Subject Index  
*Field of Specialization:* English
- Gary Lee Flinn, Houston  
B.S.Agr., M.S.  
*Dissertation:* The Effect of Time, Temperature and Level of Ascorbic Acid Fortification on the Color of Tomato Juice  
*Field of Specialization:* Horticulture
- Ronald Lee Foreman, Castalia  
B.S. Agr.; M.Ed. (Kent State University)  
*Dissertation:* Relationship of an Early Placement Program to the Successful Transition from School to Full-Time Employment  
*Field of Specialization:* Agricultural Education
- Joel Bernard Friedman, Columbus  
B.S.Ed., M.A.  
*Dissertation:* Evaluation of Processes for Improvement of Instructional Supervision  
*Field of Specialization:* Education
- James Delbert Fullen, Newark  
B.A., M.A.  
*Dissertation:* Perceptions of the Language Arts Education in the Ohio Two-Year Technical College Programs  
*Field of Specialization:* Education
- Rodolfo Garcia, East Lansing, Mich.  
B.S.Ed. (Bowling Green State University); A.M. (Indiana University)  
*Dissertation:* Language Interference and Socioeconomic Status as Factors in the Acquisition of Standard Oral English of Mexican American and Anglo Migrant Children  
*Field of Specialization:* Education
- Adam Kepple Gehr, State College, Pa.  
B.A., M.A. (Miami University)  
*Dissertation:* Some Tests of Simple Income Determination Models  
*Field of Specialization:* Economics
- David Hausmann Gelperin, New York, N. Y.  
B.A. (Carleton College); M.S.  
*Dissertation:* Clause Deletion in Resolution Theorem Proving  
*Field of Specialization:* Computer and Information Science

- Paul Thomas Giblin, Huntington, N. Y.  
B.A. (Johns Hopkins University); M.A.  
*Dissertation*: The Development of Recursive Thinking and Altruism in Boys Grades One, Three and Five  
*Field of Specialization*: Psychology
- William Warren Gilbert, Chicago, Ill.  
B.A. (DePaul University); M.A.  
*Dissertation*: Ethical Risk as a Behavioral Predictor in a Prison Population  
*Field of Specialization*: Psychology
- Donald Allen Goer, Brooklyn, N. Y.  
B.S. (Brooklyn College); M.S.  
*Dissertation*: A Neutron Diffraction Study of Antiferromagnetic Cobaltous Oxide with Nuclear Polarization from the HFS Interaction, in the Region 0.3-4.2K  
*Field of Specialization*: Physics
- Matthew John Golis, Columbus  
B.E.E., M.S.  
*Dissertation*: Reference Phase Modulation Effects in Optical Holography  
*Field of Specialization*: Electrical Engineering
- William John Gorse, Euclid  
B.S.Ed., M.A.  
*Dissertation*: Deviance in a Small Town: A Study of Progress and Anomie  
*Field of Specialization*: Education
- William Brent Green, Abilene, Tex.  
B.F.A. (University of Texas); M.F.A. (University of Oklahoma)  
*Dissertation*: Some Curriculum Consequences of Two Theories of Aesthetic Criticism  
*Field of Specialization*: Art Education
- Jorge Arciniega Guzman, Mexico, F. D., Mexico  
Ing.Quim. (National University of Mexico); M.S.  
*Dissertation*: Vapor-Liquid Equilibrium Relations in Non-Ideal Systems The Binary Systems: Hexamethyldisiloxane-Toluene Hexamethyldisiloxane—Ethyl Alcohol and Ethyl Alcohol-Toluene at 40, 50, 60 and 70°C  
*Field of Specialization*: Chemical Engineering
- Sydney Owen Hall, Springfield, Mass.  
B.S., M.S. (Springfield College of Massachusetts)  
*Dissertation*: The Role of Physical Education in the Nation-Building Process in Kenya  
*Field of Specialization*: Physical Education
- Hayward Orlan Handy, Huntsville, Ala.  
B.S. (Alabama State College); M.A. (Fisk University); Ed.S. (George Peabody College for Teachers)  
*Dissertation*: The Influence of Student Feedback on Achievement During Varied Contexts of Lecturing Sessions  
*Field of Specialization*: Education
- Bonnie Motter Harmony, Columbus  
B.S.Ed., M.Ed. (Bowling Green State University)  
*Dissertation*: The Effect of a Concentrated Physical Education Program on Children Classified as Trainable Mentally Retarded  
*Field of Specialization*: Education
- Trudier Harris, Tuscaloosa, Ala.  
A.B. (Stillman College); M.A.  
*Dissertation*: The Tie That Binds: A Study of the Use of Folklore in the Fiction of Charles Waddell Chesnut, Jean Toomer and Ralph Ellison  
*Field of Specialization*: English
- Thomas Charles Hartrum, Cambridge  
B.E.E., M.S.  
*Dissertation*: Computer Implementation of a Parametric Model for Biped Locomotion Kinematics  
*Field of Specialization*: Electrical Engineering
- Robert Ralph Haynes, Columbus  
B.S. (Louisiana Polytechnic Institute); M.S. (University of Southwestern Louisiana)  
*Dissertation*: A Revision of North American *Potamogeton* Subsection *Pusilli* (Potamogetonaceae)  
*Field of Specialization*: Botany
- Francis Eugene Hazard, Canton  
B.S.Ed., M.Ed. (Kent State University)  
*Dissertation*: Public Expectations of a University Branch Campus  
*Field of Specialization*: Education
- Fred Joseph Hellinger, Norfolk, Va.  
B.A. (University of Florida); M.S.  
*Dissertation*: Hospital Production Functions  
*Field of Specialization*: Economics
- Eve Griffith Herold, Columbus  
A.B. (Oberlin College); M.A.  
*Dissertation*: A Study of the Bildungsroman in American Literature  
*Field of Specialization*: English
- Lynn B. Hetland, Billings, Mont.  
B.A. (Eastern Montana College); M.S.  
*Dissertation*: Effects of Ethanol on Glutethimide Absorption, Distribution and Metabolism in Relationship to a Mechanism for Toxicity Enhancement  
*Field of Specialization*: Pharmacology
- Richard Gordon Hoagland, Columbus  
Metal. Eng. (Colorado School of Mines); M.S. In Materials Sc. (Washington State University)  
*Dissertation*: Atomic Simulation of the  $\frac{a}{2} \langle 110 \rangle \{110\}$  Edge Dislocation in the NaCl Lattice  
*Field of Specialization*: Metallurgical Engineering
- Vivian Cornelia Hogan, Norfolk, Va.  
B.S. (Virginia State College); M.S.  
*Dissertation*: Electron Transport and Manganese Oxidation in *Leptothrix discophorus*  
*Field of Specialization*: Microbiology
- Phillip Kent Holdaway, Provo, Utah  
B.S., M.S. (Brigham Young University)  
*Dissertation*: A Study of Bias in Holstein-Friesian Sire Proofs Due to Selection of Mates in Ohio Dairy Herds  
*Field of Specialization*: Dairy Science
- David Lynn Howell, Washington, Mich.  
B.S. (Michigan State University); M.Ed. (Pennsylvania State University)  
*Dissertation*: The Effect of a Student Manual on the Attitudes of High School Students Toward Environmental Protection  
*Field of Specialization*: Agricultural Education

- Embrey Bernard Howson, Columbus  
A.B. (Transylvania College); M.A.  
*Dissertation*: Jacob Sechler Coxey: A Biography of a  
Monetary Reformer, 1854-1951  
*Field of Specialization*: History
- Carey Hughley, Jr., Hampton, Va.  
B.S. (Hampton Institute); M.S. (University of  
Massachusetts, Amherst)  
*Dissertation*: Modification of Teaching Behaviors in  
Physical Education  
*Field of Specialization*: Physical Education
- Lavern Floyd Hurlburt, Wattsburg, Pa.  
B.S., M.Ed. (Slippery Rock State College)  
*Dissertation*: The Objectives of Interscholastic Athletics  
for Boys in Central Ohio as Perceived by Societal Publics  
of Different Community Types  
*Field of Specialization*: Physical Education
- Ernest Alfred Husarik, Jr., Columbus  
B.A. (Olivet Nazarene College); M.Sc. (Northern  
Illinois University)  
*Dissertation*: A Study of Lay Citizen Leadership in  
Project Unite: Columbus Public School August 1971  
through August 1972  
*Field of Specialization*: Education
- William Driscoll Hussey, Manchester, N. H.  
A.B. (Saint Anselm College); M.A.  
*Dissertation*: Politics and Poetry in the First Two Hymns  
of Callimachus  
*Field of Specialization*: Classics
- Thomas Eugene Hyde, Columbus  
B.S.Ed., M.Ed. (Kent State University)  
*Dissertation*: Scales for Predicting Student Success in  
High School Vocational Programs  
*Field of Specialization*: Education
- Sarah Mae Johnston, Columbus  
B.A. (Maryville College); M.A.  
*Dissertation*: Edwin Sandys' Role in the Anglican  
Reformation  
*Field of Specialization*: History
- Fang-Yuan Jou, Taipei, Taiwan  
B.S. (National Taiwan Normal University);  
M.S. (Tsinghua University)  
*Dissertation*: The Solvated Electron in Ethers and in  
Their Binary Solutions  
*Field of Specialization*: Chemistry
- Janardan Vithal Juvarkar, Bombay, India  
B.S. (University of Bombay); B.Pharm. (Gujarat  
University)  
*Dissertation*: I The Structure of Chelocardin;  
II Investigation of the Antimicrobial Agents from  
*Solanum pseudocapsicum* L.  
*Field of Specialization*: Pharmacy
- Edgar Martins Kauffmann, Sao Paulo, Brazil  
Eng. Civil (Universidade Mackenzie); M.S.  
*Dissertation*: The Application of Fracture Mechanics  
Concepts  
to Predict Cracking of Flexible Pavements  
*Field of Specialization*: Civil Engineering
- David John Keil, Lombard, Ill.  
B.S., M.S. (Arizona State University)  
*Dissertation*: A Re-Evaluation of *Pectis* L. Subgenus  
*Pectidopsis* (DC.) Fernald (Compositae: Pectidinae)  
*Field of Specialization*: Botany
- Wayne Gilbert Kerns, Wellsville  
B.S.Ed., M.A.  
*Dissertation*: A Study of Present and Ideal Counselor  
Roles in Ohio's Public-Assisted Technical Colleges  
*Field of Specialization*: Education
- John Clayton Klippert, Alliance  
A.B. (Western Reserve University); M.S.  
*Dissertation*: Necessary and Sufficient Conditions for the  
Uniform Convergence of Interpolating Polynomials to  
Functions in  $C^*_T(w)$   
*Field of Specialization*: Mathematics
- Stanley Michael Kravitz, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Graduate Training of School Psychologists:  
Meeting the Needs of Teachers and Principals  
*Field of Specialization*: Psychology
- Henry Gary Kuhlmann, Columbus  
B.S.Bus.Adm., M.B.A.  
*Dissertation*: A Study of the Attitudes Toward Women  
in Business  
*Field of Specialization*: Business Administration
- Zenon Michael Kuk, Athens  
M.A. (University of Chicago)  
*Dissertation*: Tolstoy's War and Peace and Zeromski  
Ashes: A Comparative Study  
*Field of Specialization*: Slavic Languages and Literatures
- Earl Wade Lehman, Bluffton  
B.S.M. (Bluffton College); M.A.  
*Dissertation*: A Study of the Effectiveness of the Music  
Curricula of the Liberal Arts Colleges Affiliated with  
The Mennonite Church  
*Field of Specialization*: Music
- Robert Dwaine Leighty, Hanover, N. H.  
B.S. (Virginia Military Institute); M.S.C.E. (Purdue  
University)  
*Dissertation*: A Logical Approach Towards Terrain  
Pattern Recognition for Engineering Purposes  
*Field of Specialization*: Civil Engineering
- John J. Light, Logan  
B.S.Ed., M.A. (Kent State University)  
*Dissertation*: The Development of Technical Institutes in  
Ohio  
*Field of Specialization*: Education
- Virginia Hibbett Lucas, Kettering  
B.S.Ed. (Wittenberg University); M.Ed. (Miami  
University)  
*Dissertation*: Development of an Informal Reading  
Assessment Inventory for Teachers Trained in Directive  
Teaching  
*Field of Specialization*: Education
- Hugh Mailer, Columbus  
B.Sc. (Glasgow University, Scotland); M.S.  
*Dissertation*: The Effects of Electric, Magnetic and  
Acoustic Fields, on the Optical and NMR Properties of  
the Nematic Liquid Crystal P-Methoxybenzylidene  
P-N-Butylaniline  
*Field of Specialization*: Physics

Stanley Tien Marcus, Columbus  
A.B.Ed. (University of Michigan) ; M.A.  
*Dissertation*: The Effect of Varying Incentive and Degree of Learner Control in Providing Computerized Help with Essential Mathematics Required in Chemistry (CHEMRIC)  
*Field of Specialization*: Education (Science)

Edward William Matthews, Marion  
B.S. Ed., M.A.  
*Dissertation*: A Study of Critical Requirements for School Psychologists  
*Field of Specialization*: Education

Gerald Edwin Matyk, Parma  
B.A. (John Carroll University) ; M.S.  
*Dissertation*: An Experimental Investigation of Boundary Interference at Subsonic Speeds in a Two-Dimensional Perforated-Wall Wind Tunnel  
*Field of Specialization*: Aeronautical and Astronautical Engineering

Penelope Lee Maza, Toledo  
B.A., M.A.  
*Dissertation*: The Effect of the Counter-Culture on Working-Class Mobility: A Test of the "Bluing" of America  
*Field of Specialization*: Sociology

Donald Eugene McCormack, Worthington  
B.S., M.S. (University of Illinois)  
*Dissertation*: Properties of Canfield and Geeburg Soils, and Their Engineering Behavior  
*Field of Specialization*: Agronomy

William George McGuire, Greenfield, Wis.  
B.S. (Marquette University)  
*Dissertation*: Sulfur Storage in *Neurospora crassa*: Regulation of Choline-O-sulfate Metabolism in Several Developmental Stages  
*Field of Specialization*: Biochemistry

Claude Truman McIntosh, Arlington, Tex.  
B.A., M.A. (Texas Christian University)  
*Dissertation*: French Diplomacy During the War of Devolution, 1667-68, the Triple Alliance, 1668, and the Treaty of Aix-la-Chapelle, 1668  
*Field of Specialization*: History

Helen Garrison McLaughlin, Morgantown, W. Va.  
B.A. (Swarthmore College) ; M.A.  
*Dissertation*: The Effect of Videotape Modeling, Oral Information and Written Information, on the Future Time Perspective and Counseling-Seeking Behavior of Women College Students  
*Field of Specialization*: Psychology

Alexandra Claudia Melnyk, Columbus  
B.A., M.S. (Western Reserve University)  
*Dissertation*: Macrocyclic Chelate Iron Complex as an Effective Model of Catalase  
*Field of Specialization*: Chemistry

Robert Bruce Miller, St. Paris  
B.S.Phys., M.S.  
*Dissertation*: Conversion Electron Line Shape Analysis and Applications to Mossbauer Spectroscopy  
*Field of Specialization*: Nuclear Engineering

Thomas Ludwig Minnick, Parma  
B.A., M.A.  
*Dissertation*: On Blake and Milton: An Essay in Literary Relationship  
*Field of Specialization*: English

Mary Irene Moffitt, Reynoldsburg  
B.A. (Chatham College) ; M.A. (University of Wisconsin)  
*Dissertation*: A Critical Overview of Approaches to Teaching: A New Teacher for a New Time?  
*Field of Specialization*: Education

Barbara Morse, Ithaca, N. Y.  
B.S. (Skidmore College) ; M.A. (Cornell University)  
*Dissertation*: Identity Status in College Women in Relation to Perceived Parent-Child Relationships  
*Field of Specialization*: Psychology

Martha Crawford Muerief, Camden, S. C.  
B.S. (Furman University) ; M.S. (Cornell University)  
*Dissertation*: Work Adjustment of Vocational Education Teachers  
*Field of Specialization*: Education

Sushil Gajendrarai Munshi, Ahmedabad, India  
B.E. (Gujarat University) ; M.S. in E.E. (University of Kentucky)  
*Dissertation*: Blocking Probability in Non-Symmetric Multistage Networks  
*Field of Specialization*: Electrical Engineering

Jeanette Riker Nappier, Toledo  
B.S. (University of Toledo) ; M.S.  
*Dissertation*: Nickel (II) Complexes of a Phosphorus-Nitrogen Macrocyclic Ligand; Palladium and Nickel (II) Complexes of Polydentate Ligands Containing Phosphorus and Sulfur  
*Field of Specialization*: Chemistry

Gerald Ira Nehman, Columbus  
B.S. (Rutgers University) ; M.S. (University of Rhode Island)  
*Dissertation*: Small Farmer Credit Use in a Depressed Community of Sao Paulo, Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology

Lawrence Howard Newcomb, Blacksburg, Va.  
B.S., M.Ed. (Virginia Polytechnic Institute)  
*Dissertation*: The Effect of Contract Grading on Student Performance  
*Field of Specialization*: Agricultural Education

Gilbert William Nichols, Mount Pleasant, Ia.  
A.B. (Drury College) ; M.A. (University of Kansas City)  
*Dissertation*: A Graphic and Phonemic Analysis of Primer Level Words  
*Field of Specialization*: Education

Larry Wesley Noggle, Greenville  
B.M.E. (General Motors Institute) ; M.S.  
*Dissertation*: Dynamic Response Studies Utilizing Inherent Noise and Analytical Transfer Functions for the Experimental Breeder Reactor-II  
*Field of Specialization*: Nuclear Engineering

- Barbara D. Norris, Fort Mitchell, Ky.  
A.B. (Asbury College); M.A. (George Peabody College for Teachers)  
*Dissertation*: An Assessment of the Secondary Schools Related to the United Methodist Church in the Democratic Republic of the Congo  
*Field of Specialization*: Education
- Eugene Irving Odell, Grand Haven, Mich.  
B.S.E. (University of Michigan); M.S.  
*Dissertation*: Numerical Solution of a Deep Drawing Problem  
*Field of Specialization*: Engineering Mechanics
- Victor Noboru Okada, New York, N. Y.  
B.A. (University of Hawaii); M.A. (New York University)  
*Dissertation*: A Critical Study of Jonathan Swift's Poetry  
*Field of Specialization*: English
- Thomas Joseph Palardy, Springfield  
B.S.Ed., M.A.  
*Dissertation*: The Impact of an Intense Program of Spatial and Temporal Concepts on the Measured Intelligence of Preschool Children  
*Field of Specialization*: Education
- Phyllis Marynick Palmer, Columbus  
A.B. (Oberlin College); M.A.  
*Dissertation*: Case Study of a Reformer: Frances Wright O'Arusmont  
*Field of Specialization*: History
- Iby Arvatti Pedroso, Piracicaba, Brazil  
B.S. (Escola Superior de Agricultura "Luiz de Queiroz"); M.S. (Cornell University)  
*Dissertation*: Resource Accumulation and Economics of Scale in Agriculture—The Case of Sao Paulo, Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Karl Pemper, Madison, Wis.  
B.S., M.S.W. (University of Illinois)  
*Dissertation*: Cognitive Control Among Alcoholics and Nonalcoholics  
*Field of Specialization*: Psychology
- Vincent Pastor Peries, Negomba, Ceylon  
B.A. (University of Ceylon); M.A.  
*Dissertation*: Sub-maximal Cardiovascular Endurance of Trainable Mentally Retarded Boys  
*Field of Specialization*: Physical Education
- William Robert Pfouts, Pittsburgh, Pa.  
B.S. (M.E.) (University of Notre Dame); M.S.  
*Dissertation*: Reaction Diffusion in the Silver-Zinc System  
*Field of Specialization*: Metallurgical Engineering
- Jaime Ramirez-Barbot, Mayaguez, Puerto Rico  
B.A. (University of Puerto Rico); M.A. (University of Iowa)  
*Dissertation*: A History of Puerto Rican Radical Nationalism, 1920-1965  
*Field of Specialization*: History
- Hee Min Rhee, Choongnam, Korea  
B.S.Ph. (Chungang University); M.S.  
*Dissertation*: Subcellular Distribution of Ouabain and Changes in the NaK ATPase Activity in Relation to the Pharmacological Effects of Ouabain in Dog: Effect of DPH and Kcl Infusion  
*Field of Specialization*: Pharmacology
- Larry Lynn Rhoades, Westerville  
B.M., M.M. (College Conservatory of Music of Cincinnati)  
*Dissertation*: Theme and Variation in Twentieth-Century Organ Literature: Analyses of Variations by Alain, Barber, Distler, Dupre, Durufle and Sowerby  
*Field of Specialization*: Music
- Albert George Richards, Trinidad, West Indies  
B.A. (Xavier University); M.A.  
*Dissertation*: The *Aeneid* and the *Quijote*: Artistic Parody and Ideological Affinity  
*Field of Specialization*: Romance Languages
- Thomas Edward Rinkevich, Grand Rapids, Mich.  
B.A. (Xavier University); M.A.  
*Dissertation*: Comic Structure in Theocritus 1-7  
*Field of Specialization*: Classics
- Timothy Michael Riordan, Cincinnati  
B.A. (Loyola University); M.Ed. (Xavier University)  
*Dissertation*: A View of Self in the Teaching-Learning Process: Self Development as an Approach to the Education of Teachers  
*Field of Specialization*: Education
- Donald Joseph Roberts, Columbus  
B.A., M.A. (Marshall University)  
*Dissertation*: Developing an Interaction Matrix (Intermat) for School-Community Relations  
*Field of Specialization*: Education
- Clarence Edward Roeske, Tigerton, Wis.  
B.S. (Saint Norbert College); M.A.  
*Dissertation*: The Land-Grant Philosophy: Historical Implications in Its Changing Definition Through the American Experience  
*Field of Specialization*: Education
- Robert Frederick Rubeck, Columbus  
B.A., M.A. (State University of New York at Buffalo)  
*Dissertation*: A Critical Analysis of Instructional Simulation  
*Field of Specialization*: Education
- Colleen Anne Ryan, Columbus  
B.S.Ed., M.S. (University of Kansas)  
*Dissertation*: An Examination of Two Internal-External Locus of Control Dimensions and Stated Reinforcement Preference in Urban Junior College Students by Sex and Ethnic Identity  
*Field of Specialization*: Psychology
- Mary Ellen Meikle Kindell St. John, Middletown  
B.A. (College of Wooster); A.M. (Indiana University)  
*Dissertation*: Shell Growth and Variation in the *Actinonailas ligamentina* (Lamarck, 1819) Complex (Mollusca: Bivalvia: Unioniidae)  
*Field of Specialization*: Zoology

Ronald P. Schlegel, Windsor, Ont., Canada  
B.A. (University of Western Ontario); M.S. (University of Illinois)  
*Dissertation*: Multidimensional Measurement and Structure of Attitudes Toward Smoking Marijuana with Prediction of Marijuana Use  
*Field of Specialization*: Physical Education (Health Education)

Jane Harriet Schwar, Columbus  
B.A. (Northwestern University); M.A.  
*Dissertation*: Interventionist Propaganda and Pressure Groups in the United States, 1937-1941  
*Field of Specialization*: History

Jerrold Joseph Schwartz, Philadelphia, Pa.  
B.S. in B.A. (Drexel Institute of Technology); M.A.  
*Dissertation*: Leopold Maxse and the British Unionist Party: 1906-1914  
*Field of Specialization*: History

James Aldine Shane, Lexington  
B.S.Agr., M.A.  
*Dissertation*: Administrative Organizational Structures and Community College Comprehensiveness  
*Field of Specialization*: Agricultural Education

Jai Singh Sharma, Rohtak, India  
B.Sc. (East Panjab University); B.V.Sc. (Panjab University); M.Sc. (V.M. and A.H.) (Punjab Agricultural University)  
*Dissertation*: Estimates of Genetic Parameters of Live and Carcass Traits of Lamb  
*Field of Specialization*: Animal Science

William Ian Siegmund, Summit, N. J.  
B.A., M.A. (Columbia University)  
*Dissertation*: A Comparative Study of the Earl Brand Ballard and Its Danish and Icelandic Analogues  
*Field of Specialization*: English

Robert Mitchell Simmons, Lexington, Ky.  
B.A. (Kentucky State College); M.A. (Eastern Kentucky University)  
*Dissertation*: An Exploratory Study of Undergraduates' Attitudinal Changes During an Inner-City Teacher Preparation Program  
*Field of Specialization*: Education

Inder Jit Singh, Panjab, India  
B.A. (Panjab University); M.Sc. (University of Rajputana); M.Sc. (University of Salford)  
*Dissertation*: Infrared Sensitive Trap Distribution in Semiconductors  
*Field of Specialization*: Electrical Engineering

Larry Lee Slonaker, Worthington  
B.S.Ed., M.A.  
*Dissertation*: A Study of Personality Characteristics, Free Association Responses and the Communication Behaviors of Professional Communication Receivers and Senders in the Interview  
*Field of Specialization*: Speech Communication

Bernard Thomas Smith, Columbus  
B.S.  
*Dissertation*: Far-Infrared Absorption of Some Orthoferrites  
*Field of Specialization*: Physics

Donald Neil Snarr, Wilmington  
B.A., B.D. (Anderson College); Th.D. (Ilf School of Theology); M.A. (University of Denver)  
*Dissertation*: Social Action and Professionalism Among Protestant Clergy  
*Field of Specialization*: Sociology

John Thomas Somerville, New Knoxville  
B.A. (Hiram College); M.A. (East Carolina University)  
*Dissertation*: A Study of Beliefs Held by Former Football Players Concerning Their College Football Experiences  
*Field of Specialization*: Physical Education

Antoine Ernest Spacagna, Paris, France  
M.A. (Emory University)  
*Dissertation*: Entre le oui et le non Essai sur la structure du theatre de Marivaux  
*Field of Specialization*: Romance Languages

Lee Irving Spade, Indianapolis, Ind.  
B.S.Ed. (Butler University); M.A.  
*Dissertation*: School Personnels' Perceptions of Proposed Psychological Services in the Schools  
*Field of Specialization*: Psychology

Mildred James Stauffer, Sebastopol, Calif.  
B.E., M.A. (San Jose State College)  
*Dissertation*: The Impact of Study Abroad Experience on Prospective Teachers  
*Field of Specialization*: Education

Donald Wade Stevens, Indianapolis, Ind.  
B.S. in Met.E. (University of Pittsburgh)  
*Dissertation*: Diffusion-Induced Stresses and Plastic Definition  
*Field of Specialization*: Metallurgical Engineering

Mac Arthur Stewart, Atlanta, Ga.  
B.A. (Morehouse College); M.A. (Atlanta University)  
*Dissertation*: An Analysis and Appraisal of Selected Variables of Black and White Financial Aid Recipients  
*Field of Specialization*: Education

Anthony Strange, Hartwell, Ga.  
B.S., M.S. (Fort Valley State College)  
*Dissertation*: A Study of Teaching Performance of Degree and Non-Degree Teachers in the Manpower Development Training Centers in Ohio  
*Field of Specialization*: Education

Paul Charles Stromberg, Worthington  
B.S.  
*Dissertation*: The Life History and Population Ecology of *Camallanus oxycephalus* Ward and Magath, 1916 (Nematoda: Camallanidae), In Fishes of Western Lake Erie  
*Field of Specialization*: Zoology

Mary Ann Sullivan, Omaha, Neb.  
B.A., M.A. (Rice University)  
*Dissertation*: Worlds of Their Own: Space-Consciousness in the Works of Wordsworth, Byron, Shelley, and Keats  
*Field of Specialization*: English

Pushpa Varumal Thadani, Bombay, India  
B.S. (University of Bombay); M.Phil. (University of London)  
*Dissertation*: Central Noradrenergic Mechanism of Acute and Chronic Ethanol with Observations on the Role of Acetaldehyde  
*Field of Specialization*: Pharmacology

- Louis Coleman Thaxton, Mt. Clemons, Mich.  
B.S., M.A. (Michigan State University)  
*Dissertation*: Youth with Special Needs in the Columbus Public School System  
*Field of Specialization*: Agricultural Education
- Cecil Hayman Tillis, Columbus  
B.A., M.A. (University of South Florida)  
*Dissertation*: The Effect of "Interconsonantal Distance" Upon the Recall of Prevocalic Consonants and Clusters  
*Field of Specialization*: Speech Communication
- Harriet Adams Transue, Columbus  
B.A., M.A. (Bryn Mawr College)  
*Dissertation*: The Sensation Years: The Literary Character of England in the 1860's  
*Field of Specialization*: English
- Mahmoud Triki, Tunis, Tunisia  
B.S.B.A. (Washington University); M.B.A. (American University)  
*Dissertation*: Perception of Role Strain by Outside Salesmen  
*Field of Specialization*: Business Administration
- James Joseph Tritschler, Columbus  
B.A. (Catholic University of America); M.A.  
*Dissertation*: Three Variations on the History Play: A Burkean Analysis  
*Field of Specialization*: Theatre
- Michael Lawrence Ulrey, Mt. Vernon  
B.A. (Kenyon College); M.S.  
*Dissertation*: Sequential Coding for Channels with Feedback and a Coding Theorem for a Channel with Several Senders and Receivers  
*Field of Specialization*: Mathematics
- Eileen Leitner Valeov, Fords, N. J.  
A.B. (Rutgers University); M.A.  
*Dissertation*: Defining the Therapeutic Problem: The Effects of Type of Problem Formulation on the Outcome of Six-Session Psychotherapy  
*Field of Specialization*: Psychology
- Kulakkatt S. Vijayan, Ernakulam, India  
B.S., M.S. (University of Kerala); M.S.  
*Dissertation*: A Nonexistence Theory for Association Schemes and Symmetric Graphs  
*Field of Specialization*: Mathematics
- Jiunn-Yann Wang, Taipei, Taiwan  
B.S. (National Taiwan University); M.S. (Tuskegee Institute)  
*Dissertation*: Catabolism of Selected Amino Acids in Cheddar Cheese Slurries  
*Field of Specialization*: Food Science and Nutrition
- Wilbur St. Clair Wayman, Jr., Columbus  
B.S.Bus.Adm.; M.B.A. (Syracuse University)  
*Dissertation*: Comprehensive Logistics System Design Model for a State Controlled Liquor Distribution System  
*Field of Specialization*: Business Administration
- Fredric Max Wild, Jr., Sebring, Fla.  
B.A. (Emory University); M.A.  
*Dissertation*: "A Plank in Reason:" Time, Space, and the Perception of the Self in the Modern Novel  
*Field of Specialization*: English
- Darnell Williams, Columbus  
B.S. (Bishop College); M.A., Cert. TESOL  
*Dissertation*: An Investigation of Gullah Survivals in the Speech and Cultural Patterns of Black Mississippians  
*Field of Specialization*: Education
- Hattie Rose Williams, Columbus  
B.S. (Indiana Central College); M.Ed. (Ohio University)  
*Dissertation*: Educational Guidance Activities in Selected Secondary Grammar Schools of Western State, Nigeria  
*Field of Specialization*: Education
- Leon Egbert Winget, Jr., Chillicothe  
B.M.E., M.S.  
*Dissertation*: Transpiration Cooling - An Integral Method Incorporating an Exponential Profile  
*Field of Specialization*: Mechanical Engineering
- John James Withey, Grove City  
B.S. (Indiana University); M.B.A. (Michigan State University)  
*Dissertation*: The Task Environment and Organization Structure: A Physical Distribution Example  
*Field of Specialization*: Business Administration
- Elmer William Yoest, Columbus  
B.S.Ed. (Otterbein College); M.A.  
*Dissertation*: Relationships between Cardiovascular Fitness and Selected Body Measurements of Eighth Grade Boys and College Men  
*Field of Specialization*: Physical Education
- Chung Yu, Hong Kong  
B.E. (McGill University); M.S.  
*Dissertation*: Characteristics of Forward-and-Backward Traveling-Wave Parametric Interactions  
*Field of Specialization*: Electrical Engineering
- Gregory John Yurek, Columbus  
B.S., M.S. (Pennsylvania State University)  
*Dissertation*: Solid-State Displacement Reactions between Metals and Oxides  
*Field of Specialization*: Metallurgical Engineering
- Gary Oakley Zerbe, Denver, Colo.  
B.S., M.S.  
*Dissertation*: Comparison of Growth Curves for Subjects Measured at Different Times and Modeled with Polynomials of Different Degree  
*Field of Specialization*: Biostatistics
- Gerald William Zimmerman, Indianapolis, Ind.  
B.S. (Capital University); M.S.  
*Dissertation*: The Effects of Manganese as an Antagonist of Calcium Permeability in Frog Ventricular Muscle  
*Field of Specialization*: Physiology

### Master of Accounting

Four candidates

James LeRoy Gesler, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Accounting*

Michael Fook-Chuen Mak,  
Kowloon, Hong Kong  
B.B.A. (University of Oregon)  
*Field of Specialization: Accounting*

Edward Frank Mears, Sandusky  
B.S.Bus.Adm.  
*Field of Specialization: Accounting*

Giles Clement Wooding,  
St. Lucia, West Indies  
B. Commerce (Sir George Williams  
University, Canada)  
*Field of Specialization: Accounting*

### Master of Architecture

Three candidates

Gerry Norman Bird, Columbus  
B.Arch. (Miami University)  
*Field of Specialization: Architecture*

Henry D'Antonio, Wharton, N. J.  
B.A.Arch. (Ohio University)  
*Field of Specialization: Architecture*

Arden Arthur Ferrell, Westerville  
B.A.Arch. (Ohio University)  
*Field of Specialization: Architecture*

### Master of Arts

Two hundred and ninety-four candidates

Mauricio Almeida Abreu,  
Rio de Janeiro, Brazil  
Licentiate (Federal Universidad do  
Rio de Janeiro, Brazil)  
*Field of Specialization: Geography*

John Alexander Agnew,  
Millom, England  
B.A. (University of Exeter, England)  
*Field of Specialization: Geography*

James Joseph Ahern, Jr.,  
North Olmsted  
B.A. (Roanoke College)  
*Field of Specialization: History*

Dorothy Lee Amsler,  
Fairmont, W. Va.  
B.A. (Alverno College)  
*Field of Specialization: English*

Mark Eugene Amsler, Wheaton, Md.  
B.A. (Johns Hopkins University)  
*Field of Specialization: English*

David Scott Anderson,  
Falls Church, Va.  
B.S. (Duke University)  
*Field of Specialization: Education*

Donald Clark Anderson, Toledo  
B.A.  
*Field of Specialization: Public  
Administration*

Robert J. Armour, Goodwater, Ala.  
B.A. (Fisk University)  
*Field of Specialization: Education*

Carol Barlowe Arthur, Lima  
B.S.Ed.  
*Field of Specialization: Education*

Amiah Barak, Bnei-Brak, Israel  
B.A. (Bar-Ilan University, Israel)  
*Field of Specialization: Education*

Israel Leonard Barak,  
Bnei-Brak, Israel  
B.A. (Bar-Ilan University, Israel)  
*Field of Specialization: Sociology*

Michal Barszap, Jersey City, N. J.  
B.A. (Saint Peters College)  
*Field of Specialization: Slavic  
Languages*

Katharina Baum, Mansfield  
B.S.Ed. (Wittenberg University)  
*Field of Specialization: Education*

Barbara Jean Beer, Mansfield  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

Linda Higgins Berthold, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Nikolaus Bezruczko, Fayette  
B.A.  
*Field of Specialization: Education*

David George Biek, Loudonville  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization: Education*

Elizabeth Shreve Bishop,  
Ann Arbor, Mich.  
A.B. (University of Michigan)  
*Field of Specialization: Psychology*

Glade McKay Bishop, Lincoln, Neb.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Business  
Administration*

Beth Broidy Black, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Education*

Pera Bodas, Dayton  
B.S. in Ed. (University of Dayton)  
*Field of Specialization: Slavic  
Languages*

Andrew Roger Bodman,  
Porlock, England  
B.A. (University of Cambridge,  
England)  
*Field of Specialization: Geography*

Suzanne Slater Boening, Grove City  
B.S. (Saint Francis College, Indiana)  
*Field of Specialization: Education*

Jane Boucher, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Douglas Gene Boyd, Dayton  
B.S.Ed. (Wright State University)  
*Field of Specialization: Political  
Science*

William Arthur Boyd, Elyria  
B.A.  
*Field of Specialization: Romance  
Languages*

Stuart Ira Bretschneider,  
Hillsdale, N. J.  
B.A. (Allegheny College)  
*Field of Specialization: History*

Stefan Jack Broidy, Columbus  
B.A., B.S.Ed.  
*Field of Specialization: Education*

Thomas Marc Broitman,  
Jericho, N. Y.  
B.A. (University of Hartford)  
*Field of Specialization: Education*

Joyce Jeanette Brookhart, Lima  
B.A. (Cedarville College)  
*Field of Specialization: Psychology*

Michael Steven Brown, Columbus  
B.S.  
*Field of Specialization: Education*

Dennis Joseph Buchholz,  
Cleveland Heights  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Psychology*

°Eric Robert Bush, Wellsville  
*Field of Specialization: Philosophy*

John Adin Butterfield, Warren  
B.A. (Miami University)  
*Field of Specialization: Journalism*

Ronald William Cameron, Columbus  
B.S. (Miami University)  
*Field of Specialization: Education*

Joseph Allan Carey, Columbus  
B.A.  
*Field of Specialization: Sociology*

° Also Bachelor of Arts, Colleges of the  
Arts and Sciences

- James Raymond Carroll, Cincinnati  
B.A.  
*Field of Specialization: Anthropology*
- James Edward Ceculski, Columbus  
A.B. (West Liberty State College)  
*Field of Specialization: Education*
- Calvin Woodrow Cheatham, Jr.,  
Richmond, Va.  
B.S. (Virginia State College)  
*Field of Specialization: Public Administration*
- Yun-Ming Grace Chen,  
Taipei, Taiwan  
B.A. (National Chengchi University)  
*Field of Specialization: Journalism*
- Gail Donna Chermak,  
Brooklyn, N. Y.  
B.A. (State University of New York, Buffalo)  
*Field of Specialization: Speech Communication*
- John Vincent Cimprich, Jr.,  
Trenton  
A.B. (Thomas More College)  
*Field of Specialization: History*
- James Ralston Clark, Columbus  
B.F.A., M.F.A.  
*Field of Specialization: Expanded Arts*
- Janet Sedgwick Clawson, Columbus  
B.S. (Oregon State University)  
*Field of Specialization: Education*
- Linda Crawford Cloud, Fairborn  
A.B. (Heidelberg College)  
*Field of Specialization: Journalism*
- Sean Kevin Code, Johnstown, Pa.  
B.A. (Saint Vincent College)  
*Field of Specialization: Journalism*
- Deighton Eugene Colvin,  
Raleigh, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization: Romance Languages*
- Donald Steven Conkle, Reynoldsburg  
A.B. (Oberlin College)  
*Field of Specialization: English*
- Thomas Bernard Connery, Columbus  
B.A., B.S.Ed.  
*Field of Specialization: Journalism*
- Clayton Douglas Cormany, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Speech Communication*
- Kathryn Marie Craig, Wayne, Pa.  
B.A. (Carleton College)  
*Field of Specialization: Education*
- William Lee Curlis, Columbus  
B.S.Ed.  
*Field of Specialization: History*
- Frances Ellena Curtis,  
Philadelphia, Pa.  
B.S. (Norfolk State College)  
*Field of Specialization: Education*
- James Alan Dennison, Fairview Park  
A.B. (Borromeo Seminary of Ohio)  
*Field of Specialization: Speech Communication*
- Robert Louis DiBella, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Alice Goergen Dickson, Berea  
B.S.Ed.  
*Field of Specialization: Education*
- Betsy Ray Dimond, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Patti Sue Dodds, Pittsford, N. Y.  
B.S. (Western Illinois University)  
*Field of Specialization: Physical Education*
- Jerry Dunlap, Elyria  
B.S. in Ed. (Ashland College)  
*Field of Specialization: Education*
- Timothy Eugene Dykstra,  
Holland, Mich.  
A.B. (Hope College)  
*Field of Specialization: English*
- Cecil Leroy Elliott, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Education*
- Ernest James Estice, Columbus  
B.S.Ed. (Otterbein College)  
*Field of Specialization: Education*
- Beth Sharrock Evans, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Stuart Brand Ferbrache, Scio  
B.S.  
*Field of Specialization: Education*
- Robert Milton Fessenden,  
Brookline, N. H.  
B.A. (University of New Hampshire); M.A.  
*Field of Specialization: Education*
- John Kenneth Fischer, St. Louis, Mo.  
B.A. (Saint Louis University)  
*Field of Specialization: Dance*
- William Franklin Fox, Oxford  
B.S. (Miami University)  
*Field of Specialization: Economics*
- Helen Schoen Friend, Columbus  
B.A.  
*Field of Specialization: Philosophy*
- Lawrence Keith Furbish, Bangor, Me.  
B.A. (Colby College); M.A. (University of Maine)  
*Field of Specialization: Political Science*
- Thomas Maurice Ganser,  
New Berlin, Wis.  
B.A. (University of Wisconsin, Milwaukee)  
*Field of Specialization: English*
- William Joseph Gathergood,  
Monroeville  
B.S.Ed.  
*Field of Specialization: Education*
- Suzanne Godney, Dallas, Tex.  
B.A. (Carleton College)  
*Field of Specialization: Education*
- Barbara Elizabeth Hamman Gladman,  
Miamisburg  
B.A.  
*Field of Specialization: Romance Languages*
- Carol Lynn Glassman, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Francis Edward Glatfelter, Jr.,  
Winter Park, Fla.  
B.A. (University of Florida); M.C.P.  
*Field of Specialization: Public Administration*
- Rita Haas Glavan, Columbus  
A.B. (John Carroll University)  
*Field of Specialization: Education*
- Brian Padraic Glynn, Centerville  
A.B. (Wilmington College)  
*Field of Specialization: Romance Languages*
- Werner Goessling,  
Bielefeld, West Germany  
B.A. (Westfälische Wilhelms University, West Germany)  
*Field of Specialization: Journalism*
- Eileen Praderio Gordon, Columbus  
B.A. (West Virginia University)  
*Field of Specialization: Education*
- Terry Russell Gordon, Poland  
B.S.Ed. (Youngstown State University)  
*Field of Specialization: Education*
- Glenn William Gray, Ashville  
B.S.Agr.  
*Field of Specialization: Education*

- Mary Jane Gray, Honolulu, Hawaii  
B.A.  
*Field of Specialization:* Education
- Juandalyn Nancy Green,  
San Diego, Calif.  
B.S.Ed.  
*Field of Specialization:* Education
- Moses Green, Charleston, S. C.  
B.A. (Bishop College)  
*Field of Specialization:* English
- Jeffrey Joseph Greenwood,  
St. Cloud, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization:* Psychology
- Kathleen Clark Griffin, Warren  
B.A. (Kalamazoo College)  
*Field of Specialization:* Business  
Administration
- Patricia Carnes Grover, Columbus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education
- Jerry Lowell Hakes, Hillsboro  
B.A. (Miami University)  
*Field of Specialization:* Journalism
- Patricia Ann Bryan Hally, Toledo  
B.S.Ed.  
*Field of Specialization:* Education
- Carole Lynne Hanshue, Newark  
B.A. (Wittenberg University)  
*Field of Specialization:* Education
- Patricia Conners Harbarger,  
Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Eric Weir Hartman, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- James Edward Hawkins,  
Newport News, Va.  
B.A. (Oakwood College)  
*Field of Specialization:* Speech  
Communication
- Patricia Lynn Hefner, Bay Village  
B.A.  
*Field of Specialization:* Education
- Elizabeth Duke Heimbach,  
Worthington  
B.A. (Bryn Mawr College)  
*Field of Specialization:* Classics
- John Joseph Helwig, Keokuk, Ia.  
B.S.Ed. (Western Illinois University)  
*Field of Specialization:* Education
- Charlotte Blount Henneberger,  
Lacona, N. Y.  
B.S.Ed.  
*Field of Specialization:* Education
- Ludwig Frank Hesse, Geneva  
B.A. (University of Alabama)  
*Field of Specialization:* Education
- Rita Grazia Hickey, Wilberforce  
B.S.Ed.  
*Field of Specialization:* Education
- Thomas Carl Himmelright,  
Chagrin Falls  
B.A. (Northwestern University)  
*Field of Specialization:* Economics
- Michael Bernard Hobbs, Columbus  
B.S.Arch.  
*Field of Specialization:* Public  
Administration
- William Todd Hoehn,  
Indianapolis, Ind.  
B.M. (Butler University)  
*Field of Specialization:* Music
- Steven Ernst Hoffman, Columbus  
B.A. (Monmouth College)  
*Field of Specialization:* Education
- Henry Laurens Hopkins, Shelby  
B.S.Ed.  
*Field of Specialization:* Education
- DeAnna Smith Horstmeier,  
Worthington  
B.A. (Brigham Young University)  
*Field of Specialization:* Education
- June Sculfer Horton, Columbus  
B.A. (Birmingham University,  
England)  
*Field of Specialization:* Education
- Sharon Howard, Baltimore, Md.  
B.A. (Howard University)  
*Field of Specialization:* English
- David Earl Howe, Columbus  
B.A.  
*Field of Specialization:* Education
- Shau-Wing Cloud Hsueh  
Taipei, Taiwan  
B.A. (National Chengchi University)  
*Field of Specialization:* Journalism
- Jean Isabel Sanders Huber, Columbus  
B.A.  
*Field of Specialization:* Sociology
- Harriet Elizabeth Hudson,  
Atlanta, Ga.  
A.B. (Queens College)  
*Field of Specialization:* English
- Robert Graham Hughes, Macomb, Ill.  
B.A. (DePauw University)  
*Field of Specialization:* Education
- Thomas Edward Hughes,  
Hummelstown, Pa.  
B.S.Mus.Ed. (West Chester State  
College)  
*Field of Specialization:* Music
- John Edward Humbert, Jr., Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education
- Allen Burch Hundley, Richmond, Va.  
B.A. (University of Richmond)  
*Field of Specialization:* Political  
Science
- Roxanne Munch Hunt, Columbus  
B.A. (Loyola University)  
*Field of Specialization:* English
- Loretta Bedont Jacobs, Lexington  
B.A. (University of South Florida)  
*Field of Specialization:* Education
- Mary Lucinda Butler Jones, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization:* Art  
Education
- Maxine Holmes Jones, DeSoto, Mo.  
B.S.Ed. (Southwest Missouri State  
College)  
*Field of Specialization:* Education
- Nancy Rose Jones,  
Albuquerque, N. M.  
B.A. (University of New Mexico)  
*Field of Specialization:* Linguistics
- Amy Feldman Juhas,  
Hollis Hills, N. Y.  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Donald Neal Kaiser, Hayward, Calif.  
A.B. (University of California  
Berkeley)  
*Field of Specialization:* Psychology
- Cheng Shu Kao, Taipei, Taiwan  
B.A. (Tunghai University)  
*Field of Specialization:* Sociology
- Debora Ruth Kayne, Columbus  
B.S. (Purdue University)  
*Field of Specialization:* Education
- Paul H. Keckley, Jr.,  
Chattanooga, Tenn.  
B.A. (David Lipscomb College)  
*Field of Specialization:* Speech  
Communication
- John William Keller, Mentor  
B.A. (DePauw University)  
*Field of Specialization:* Political  
Science
- Kathleen Susan Keller, Columbus  
B.A. (College of Wooster)  
*Field of Specialization:* Psychology
- Stephanie Lee Keller, Rocky River  
B.A. (Purdue University)  
*Field of Specialization:* Romance  
Languages

- Robert William Kelton, Miami, Fla.  
B.A. (University of South Florida)  
*Field of Specialization*: English
- Rex William Kern, Lancaster  
B.S.Ed.  
*Field of Specialization*: Physical Education
- Martha Boatman Knisley, Columbus  
B.A. (Marshall University)  
*Field of Specialization*: Education
- Barbara Lynn Kohn,  
University Heights  
B.A.  
*Field of Specialization*: Education
- Laura Hilary Kopasz, Yellow Springs  
B.A. (Antioch College)  
*Field of Specialization*: English
- Janice Helen Kowalak,  
River Edge, N. J.  
B.B.A. (Ohio University)  
*Field of Specialization*: Business Administration
- Lawrence Andrew Kuzila,  
Youngstown  
B.S. (Wheeling College)  
*Field of Specialization*: Public Administration
- Rosaria Intelisano Lacentra,  
Windsor, Ont., Canada  
B.A. (University of Windsor,  
Canada)  
*Field of Specialization*: Romance Languages
- Anne Elizabeth Lafferty, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Lawrence Charles Landreman,  
Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Business Administration
- Beverly Farlow Larson, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization*: Education
- Lane Lasater, Matheson, Colo.  
A.B. (Princeton University)  
*Field of Specialization*: Psychology
- Marcia May Lauritsen, Columbus  
B.A.  
*Field of Specialization*: English
- Margdalena Maria Lauwers,  
Beigem, Belgium  
Licentiaat (University of Louvain,  
Belgium)  
*Field of Specialization*: German
- Judith Ann Lawrence, Xavier, Kan.  
B.A. (Saint Mary College, Kansas)  
*Field of Specialization*: Education
- Larry Allen Ledford, Zanesville  
B.A. (Muskingum College)  
*Field of Specialization*: Speech Communication
- Cynthia Maryann Lejsek, Ravenna  
B.A.  
*Field of Specialization*: German
- David Edward Lenerz,  
Janesville, Wis.  
B.S. (Wisconsin State University,  
Oshkosh)  
*Field of Specialization*: Economics
- Maxine Elizabeth Lentz,  
Allentown, Pa.  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization*: Education
- James Pearl Lewis, Dayton  
B.S.Ed. (University of Dayton)  
*Field of Specialization*: Physical Education
- Rebecca Wai-Yu Li, Hong Kong  
B.A. (University of Wisconsin,  
Madison)  
*Field of Specialization*: Economics
- Cathy Ann Lindamood,  
Huntington, W. Va.  
B.A. (Marshall University)  
*Field of Specialization*: Education
- David Howard Litt,  
White Plains, N. Y.  
B.A. (University of Cincinnati)  
*Field of Specialization*: Journalism
- James William Lufrio,  
Baltimore, Md.  
B.A. (University of Maryland)  
*Field of Specialization*: Classics
- Eileen Rogers Lucas, Columbus  
B.S.H.E.  
*Field of Specialization*: Education
- Angus Neil MacIvor, Marysville  
A.B. (Duke University)  
*Field of Specialization*: English
- Patricia Ann Macklin, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Daniel Patrick Madden,  
Springfield, Mass.  
B.A. (University of Massachusetts,  
Amherst)  
*Field of Specialization*: English
- Edward John Malecki, Jr., Columbus  
B.A.  
*Field of Specialization*: Geography
- Maurice Nicolas Marchon,  
Fribourg, Switzerland  
Licence (Universite de Fribourg)  
*Field of Specialization*: Economics
- Maryann Piper Marlin, Columbus  
B.A. (Purdue University)  
*Field of Specialization*: Education
- Mary Beth Marsh, Hilliard  
B.A. (Otterbein College)  
*Field of Specialization*: Speech Communication
- Richard Evan Marti, Columbus  
B.A.  
*Field of Specialization*: Romance Languages
- Rosemary Mason, Brecksville  
B.S.Ed. (Ashland College)  
*Field of Specialization*: Education
- John Lancer McGruder,  
Bethesda, Md.  
B.S. (Xavier University)  
*Field of Specialization*: Public Administration
- Elaine Lang McKee, Fairborn  
B.A. (Wright State University)  
*Field of Specialization*: Romance Languages
- Larry Rodger McKeenan,  
Wilson Creek, Wash.  
B.A. (Seattle Pacific College)  
*Field of Specialization*: Romance Languages
- John Raymond McKivigan,  
Edensburg, Pa.  
B.A. (Indiana University of  
Pennsylvania)  
*Field of Specialization*: History
- Bradford Carl Metzler, Aberdeen, Md.  
B.A. (College of Wooster)  
*Field of Specialization*: Economics
- Erica Jennifer Meyers,  
Berkeley, Calif.  
A.B. (University of California,  
Berkeley)  
*Field of Specialization*: Dance
- Jean Lynn Miley, West Salem  
B.S.Ed.  
*Field of Specialization*: Romance Languages
- Fredericka Sherrill Miller, Columbus  
B.S.Ed. (West Virginia State  
College)  
*Field of Specialization*: Education
- Shirley Dianne Miller, Columbus  
B.S.  
*Field of Specialization*: Education
- Nancy Lou Miro, Wheeling, W. Va.  
B.M. (Marywood College)  
*Field of Specialization*: Education
- Melba Marie Mitchell, Forestville, Md.  
B.A. (Oklahoma Baptist University)  
*Field of Specialization*: Education

- Jean Ellen Mittler, Columbus  
B.S. (Capital University)  
*Field of Specialization: Education*
- Sarah Diane Miyahira,  
Honolulu, Hawaii  
B.A. (University of Hawaii)  
*Field of Specialization: Psychology*
- Linda Clare Moffatt, Pittsburgh, Pa.  
B.F.A. (Ohio University)  
*Field of Specialization: Education*
- James Edward Moore,  
Redondo Beach, Calif.  
B.A. (University of California, Santa  
Barbara)  
*Field of Specialization: Education*
- Mozelle Davidson Moore, Columbus  
B.A. (Fisk University)  
*Field of Specialization: Education*
- Kathleen Virginia Berster Morgan,  
Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Mary Kathleen Morgan, Topeka, Kan.  
B.A. (Saint Mary College, Kansas)  
*Field of Specialization: Psychology*
- Ann Tudor Morse, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization: Romance  
Languages*
- Mary Lynne Campbell Musgrove,  
Columbus  
A. B. (University of Illinois)  
*Field of Specialization: Education*
- Shirley Rhodes Nealy, Columbus  
B.S. (Florida Agricultural and  
Mechanical University)  
*Field of Specialization: Education*
- Calvin Clayton Nelson,  
Hermosa Beach, Calif.  
B.A. (University of California, Santa  
Barbara)  
*Field of Specialization: Education*
- Richard W. Nelson, Nashville, Tenn.  
B.A. (Capital University)  
*Field of Specialization: Education*
- Mary Helen Mueller Nemeth,  
Columbus  
A.B. (Ohio University)  
*Field of Specialization: Education*
- Judith Kaye Novine, Euclid  
B.S.Ed., M.A.  
*Field of Specialization: Physical  
Education*
- Judith Stuchel Okeefe, Columbus  
B.S.Ed.  
*Field of Specialization: Speech  
Communication*
- Nora Eileen O'Neil, Fairborn  
B.A. (Wright State University)  
*Field of Specialization: Classics*
- Margaret Gwen Oshuns, Beechwood  
B.S.Ed.  
*Field of Specialization: Education*
- Janet Reisland Packard, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Roger Allan Page, Linden, Mich.  
B.S. (Michigan State University)  
*Field of Specialization: Psychology*
- Jacquelyn L. Paine, Streetsboro  
B.S. (Ohio University)  
*Field of Specialization: German*
- Bertha Painter Paster, Columbus  
B.S.Ed. (Ohio Dominican College)  
*Field of Specialization: Education*
- Veronica Dziuba Payer, Columbus  
B.S.Nurs.  
*Field of Specialization: Education*
- David Duane Pearce, Falmouth, Me.  
A.B. (Bowdoin College)  
*Field of Specialization: Journalism*
- Brenda Faye Pearsall,  
St. Petersburg, Fla.  
B.A. (Andrews University)  
*Field of Specialization: English*
- John Wayne Perkins, Columbus  
B.A.  
*Field of Specialization: Linguistics*
- Sally Jane Phillips, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization: Romance  
Languages*
- Patricia Ann Pogorzelski, Akron  
B.S.Ed. (University of Akron)  
*Field of Specialization: Music*
- Niecy Hentz Polk, Lambert, Miss.  
B.S. (Jackson State College)  
*Field of Specialization: English*
- Jorge Enrique Porras Porras,  
Bogota, Colombia  
Licenciado, (Universidad Pedagogica  
y Tecnologica de Colombia)  
*Field of Specialization: Romance  
Languages*
- Delbert Louis Porter, Columbus  
B.A. (San Fernando Valley State  
College)  
*Field of Specialization: Journalism*
- Nancy Christine Porter, Mainesville  
B.A. (College of Wooster)  
*Field of Specialization: Romance  
Languages*
- Audra Larabee Prefling, Mansfield  
B.S. (Ashland College)  
*Field of Specialization: Education*
- David Martin Presnall, Columbus  
B.A. (Saint Marys College,  
California)  
*Field of Specialization: Psychology*
- Susan Greenwood Pridemore,  
Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Thomas Ronald Pyron,  
Memphis, Tenn.  
B.S. (Lambuth College)  
*Field of Specialization: Education*
- Kathleen Reardon Ramsey, Columbus  
B.A. (Anderson College)  
*Field of Specialization: Education*
- Linda Ruth Rapp, Germantown, N. Y.  
B.S. (Saint Lawrence University)  
*Field of Specialization: Psychology*
- John Reardon, Girard  
B.S.Ed.  
*Field of Specialization: Theatre*
- Margarita Rebolledo, Columbus  
A.B. (Morehead University); M.A.  
(Ohio University)  
*Field of Specialization: Education*
- Karen Kristine Rechnitzer,  
Littleton, Colo.  
B.A. (Colorado College)  
*Field of Specialization: History of  
Art*
- Lynn Lundholm Reichenbach,  
Columbus  
B.S.Ed.  
*Field of Specialization: Romance  
Languages*
- Harris Gregory Reife, Columbus  
B.A. (Pace College)  
*Field of Specialization: Education*
- Timothy Lloyd Reno, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- John Kenneth Riley, Jr., Columbus  
B.S.Bus.Adm. (University of Dayton)  
*Field of Specialization: Education*
- Roberta Humphreys Riley, Greenfield  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Glenn David Ritchie,  
Palos Verdes, Calif.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Psychology*

- Joseph Edward Ritchie, II,  
Michigan City, Ind.  
A.B. (Calvin College)  
*Field of Specialization:* German
- Ronald Asa Robison, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Public Administration
- Sister Carolyn Rock, La Crosse, Wis.  
B.M.E. (Viterbo College)  
*Field of Specialization:* Music
- Martha Lou Rodabaugh, Hilliard  
B.S.Ed.  
*Field of Specialization:* Education
- Robert Wells Rogers, Columbus  
Ph.B. (University of Wisconsin, Madison)  
*Field of Specialization:* Anthropology
- Sally Jo Rogers, Ashland  
A.B. (Ashland College)  
*Field of Specialization:* Psychology
- Pamela Henry Rosenberg,  
Champaign, Ill.  
A.B. (University of California, Berkeley)  
*Field of Specialization:* History
- George Alexander Ross, Columbus  
B.A. (DePauw University)  
*Field of Specialization:* Sociology
- Jennifer Esther Ruff, Cincinnati  
B.A. (Miami University)  
*Field of Specialization:* Psychology
- John Marco Ruyan, Westerville  
B.A. (Muskingum College)  
*Field of Specialization:* Physical Education
- Thomas F. Ryan, New York, N. Y.  
B.A. (Iona College)  
*Field of Specialization:* Psychology
- Timothy Patrick Ryan, Harahan, La.  
B.A. (Louisiana State University and Agricultural and Mechanical College)  
*Field of Specialization:* Economics
- Myron Peter Sanborn,  
Center Barnstead, N. H.  
B.Mus. (University of New Hampshire)  
*Field of Specialization:* Music
- Carolyn Johns Savory, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- John Randall Schiller, Mt. Gilead  
B.A. (Ohio Northern University)  
*Field of Specialization:* Education
- Laura Shardell Schultz, Westerville  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education
- Nancy Wachs Schultz, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Patricia Lee Schumann, Cleveland  
B.S.Ed.  
*Field of Specialization:* Education
- Regina Curtis Scoles, Columbus  
B.S.Lang. (Georgetown University)  
*Field of Specialization:* Slavic Languages
- Janet Elaine Scott, Painesville  
B.S.Ed. (California State College, Pennsylvania)  
*Field of Specialization:* Education
- Doreen Harriet Seidler,  
Lake Success, N. Y.  
B.A. (Bennington College)  
*Field of Specialization:* Psychology
- Carol Ann Shepard, Mobile, Ala.  
B.S. (Alabama State College)  
*Field of Specialization:* Education
- Sally Meyer Shinn, Worthington  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization:* Education
- Richard Wilbert Simmons, Columbus  
B.A.Jour.  
*Field of Specialization:* Romance Languages
- Anne Childress Smith, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jerald Michael Smith, Omaha, Neb.  
B.S. (University of Nebraska, Omaha)  
*Field of Specialization:* Psychology
- Margaret Frisch Smith, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Patricia Clingo Snider, Columbus  
B.A.  
*Field of Specialization:* Sociology
- Chrysostomus A. Sofianos, Paphos, Cyprus  
Diploma (University of Athens, Greece)  
*Field of Specialization:* Education
- Sydel Sokuvitz,  
North Miami Beach, Fla.  
B.A. (University of Florida)  
*Field of Specialization:* Education
- Lise Breck Spangler, Greensburg, Pa.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education
- Patricia Gray Stegmaier, Cleveland  
A.B. (John Carroll University)  
*Field of Specialization:* Education
- Harold Coker Stevens,  
Farmington, N. M.  
B.A. (McMurry College)  
*Field of Specialization:* History
- Robert Allen Stier,  
Newton Center, Mass.  
B.A. (College of the Holy Cross)  
*Field of Specialization:* Psychology
- Kathleen Revenaugh Stohrer,  
Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Psychology
- Sara Elizabeth Stradley, Columbus  
B.A. (DePauw University)  
*Field of Specialization:* Education
- Masami Sudo, Tokyo, Japan  
B.Law (University of Tokyo)  
*Field of Specialization:* Public Administration
- Karen Sudol, East Paterson, N. J.  
B.A. (Fordham University)  
*Field of Specialization:* Romance Languages
- Cynthia Sue Sullivan, Delaware  
B.S.Ed.  
*Field of Specialization:* Education
- °David George Swank, Zoar  
*Field of Specialization:* English
- Paul Clement Sweeney, Newton, Mass.  
B.A. (University of Massachusetts)  
*Field of Specialization:* Journalism
- Clinton Richman Swift,  
Branford, Conn.  
B.A. (Wesleyan University)  
*Field of Specialization:* Journalism
- Barbara Jean Tatum, Columbus  
B.A. (Marshall University)  
*Field of Specialization:* Education
- David Leon Taylor, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Nguyen Thi Thao, Saigon, Vietnam  
License (University of Saigon)  
*Field of Specialization:* Education
- Larry Edwin Tischer, Columbus  
B.S.Bus.Adm. (Colorado University)  
*Field of Specialization:* Business Administration

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Wilma Weaver Tompkins,  
New Lexington  
B.S.Nurs.  
*Field of Specialization: Education*

Wallace Alan Toney,  
University City, Miss.  
A.B. (Indiana University)  
*Field of Specialization: Slavic  
Languages*

Fiona Henderson Travis, Columbus  
B.A. (Muskingum College)  
*Field of Specialization: Education*

Ben Scott Trotter, Columbus  
B.A.  
*Field of Specialization: History*

Karen Petroccia Trubisz, Columbus  
B.A. (State University of New York,  
Fredonia)  
*Field of Specialization: Education*

Alice Kuang Ping Chu Tsao,  
Taipei, Taiwan  
B.A. (National Cheng Chi University)  
*Field of Specialization: East Asian  
Languages*

Francis Paul Urtz, Rome, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization: Psychology*

Joseph Irvin Vincent, Harvey, La.  
B.A. (Loyola University)  
*Field of Specialization: Slavic  
Languages*

Albert Edward Virgil,  
Millersburg, Ind.  
A.B. (Indiana University)  
*Field of Specialization: Psychology*

Barbara Visser Wagenaar, Columbus  
B.A. (Calvin College)  
*Field of Specialization: Education*

John Robert Waldo, Columbus  
B.S.Bus. Adm.  
*Field of Specialization: Business  
Administration*

James Lawrence Warden, Columbus  
B.A.  
*Field of Specialization: Education*

Robert Elmer Warnock, Jr.,  
Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Public  
Administration*

Carolyn Elaine Washington,  
Cincinnati  
B.S.Soc.Wel.  
*Field of Specialization: Education*

George Robert Wassil, Columbus  
B.M.E. (General Motors Institute)  
*Field of Specialization: Education*

Nancy Lee Waters, Westerville  
B.A., B.S.Ed.  
*Field of Specialization: Education*

Cheryl Ann Watkins, Columbus  
B.A. (Rockford College)  
*Field of Specialization: Education*

Michael Lowell Welch, Marengo  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

Douglas Allen Wertman,  
Catasauqua, Pa.  
B.A. (Dickinson College)  
*Field of Specialization: Political  
Science*

James Herman Westfall, St. Louisville  
B.S. in Ed. (Kent State University)  
*Field of Specialization: Public  
Administration*

James Charles Wilson  
Memphis, Tenn.  
*Field of Specialization: History*

Patricia Hart Wilson, Columbus  
B.A.  
*Field of Specialization: Education*

Jill Susan Wiltberger, Waverly  
B.A.  
*Field of Specialization: Journalism*

Kristin Wolfram, Albion, Mich.  
B.S. (Denison University)  
*Field of Specialization: Education*

Polly P. Yang, Taipei, Taiwan  
B.A. (National Taiwan University);  
M.S. (Murray State University)  
*Field of Specialization: East Asian  
Languages*

Michael Allen Young, Columbus  
B.A.  
*Field of Specialization: Education*

Steven E. Zartman, Springfield  
B.A.  
*Field of Specialization: Education*

Holly Cohan Zingale, Columbus  
A.B. (Mount Holyoke College)  
*Field of Specialization: Psychology*

Patricia Kay Zingheim,  
North Palm Beach, Fla.  
A.B. (University of Michigan)  
*Field of Specialization: Psychology*

### **Master of Business Administration**

Twenty-seven candidates

Thomas Andrew Albaugh, Columbus  
B.S. (College of Steubenville)  
*Field of Specialization: Business  
Administration*

Joseph Paul Bellino, Youngstown  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

Edward Paul Bessey, Columbus  
B.A.  
*Field of Specialization: Business  
Administration*

Frederick John Bingle, Toledo  
B.B.A. (University of Notre Dame)  
*Field of Specialization: Business  
Administration*

David Michael Butler, Columbus  
B.S. (Michigan State University)  
*Field of Specialization: Business  
Administration*

Michael Scott Chambers, Navarre  
B.S.I.E.  
*Field of Specialization: Business  
Administration*

Phillip Hamlin Corse, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

Lawrence Thomas Driscoll,  
Rochester, N. Y.  
B.S. (College of William and Mary);  
M.S.  
*Field of Specialization: Business  
Administration*

Thomas William Ferratt, Muncie, Ind.  
B.B.A. (University of Notre Dame)  
*Field of Specialization: Business  
Administration*

Ronald Elliot Fisch, Montclair, N. J.  
B.S. (University of Maryland)  
*Field of Specialization: Business  
Administration*

\* Also Bachelor of Arts, Colleges of the  
Arts and Sciences

Robert Beall Franklin, Jr., Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Mark Ellis Gorchoff, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

John Wayne Grace, Columbus  
B.B.A. (Ohio University)  
*Field of Specialization: Business Administration*

David Paul Handke, Jr.,  
Shaker Heights  
B.S. (Vanderbilt University)  
*Field of Specialization: Business Administration*

Robert Howard Henert, Marion  
B.S. in B.A. (Northwestern University)  
*Field of Specialization: Business Administration*

Kent Arne Willy Larsson,  
Malmo, Sweden  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Kenneth James Levy, Shaker Heights  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Larry Lynn Main, Ashley  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Walter Lee McCombs, Lakewood  
B.A. (Kent State University)  
*Field of Specialization: Business Administration*

Randy Paul Oates, Columbus  
B.S.I.E.  
*Field of Specialization: Business Administration*

Ronald Gordon Odum,  
San Francisco, Calif.  
B.S. (United States Military Academy)  
*Field of Specialization: Business Administration*

Raj Parr, Bombay, India  
B.E. (University of Madras); M.S.  
*Field of Specialization: Business Administration*

James Miller Pentecost, II, Columbus  
B.S. (University of Tennessee); M.S. (Stanford University)  
*Field of Specialization: Business Administration*

Helen Chenot Pestel, Gahanna  
B.S. (Ohio University)  
*Field of Specialization: Business Administration*

James Francis Ricketts, Cincinnati  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

David Alan Steiger, Solon  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

John Alfred Wills, Worthington  
B.S.Bus.Adm. (University of Dayton)  
*Field of Specialization: Business Administration*

#### **Master of City Planning**

Twenty candidates

Thomas Grant Ayres, Rockville, Ind.  
B.A.E. (University of Mississippi)  
*Field of Specialization: City and Regional Planning*

Melvin Lee Blackstone, Carroll  
B.S.Soc.Wel.  
*Field of Specialization: City and Regional Planning*

Anthony Di Tommaso, Aliquippa, Pa.  
B.A. (Saint Vincent College)  
*Field of Specialization: City and Regional Planning*

Paul Peter Eberhart, Cuyahoga Falls  
B.A.  
*Field of Specialization: City and Regional Planning*

Phyllis Ann Korab, Lorain  
B.A. (Purdue University)  
*Field of Specialization: City and Regional Planning*

John James Lynch, Elizaville, N. Y.  
B.A. (Marist College)  
*Field of Specialization: City and Regional Planning*

Bruce Arthur Meyers,  
Silver Spring, Md.  
B.S.Comm. (Washington and Lee University)  
*Field of Specialization: City and Regional Planning*

Russell Allen Miller, Columbus  
B.A. (Bradley University)  
*Field of Specialization: City and Regional Planning*

William Hurley Nevius, Toledo  
A.B. (Colgate University)  
*Field of Specialization: City and Regional Planning*

William Eugene Oliver,  
Cheshire, Conn.  
B.A. (George Washington University); M.A.  
*Field of Specialization: City and Regional Planning*

Emory Jackson Price, Dallas, Tex.  
B.A. (University of Texas)  
*Field of Specialization: City and Regional Planning*

Gregory Harrison Smith, Zanesville  
B.A. (Wittenberg University)  
*Field of Specialization: City and Regional Planning*

Prescott Carleton Snyder,  
Plymouth, Ind.  
B.A. (Purdue University)  
*Field of Specialization: City and Regional Planning*

Gary Wayne Stith, Tulsa, Okla.  
B.A. (Oklahoma State University)  
*Field of Specialization: City and Regional Planning*

Patricia Aileen Suttman, Bellbrook  
B.A. (University of Dayton)  
*Field of Specialization: City and Regional Planning*

Charles Martin Taylor, Hudson  
B.I.E. (General Motors Institute)  
*Field of Specialization: City and Regional Planning*

Gary Van Turner, Richmond, Ind.  
B.S. (Ball State University)  
*Field of Specialization: City and Regional Planning*

George Russell Urban, Saltsburg, Pa.  
B.A. (Indiana University of Pennsylvania)  
*Field of Specialization: City and Regional Planning*

Richard Jay Wiederhorn,  
Minneapolis, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization: City and Regional Planning*

Hubert Wirtz, Columbus  
B.A. (Purdue University); M.A.  
*Field of Specialization: City and Regional Planning*

**Master of Fine Arts**

Two candidates

Robert Scott Campbell, Clio, Mich.  
B.F.A. (Herron School of Art)  
*Field of Specialization:* Fine Arts  
(Painting)

Bryon James Savon, Bay Village  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Painting)

**Master of Music**

Eight candidates

Robert Alan Cochran, Van Wert  
B.Mus.Ed.  
*Field of Specialization:* Music

James Joseph Luellen, Columbus  
B.S.Ed.  
*Field of Specialization:* Music

Charles Richmond Mayhew, Hamilton  
B.S.Ed.  
*Field of Specialization:* Music

Susan Burghardt Rafferty, Columbus  
B.Mus.  
*Field of Specialization:* Music

Linda Jean Shay, Corvallis, Ore.  
B.A., B.M. (University of Oregon)  
*Field of Specialization:* Music

Jeffrey Brinton Unger,  
Lakewood, N. J.  
B.Mus.Ed. (Baldwin-Wallace College)  
*Field of Specialization:* Music

Beverly Jean Vaughn, Columbus  
B.A. (Loma Linda University)  
*Field of Specialization:* Music

Mary Louise Walker, Augusta, Ga.  
B.Mus. (Florida State University)  
*Field of Specialization:* Music

**Master of Public Administration**

Ten candidates

John Richard Ambrogne,  
Arlington, Mass.  
A.B. (Boston College)  
*Field of Specialization:* Public  
Administration

John William Anderson, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Public  
Administration

Richard Riley Burk, Columbus  
B.A. (University of Dayton)  
*Field of Specialization:* Public  
Administration

Alan Preston Byrd, Dayton  
A.B. (Washington University)  
*Field of Specialization:* Public  
Administration

Anthony Samuel Cicatiello,  
Youngstown  
B.S.  
*Field of Specialization:* Public  
Administration

Phillip Code, Warren  
B.A., M.A.  
*Field of Specialization:* Public  
Administration

Lynne Moore Kweder, Columbus  
A.B. (Allegheny College)  
*Field of Specialization:* Public  
Administration

Charles Augustus Mahoney, Jr.,  
Quantico, Va.  
B.S. (United States Naval  
Academy); B.A. (Saint Paul's  
College)  
*Field of Specialization:* Public  
Administration

Pamela Joy Neff, Columbus  
B.A. (Bluffton College)  
*Field of Specialization:* Public  
Administration

Cathleen Ireland Platt, Columbus  
B.S. (Michigan State University)  
*Field of Specialization:* Public  
Administration

**Master of Science**

Two hundred and twenty-seven candidates

Judith Gail Abilock, Orlando, Fla.  
B.A. (University of Rochester)  
*Field of Specialization:* Computer  
and Information Science

Gerald Paul Alonge,  
Jamestown, N. Y.  
A.B. (State University of New York,  
Fredonia)  
*Field of Specialization:* Allied  
Medicine

William Gregory Alspach, Lancaster  
B.A. (DePauw University)  
*Field of Specialization:* Natural  
Resources

Mayoor Natubhai Amin,  
Bombay, India  
B.E. (University of Bombay)  
*Field of Specialization:* Electrical  
Engineering

Roger Paul Austin, Cincinnati  
B.S.Pharm. (University of Cincinnati)  
*Field of Specialization:* Pharmacy

Hisham Wajih Baghdadi,  
Beirut, Lebanon  
B.S.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Ellen Peterson Bell, Medina  
B.S.Nurs.  
*Field of Specialization:* Nursing

Dennis Paul Beres, Hialeah, Fla.  
B.S.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Robert Leroy Berry, Springfield  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization:* Electrical  
Engineering

Nancy Jane Blakely,  
Springville, N. Y.  
B.S. (State University of New York,  
Buffalo)  
*Field of Specialization:* Allied  
Medicine

Jeffrey Ward Blancett, Zanesville  
B.A. (DePauw University)  
*Field of Specialization:* Allied  
Medicine

Kathleen Berger Blickenstaff,  
Versailles  
B.S.Nurs.  
*Field of Specialization:* Nursing

Alan William Brass, Girard  
A.B. (Youngstown State University)  
*Field of Specialization:* Allied  
Medicine

Robert Michael Briem, Provo, Utah  
B.S., M.S. (Brigham Young  
University)  
*Field of Specialization:* Preventive  
Medicine

John Albert Brogan,  
San Antonio, Tex.  
B.S.E.E. (University of Texas)  
*Field of Specialization:* Electrical  
Engineering

- James Ollen Bryan, Columbus  
B.S. (George Washington University)  
*Field of Specialization: Allied  
Medicine*
- Chinawood Buranarom,  
Bangkok, Thailand  
B.C.E. (Chulalongkorn University);  
M.E. (Asian Institute of Technology)  
*Field of Specialization: Civil  
Engineering*
- Gerald Paul Butrimovitz,  
Oak Park, Mich.  
B.A. (Wayne State University)  
*Field of Specialization: Chemistry*
- Steven Colby Buttrick, Ipswich, Mass.  
B.A. (University of New Hampshire)  
*Field of Specialization: Botany*
- Rosemary Dolores Callaghan,  
Jersey City, N. J.  
B.A. (College of Saint Elizabeth)  
*Field of Specialization: Mathematics*
- John Robert Cameron, Walton Hills  
B.S.  
*Field of Specialization: Chemical  
Engineering*
- Gary Lee Campbell, Columbus  
A.B. (Cornell University)  
*Field of Specialization: Computer  
and Information Science*
- Marilyn Constance Campbell,  
North Hollywood, Calif.  
B.S. (California State Polytechnic  
College)  
*Field of Specialization: Home  
Economics*
- Shabbar Nuruddin Charania,  
Karachi, Pakistan  
B.E. (University of Karachi)  
*Field of Specialization: Civil  
Engineering*
- Mei-Wan Cheng, Taipei, Taiwan  
B.S. (Taiwan Provincial Chung-Hsing  
University)  
*Field of Specialization: Microbiology*
- Thomas Ross Childs, Westerville  
B.S.L.E. (University of Akron)  
*Field of Specialization: Allied  
Medicine*
- \*Teung Fook Chin, Cincinnati  
*Field of Specialization: Horticulture*
- Chul Won Cho, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization: Metallurgical  
Engineering*
- Yi Chu, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Botany*
- Kenneth Paul Coffae, Worthington  
D.D.S.  
*Field of Specialization: Dentistry*
- Leonardo Rafael Corral,  
Riobamba, Ecuador  
B.S.Agr.  
*Field of Specialization: Agronomy*
- \*\*Wesley Roland Cox, Cincinnati  
*Field of Specialization: Mechanical  
Engineering*
- Mary Knapp DeNoble, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Robert Louis DeVore, Akron  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- \*\*\*Ronald Paul Dickerhoof,  
Louisville  
*Field of Specialization: Agricultural  
Education*
- Randi Douglas Dikeman,  
Pittsburgh, Pa.  
B.S. (Ohio University)  
*Field of Specialization: Ceramic  
Engineering*
- James Richard Douglas, Columbus  
B.S. in M.E. (Michigan College of  
Mining and Technology)  
*Field of Specialization: Metallurgical  
Engineering*
- Karen Ann Rand Dries,  
New Orleans, La.  
B.S. (Louisiana State University and  
Agricultural and Mechanical College)  
*Field of Specialization: Mathematics*
- Janis Eileen Dugle,  
Lawrenceburg, Ind.  
B.S. (Indiana University)  
*Field of Specialization: Mathematics*
- Donald Dean Duncan, Lexington, Ky.  
B.S.E.E. (University of Kentucky)  
*Field of Specialization: Electrical  
Engineering*
- Paula Catalano Dunnigan, Columbus  
A.B. (Douglass College, Rutgers  
University)  
*Field of Specialization: Chemistry*
- Leonard Kenneth Ebel, Columbus  
B.S.Ed., D.D.S.  
*Field of Specialization: Dentistry*
- Donald Eugene Eichelberger, Urbana  
B.S.  
*Field of Specialization: Natural  
Resources*
- Mary Zeyen Elmore, Columbus  
B.S.Ed.  
*Field of Specialization: Natural  
Resources*
- David Earl Enting, Columbus  
B.S.M.E.  
*Field of Specialization: Mechanical  
Engineering*
- Wayne Gerald Erlandson, Columbus  
B.A.  
*Field of Specialization: Natural  
Resources*
- Robert Clare Ettinger, Fairborn  
B.S. (University of California,  
Berkeley)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- James Gilbert Eye, Jr., Columbus  
A.B. (Drury College)  
*Field of Specialization: Entomology*
- Danny Dale Farmer, Finley, Ky.  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*
- Karen Hune Farrell, Columbus  
B.A. (Muskingum College)  
*Field of Specialization: Allied  
Medicine*
- Isaac Clyde Ferguson, Charleston, Ill.  
B.S., M.S. (Brigham Young  
University)  
*Field of Specialization: Preventive  
Medicine*
- Meriel Jean Ferrell,  
North Little Rock, Ark.  
B.S. (Little Rock University)  
*Field of Specialization: Medical  
Microbiology*
- Marilyn Humpert Fetters, Dayton  
B.S.Phys.The.  
*Field of Specialization: Allied  
Medicine*
- Joe Allen Fetzer, Columbus  
B.S.  
*Field of Specialization: Geology*
- William Dudley Fields, III, Dayton  
B. of Aerospace Eng. (Georgia  
Institute of Technology)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Karen Smith Fleshman, St. Louis, Mo.  
B.S. (Kent State University)  
*Field of Specialization: Physiology*

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

\*\* Also Bachelor of Mechanical Engineering,  
College of Engineering

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

- Dennis Eugene Freer,  
Selfridge AFB, Mich.  
B.S.  
*Field of Specialization: Zoology*
- Marilee Lucas Gallagher, Columbus  
A.B. (Mount Holyoke College)  
*Field of Specialization: Anatomy*
- Michael William George, Kent  
B.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*
- Warren David Gilson, Wooster  
B.A. (Otterbein College)  
*Field of Specialization: Dairy Science*
- James Ronald Gonterman,  
Cub Run, Ky.  
B.S. (Western Kentucky University)  
*Field of Specialization: Geology*
- Michael Terry Goodman, Columbus  
B.S. (Capital University)  
*Field of Specialization: Anatomy*
- Gerald Eugene Grodecki, Columbus  
B.E. (Youngstown State University)  
*Field of Specialization: Electrical  
Engineering*
- Robert Allan Haeffner,  
Bloomfield Heights, Mich.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Electrical  
Engineering*
- Stephanie Louise Hamilton,  
Rockaway Park, N. Y.  
B.S. (State University of New York,  
New Paltz)  
*Field of Specialization: Botany*
- Bryant R. Hanson, Atlanta, Ga.  
A.B. (Regis College)  
*Field of Specialization: Allied  
Medicine*
- James Warren Harrison,  
Montgomery, Ala.  
D.V.M. (Auburn University)  
*Field of Specialization: Veterinary  
Clinical Sciences*
- Nolan Robert Hartwig, Atlantic, Ia.  
D.V.M. (Iowa State University)  
*Field of Specialization: Veterinary  
Preventive Medicine*
- Jonathan David Hawk,  
Ypsilanti, Mich.  
B.S. (Southern Illinois University)  
*Field of Specialization: Allied  
Medicine*
- Susan Young Heaphy, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization: Biophysics*
- James William Henneberger,  
Hamilton  
B.S.A.A.E.  
*Field of Specialization: Industrial  
Engineering*
- Jonatha Hammer Hickam,  
Reynoldsburg  
B.S. (Iowa State University of  
Science and Technology)  
*Field of Specialization: Home  
Economics*
- Sanford Steven Hirschhorn,  
Oceanside, N. Y.  
B.A. (University of Rochester)  
*Field of Specialization: Mathematics*
- Bang-Lee Ho, New York, N. Y.  
B. of Medicine (National Defense  
Medical Center, Taiwan)  
*Field of Specialization: Preventive  
Medicine*
- Marc Alan Hoffman, Oxford  
B.S. (Miami University)  
*Field of Specialization: Allied  
Medicine*
- Boyd Eugene Holsapple, Springfield  
B.S.  
*Field of Specialization: Mathematics*
- Andrew Michael Hruszkewycz, Parma  
B.S. (John Carroll University)  
*Field of Specialization: Physiology*
- Che-Ming Huang, Kaohsiung, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Biophysics*
- Kuo-Hsiung Huang,  
In Lin Shien, Taiwan  
B.S. (Tungshai University, Taiwan)  
*Field of Specialization: Industrial  
Engineering*
- Sidney Edgar Hughes,  
Nara Visa, N. M.  
B.S. (New Mexico State University)  
*Field of Specialization: Agricultural  
Engineering*
- Daniel Martin Hummer, Middletown  
B.S.Bus.Adm.  
*Field of Specialization: Computer  
and Information Science*
- Susan Arthur Hummer,  
Edgewood, Ia.  
B.A. (Clarke College)  
*Field of Specialization: Computer  
and Information Science*
- Fred Alan Hunt, Hide-a-Way Hills  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*
- Florence Smith Hutchinson, Columbus  
B.S. (Northwestern University)  
*Field of Specialization: Allied  
Medicine*
- Margaret Catherine Hyland,  
Louisville, Ky.  
B.S. (Catherine Spaulding College)  
*Field of Specialization: Natural  
Resources*
- Catherine Louise Imhoff, Rittman  
B.S. (Baldwin-Wallace College)  
*Field of Specialization: Astronomy*
- Keith Merrill Irvin,  
New Castle, Ind.  
B.S. (Purdue University)  
*Field of Specialization: Animal  
Science*
- George Paul Jones, Kingston, N. Y.  
B.A. (Hartwick College)  
*Field of Specialization: Mathematics*
- Lyle Allen Jones, Columbus  
B.S.Agr.  
*Field of Specialization: Agronomy*
- ◊Thomas Lee Jones, New Albany  
*Field of Specialization: Electrical  
Engineering*
- Vasik Ata Karamians, Columbus  
B.C.E. (Tehran University)  
*Field of Specialization: Civil  
Engineering*
- Michael Joseph Katila,  
Fairport Harbor  
B.S.Ch.E.  
*Field of Specialization: Chemical  
Engineering*
- Nimbaji Shrawanji Katole,  
Udaipur, India  
B.Sc., M.Sc. (Nagpur University)  
*Field of Specialization: Agronomy*
- Richard Terrence Keefe, III,  
Columbus  
B.S. (Cornell University)  
*Field of Specialization: Home  
Economics*

\* Also Bachelor of Electrical Engineering  
College of Engineering

- Sherry Joy Kendall, Milwaukee, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization: Home Economics*
- William Henry Kiehmeyer, Columbus  
B.Cer.E.  
*Field of Specialization: Ceramic Engineering*
- Michael Louis Kleinberg, Columbus  
B.S. (University of Arizona)  
*Field of Specialization: Pharmacy*
- James Carl Klepyk, Wickliffe  
B.S. (University of Toledo)  
*Field of Specialization: Pharmacy*
- Edwin Victor Kluth, Berea  
B.S., D.D.S. (Western Reserve University)  
*Field of Specialization: Dentistry*
- Milind Sudhakar Korde,  
Bombay, India  
B.Tech., M.Tech. (Indian Institute of Technology)  
*Field of Specialization: Mechanical Engineering*
- Sohrab Kourosh, Tehran, Iran  
Licentiate (Tehran Institute of Technology); Licentiate (Tehran University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Quoc-Minh Lac, Hong Kong  
B.S. (National Taiwan University)  
*Field of Specialization: Electrical Engineering*
- Ho-Hong Lai, Berkeley, Calif.  
B.S., M.S. (University of California, Berkeley)  
*Field of Specialization: Industrial Engineering*
- Ronald Leon Lambdin, Fairborn  
B.S.M.E. (Purdue University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Michael Allen Laubacher, Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Mathematics*
- Sharon Rene Lauderback, Tulsa, Okla.  
B.S. (University of Oklahoma)  
*Field of Specialization: Nursing*
- Lorenz Karl Lehner, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Allied Medicine*
- George Eric Leigh, Cleveland  
B.S.  
*Field of Specialization: Geodetic Science*
- John Finley Lethert, St. Paul, Minn.  
B.E.E. (University of Minnesota)  
*Field of Specialization: Electrical Engineering*
- June Wilsker Levine, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Sheng Shong Lin, Taipei, Taiwan  
B.S.Agr. (National Taiwan University); M.S. (Auburn University)  
*Field of Specialization: Civil Engineering*
- Jerry Lee Lockenour, Columbus  
B.S.Aero. and Astro. Eng. (Purdue University)  
*Field of Specialization: Mechanical Engineering*
- Jeffrey Allen Long, Columbus  
B.A.  
*Field of Specialization: Allied Medicine*
- Karen Louise Holub Loomis, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*
- Rita Lynn, State College, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Physiology*
- Joseph Leo Mabon, Alexandria, Va.  
B.A. (Saint Francis College, Pennsylvania); M.S.W. (Catholic University of America)  
*Field of Specialization: Preventive Medicine*
- Gerald Lee Mahan, Xenia  
B.S.Agr.  
*Field of Specialization: Natural Resources*
- Patrick John Mahoney, Toledo  
B.S. (University of Toledo);  
Cert. Grad. Phys. Ther.  
*Field of Specialization: Allied Medicine*
- Randolph Eric Maier, Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Lawrence William Margolis, Youngstown  
B.S. (Ohio University)  
*Field of Specialization: Hospital Administration*
- Harry Michael Marks, Columbus  
B.S.  
*Field of Specialization: Mathematics*
- James Vincent Marquard, Cleveland  
B.S. (John Carroll University);  
D.D.S.  
*Field of Specialization: Pathology*
- Joseph Robert Martin,  
Canal Winchester  
B.S. (Massachusetts Institute of Technology)  
*Field of Specialization: Allied Medicine*
- Wilson Roberto Soares Mattos,  
Sao Paulo, Brazil  
Engenheiro-Agronomo (Universidade de Sao Paulo, Brazil)  
*Field of Specialization: Dairy Science*
- David Randall Mayhew, Dayton  
B.S.A.A. (Massachusetts Institute of Technology)  
*Field of Specialization: Mechanical Engineering*
- Dennis Charles Mays, Columbus  
B.S. (Ohio University)  
*Field of Specialization: Preventive Medicine*
- Dominic John Mazzarulli,  
Pennsauken, N. J.  
B.S. (University of Notre Dame)  
*Field of Specialization: Allied Medicine*
- Thomas David McConnell,  
Mingo Junction  
B.S.Bus.Adm.  
*Field of Specialization: Allied Medicine*
- Noel Roderick McGill, Urbana  
B.S. (Urbana College)  
*Field of Specialization: Botany*
- Edward John McKay, Derwood, Md.  
B.S. (Lebanon Valley College)  
*Field of Specialization: Geodetic Science*
- David Anthony Merrelli, Tiltonsville  
B.S. (Wheeling College)  
*Field of Specialization: Mathematics*
- Burton Stone Middlebrooks, Kettering  
B.S.F. (University of Georgia)  
*Field of Specialization: Natural Resources*
- Frank Mark Mikan, Youngstown  
B.S. (Youngstown State University)  
*Field of Specialization: Geology*
- Kenneth Taylor Misener, Niles, Ill.  
B.S.Bus.Adm.  
*Field of Specialization: Allied Medicine*

- Beverly Marie Modzelewski, Columbus  
B.S.Med.Tech.  
*Field of Specialization*: Allied  
Medicine
- Martha Briner Mokry, Columbus  
B.S.H.E.  
*Field of Specialization*: Home  
Economics
- Shirley Jeanne Mong, Mansfield  
B.A. (Wittenberg University)  
*Field of Specialization*: Genetics
- David Lee Moore, Russell, Pa.  
B.S.Mus.Ed., B.A. (Eastern Nazarene  
College)  
*Field of Specialization*: Botany
- Evelyn Buck Morgan, Reynoldsburg  
B.S.Nurs.  
*Field of Specialization*: Nursing
- Donald James Morrison, Columbus  
B.A. (Drake University); D.D.S.  
(State University of Iowa)  
*Field of Specialization*: Dentistry
- Michael Eugene Mount, Tiffin  
B.S. (Utah State University); D.V.M.  
*Field of Specialization*: Animal  
Science
- Allan Joseph Myers, Marion  
B.S.  
*Field of Specialization*: Computer and  
Information Science
- Keith Lowell Neer, Mechanicsburg  
B.S.Agr.  
*Field of Specialization*: Animal  
Science
- Darrell Ray Newcomer, Hill City,  
Kan.  
B.S. (University of Kansas)  
*Field of Specialization*: Pharmacy
- William Darrell Nicely, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Allied  
Medicine
- Raymond Stanley Nichols,  
Bridgeport, Conn.  
B.A. (University of Bridgeport)  
*Field of Specialization*: Mathematics
- Edward Graham Nold, Columbus  
B.S. (University of Michigan)  
*Field of Specialization*: Pharmacy
- Alden Bayard Oakes, II, Columbus  
B.S.E.E.  
*Field of Specialization*: Electrical  
Engineering
- Thomas Prescott O'Brien, Chardon  
B.S. (John Carroll University)  
*Field of Specialization*: Welding  
Engineering
- David Kerry O'Loughlin,  
Limerick, Ireland  
B.S. (University College, Ireland)  
*Field of Specialization*: Food Sciences  
and Nutrition
- John Edward Osborne,  
South Charleston, W. Va.  
B.S. (Morris Harvey College); M.D.  
(West Virginia University)  
*Field of Specialization*: Preventive  
Medicine
- George Gilbert Outterson, Cincinnati  
B.A. (Northwestern University)  
*Field of Specialization*: Chemistry
- David Emerson Padgett,  
Louisville, Ky.  
A.B. (Duke University)  
*Field of Specialization*: Botany
- Carol B. Parrish, Columbus  
B.S.Nurs.  
*Field of Specialization*: Nursing
- LaRae Headlee Peters, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization*: Nursing
- Glenn Ray Pirtle, Worthington  
B.S.Agr.  
*Field of Specialization*: Agricultural  
Education
- Bernard Joseph Ploeger, Dayton  
B.S. (University of Dayton)  
*Field of Specialization*: Mathematics
- Teresa Ann Podoske, Logan  
B.S.Occ.Ther.  
*Field of Specialization*: Allied  
Medicine
- John Steven Polsley, Urbana  
B.S. (Ohio Northern University)  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering
- Gene Otto Proctor, Drakesville, Ia.  
B.S.Agr. (Iowa State University of  
Science and Technology)  
*Field of Specialization*: Animal  
Science
- Robert John Puskar, Monessen, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Electrical  
Engineering
- Arthur Bruce Pyster, Chicago, Ill.  
B.S. (University of Illinois)  
*Field of Specialization*: Computer and  
Information Science
- Timothy John Raab, Dayton  
B.S.  
*Field of Specialization*: Physics
- Jose Raul Ramirez, Bogota, Colombia  
Ingr. (Universidad Distrital,  
Colombia)  
*Field of Specialization*: Geodetic  
Science
- William Allen Ramoska, Barberton  
B.S.  
*Field of Specialization*: Entomology
- Lewis Asbury Ransdell, Frankfort  
B.S.Phys.Ther.  
*Field of Specialization*: Allied  
Medicine
- Donna Faye Redman, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Allied  
Medicine
- David Andrew Reece, Detroit, Mich.  
B.S.Bus.Adm. (Central Michigan  
University)  
*Field of Specialization*: Allied  
Medicine
- Harold Lee Reed, Hillsboro  
B.S.  
*Field of Specialization*: Statistics
- Robert William Rennard, Columbus  
B.S. (University of Wyoming)  
*Field of Specialization*: Electrical  
Engineering
- Seong Ho Rhee, Mokpo, Korea  
B.S. (Inha Institute of Technology,  
Korea)  
*Field of Specialization*: Chemical  
Engineering
- Stephen Ray Richards, Columbus  
B.S.  
*Field of Specialization*: Zoology
- David John Ringshauser, Cincinnati  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization*: Electrical  
Engineering
- Robert John Rittenhouse, Alliance  
B.A. (Mount Union College); B.S.Ed.  
*Field of Specialization*: Zoology
- Frederick Colson Rodgers, Cheshire  
B.S.A.A.E., M.S.  
*Field of Specialization*: Nuclear  
Engineering
- Michael Stephen Roscoe, Farmdale  
B.S. (Oregon State University)  
*Field of Specialization*: Geology

- \*Bernard Lee Ross, Mansfield  
*Field of Specialization: Agricultural Education*
- Joseph Monbo Sarkor, Columbus  
B.S. (University of Washington)  
*Field of Specialization: Civil Engineering*
- Genevieve Burkholder Schroeder, Columbus  
B.S.H.E.  
*Field of Specialization: Home Economics*
- Mark Stephen Seipel, Columbus  
B.S.E.E.  
*Field of Specialization: Electrical Engineering*
- Linda Ann Sharp, Columbus  
B.S.Nurs. (University of Michigan)  
*Field of Specialization: Nursing*
- Allan Sheinin, Columbus  
B.S., D.M.D. (University of Pittsburgh)  
*Field of Specialization: Dentistry*
- Roger Floyd Sheppard, Bellevue  
B.S. (Ohio University)  
*Field of Specialization: Entomology*
- Mervat Abdel Monem Shinaishin, Tala, Egypt  
B.S. (Alexandria University, United Arab Republic)  
*Field of Specialization: Nuclear Engineering*
- Jerry Lee Shoup, Wooster  
B.S.Agr.  
*Field of Specialization: Horticulture*
- Carl Leon Simpson, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization: Geology*
- Neville Bharat Singh, Georgetown, Guyana  
B.Sc.Eng. (University of Aberdeen, Scotland)  
*Field of Specialization: Civil Engineering*
- Umed Singh, Haryana, India  
B.A.,M.A. (Panjab University)  
*Field of Specialization: Statistics*
- Susan Marie Skaggs, Morgantown, W. Va.  
B.S.H.E. (West Virginia University)  
*Field of Specialization: Home Economics*
- Quentin Robert Skrabec, Adrian Mich.  
B.S.E. (University of Michigan)  
*Field of Specialization: Metallurgical Engineering*
- Richard Allen Smucker, Goshen, Ind.  
B.S.Ed. (Goshen College)  
*Field of Specialization: Microbiology*
- Harold Leon Snyder, Greenville  
B.S.Agr.  
*Field of Specialization: Agricultural Education*
- William Westley Somers, Euclid  
B.S., O.D.  
*Field of Specialization: Physiological Optics*
- Sheridan Sharp Steele, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Natural Resources*
- Dale Herman Stevens, Columbus  
B.S. (University of Illinois)  
*Field of Specialization: Preventive Medicine*
- Sandra Morral Stewart, Columbus  
A.B. (Carleton College); M.D. (University of Rochester)  
*Field of Specialization: Pediatrics*
- Donald Leon Stuber, Amherst  
B.S.  
*Field of Specialization: Mathematics*
- Patrick David Sullivan, Columbus  
B.S.E.E.  
*Field of Specialization: Electrical Engineering*
- Hon-Cheung Francis Tam, Toronto, Ont., Canada  
B.Sc. (University of Toronto)  
*Field of Specialization: Electrical Engineering*
- Ashoka Kumar Tandon, Bihar, India  
B.S.E.E. (Ranchi University)  
*Field of Specialization: Electrical Engineering*
- Joel Adrian Tavormina, Elizabeth, N. J.  
B.S.Agr.  
*Field of Specialization: Animal Science*
- Leslie Paul Taylor, Euclid  
B.S.  
*Field of Specialization: Mathematics*
- Larmour Bryan Templeton, Baltimore, Md.  
B.S. (Morgan State College)  
*Field of Specialization: Mathematics*
- William Earl Thompson, Columbus  
B.S.Ed.  
*Field of Specialization: Geology*
- James Arthur Tolcher, Newport News, Va.  
B.S. (John Carroll University)  
*Field of Specialization: Industrial Engineering*
- Duane Arthur Tolle, Lafayette, Ind.  
B.S.A. (Purdue University)  
*Field of Specialization: Zoology*
- Donald Earl Town, Forestville, N. Y.  
B.A. (DePauw University)  
*Field of Specialization: Mathematics*
- Mary Arnett Townsend, Columbus  
B.S.  
*Field of Specialization: Zoology*
- Kathryn Meister Uebelhart, Teaneck, N. J.  
B.A. (Wittenberg University)  
*Field of Specialization: Zoology*
- Thiengtrong Vangpatnakuljai, Bangkok, Thailand  
B.Eng. (Chulalongkorn University, Thailand)  
*Field of Specialization: Electrical Engineering*
- Theodore Bashford Walter, Jr., Oberlin  
A.B. (Oberlin College)  
*Field of Specialization: Zoology*
- Lee Arthur Wanke, Columbus  
B.Pharm. (Washington State University)  
*Field of Specialization: Pharmacy*
- David Scott Weaver, Toledo  
B.S. (University of Toledo); D.D.S.  
*Field of Specialization: Dentistry*
- John Allan Weaver, Dayton  
B.S. in Engr. Phys. (Montana State College)  
*Field of Specialization: Physics*
- \*\*\* Maria Mon Zou Wei, Waterloo, Ont., Canada  
*Field of Specialization: Horticulture*
- Ann Carol Welch, Columbus  
B.S. (University of Alabama)  
*Field of Specialization: Allied Medicine*

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

Ting-Ling Alice Wen, Taipei, Taiwan  
B.S. (National Tsing Hua University)  
*Field of Specialization: Computer and Information Science*

Daniel Jeff Whitner, Jr., Middletown  
B.S. (Ohio University); D.D.S. (Howard University)  
*Field of Specialization: Dentistry*

Peggy Wilder Wickliff, Toledo  
B.S.Ed. (Miami University)  
*Field of Specialization: Botany*

Michael Henry Wilder, Cincinnati  
B.S. (Ohio University); M.D.  
*Field of Specialization: Preventive Medicine*

Ernest Bryan Williams, Ellicott City, Md.  
B.S. (Capital University)  
*Field of Specialization: Geology*

Cynthia Elaine Winne, Columbus  
B.S.Ed.  
*Field of Specialization: Allied Medicine*

Richard Fred Woerner, Tremont, Ill.  
B.S.I.M. (Purdue University)  
*Field of Specialization: Computer and Information Science*

William Eugene Wooster, Columbus  
B.S.Ed.  
*Field of Specialization: Genetics*

Barry Lee Workman, Columbus  
B.S.Agr.  
*Field of Specialization: Animal Science*

Ellen Allison Young, Circleville  
B.S.H.E.  
*Field of Specialization: Home Economics*

Christian R. Zeidner, Columbus  
B.S. (Heidelberg College)  
*Field of Specialization: Computer and Information Science*

#### Master of Social Work

One hundred and thirteen candidates

Abdulhadi Mohammed Alawadi, Kuwait, Kuwait  
B.S. (Central Missouri State College)  
*Field of Specialization: Social Work*

Kathleen Marie Anderson, Taylor Falls, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization: Social Work*

Kathleen Putirskis Anderson, Dayton  
B.A. (University of Wisconsin)  
*Field of Specialization: Social Work*

Dora Marie Lowenstein Auslander, Columbus  
B.A. (American University)  
*Field of Specialization: Social Work*

Barbara Steines Baisden, Warren  
A.B. (Youngstown State University)  
*Field of Specialization: Social Work*

Vicky L. Ball, Cincinnati  
B.S.  
*Field of Specialization: Social Work*

Richard J. Baumann, Cincinnati  
B.A. (Loyola University)  
*Field of Specialization: Social Work*

Patricia Kennedy Bender, Cincinnati  
B.A. (Case Western Reserve University)  
*Field of Specialization: Social Work*

Helene Rochelle Benjamin, Flushing, N. Y.  
B.A. (State University of New York, Buffalo)  
*Field of Specialization: Social Work*

Pamela Kruske Bennett, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Barbara Goldstein Bobb, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Damon Mark Bower, Dayton  
B.A.  
*Field of Specialization: Social Work*

Elizabeth Anne Boyd, Carrollton  
B.A. (College of Wooster)  
*Field of Specialization: Social Work*

Oneta E. Bradford, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Richard Lee Brown, Columbus  
B.A. (Anderson College)  
*Field of Specialization: Social Work*

Betty Shaw Brunsman, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Johanna Ayer Cameron, Cincinnati  
A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*

Nancy Loss Clark, Groveport  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Margaret Kirgis Craig, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Judith Ann Cusin, Columbus  
B.A. (University of Dayton)  
*Field of Specialization: Social Work*

Barbara Lenore Cywinski, Pittsburgh, Pa.  
B.A. (Duquesne University)  
*Field of Specialization: Social Work*

Yvonne Davis, Chicago, Ill.  
B.S. (Alcorn Agricultural and Mechanical College)  
*Field of Specialization: Social Work*

Bernard Leroy Dillon, Mansfield  
B.S.Ed.  
*Field of Specialization: Social Work*

Celia Anne Drake, Columbus  
B.A.  
*Field of Specialization: Social Work*

Edna Jean DuBose, Cincinnati  
B.A.  
*Field of Specialization: Social Work*

Diane W. Eswine, Lorain  
B.A. (Bowling Green State University)  
*Field of Specialization: Social Work*

Linda Ann Ferguson, Parma  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Kay Weber Forsyth, Akron  
B.A. (University of Akron)  
*Field of Specialization: Social Work*

Darrel Lee Fourman, Greenville  
B.S. (Manchester College)  
*Field of Specialization: Social Work*

M. Caroline Frost, Owensboro, Ky.  
B.S. (Edgewell College); M.S. (Saint Louis University)  
*Field of Specialization: Social Work*

Vinolia Peterside Fubara, Columbus  
B.A. (Saint Thomas University, Canada)  
*Field of Specialization: Social Work*

Robertta Doherty Fulton, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Wayne Joseph Fulton, Wilmington  
B.S.J. (Ohio University)  
*Field of Specialization: Social Work*

Millie Ann Gallagher, Portsmouth  
A.B. (Morehead State University)  
*Field of Specialization: Social Work*

JoAnn Marie George, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Teresa Louise Giuliani, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization: Social Work*

Marilyn Joslove Gold, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Marshall S. Gordon, III, Columbus  
A.B. (West Virginia University)  
*Field of Specialization: Social Work*

Carolyn Scheidler Gross, Worthington  
A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*

Joseph Talbert Hairston, Worthington  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

David Arthur Hamilton,  
Fort Mitchell, Ky.  
A.B. (Thomas More College)  
*Field of Specialization: Social Work*

Imogene Wyatt Hamon, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

David Clark Hetzler, Columbus  
B.A. (Parsons College)  
*Field of Specialization: Social Work*

Jeffrey Nelson Hine, Pittsfield, Mass.  
A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*

Dorothy M. Hittner, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization: Social Work*

Connie Gallina Hoffman, Ashland  
A.B. (Ashland College)  
*Field of Specialization: Social Work*

Melanie Joan Howison, Columbus  
B.A.  
*Field of Specialization: Social Work*

Judith Seibert Hubert, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Social Work*

Daneen Julio Irving, Youngstown  
A.B. (Youngstown State University)  
*Field of Specialization: Social Work*

Frances Louise James, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Social Work*

Alverna Ellen Jenkins, Cincinnati  
B.A. (Fisk University); M.Ed.  
(Xavier University)  
*Field of Specialization: Social Work*

Addie Ruth Johnson, Bainbridge, Ga.  
B.A. (Fort Valley State College)  
*Field of Specialization: Social Work*

Walter William Jones, Columbus  
B.A. (Midwestern University)  
*Field of Specialization: Social Work*

Andrew Mark Juhas, New Castle, Del.  
A.B. (Ohio University)  
*Field of Specialization: Social Work*

Richard Robert Karges, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Ida Schreiber Katz, Cincinnati  
B.S.Ed. (University of Cincinnati)  
*Field of Specialization: Social Work*

Judith M. Kaufman, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Sister Mary Komar, Cincinnati  
B.S. (Mercy College); M.Ed. (Xavier  
University)  
*Field of Specialization: Social Work*

Maureen Inez Krah, Cincinnati  
B.A. (Blessed Sacrament College)  
*Field of Specialization: Social Work*

Thomas Richard Layne, Columbus  
B.A. (Whitworth College); B.D. (San  
Francisco Theological Seminary)  
*Field of Specialization: Social Work*

Earl Lawrence Lee,  
Charleston, W. Va.  
B.S. (Bluefield State College)  
*Field of Specialization: Social Work*

Janet Elaine Tillman Lefler,  
Oxford, Miss.  
B.A. (University of Mississippi)  
*Field of Specialization: Social Work*

Carol Kitchen Magee, Cincinnati  
B.A. (Marietta College); M.L.S.  
(University of Pittsburgh)  
*Field of Specialization: Social Work*

Robert Joel Marx, Bellaire  
A.B. (Ohio University)  
*Field of Specialization: Social Work*

Eileen Marilyn Mayers, Cincinnati  
A.B. (Stanford University)  
*Field of Specialization: Social Work*

Alan Joseph McConnell, Columbus  
B.S.Ed.  
*Field of Specialization: Social Work*

Kathleen Ann McNamara, Zanesville  
A.B. (Gettysburg College)  
*Field of Specialization: Social Work*

Richard Lawrence Meth, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization: Social Work*

Valerie Smith Milless, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Lewis Oscar Moon, Cincinnati  
A.B. (Wilmington College)  
*Field of Specialization: Social Work*

Jere Lynn Morrow, Wellston  
B.A., B.S.Ed., M.A.  
*Field of Specialization: Social Work*

Annette Jean Mundon, Cincinnati  
B.S. (Tuskegee Institute)  
*Field of Specialization: Social Work*

Christopher Ann Munford,  
San Francisco, Calif.  
A.B. (Vassar College)  
*Field of Specialization: Social Work*

Paulette Roberta Nosal, Donora, Pa.  
B.A. (Duquesne University)  
*Field of Specialization: Social Work*

Harriet Kaminsky Parsons,  
Moss Point, Miss.  
B.A. (Nassau College)  
*Field of Specialization: Social Work*

Gail Lenore Peterson, Columbus  
B.A. (Bowling Green State  
University)  
*Field of Specialization: Social Work*

Marion Lester Petry, Tipp City  
B.A. (Manchester College); B.D.  
(Bethany Theological Seminary)  
*Field of Specialization: Social Work*

Larry Allen Postell, Dayton  
B.A. (Wilberforce University)  
*Field of Specialization: Social Work*

Joel A. Rabb, Jr., Columbus  
A.B. (Earlham College)  
*Field of Specialization: Social Work*

Bascom William Ratliff, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Curtis Larry Richardson, Portsmouth  
A.B. (Ohio University)  
*Field of Specialization: Social Work*

Glenn Edward Rohrer, Columbus  
B.S.Soc.Wel.; M.Div. (Methodist  
Theological Seminary)  
*Field of Specialization: Social Work*

Sandra Lee Rubin, Trotwood  
B.A. (Indiana University)  
*Field of Specialization: Social Work*

James David Rundle, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Thomas Allen Ruppner, Cincinnati  
B.A. (Bowling Green State University)

*Field of Specialization: Social Work*

Cathy E. Sales, Alliance

B.A. (Ohio Wesleyan University)

*Field of Specialization: Social Work*

Janet Elias Sanders, Columbus

B.S. (New York University)

*Field of Specialization: Social Work*

Carol Ritenour Schroeder,

Miamisburg

B.A. (Youngstown State University)

*Field of Specialization: Social Work*

George William Sheppard, Ashland

B.A., M.S. (University of Nebraska)

*Field of Specialization: Social Work*

Alice Davis Skirtz, Cincinnati

B.A. (Baldwin-Wallace College)

*Field of Specialization: Social Work*

Rosemary P. Slana, Oak Park, Ill.

B.A. (College of Saint Catherine)

*Field of Specialization: Social Work*

Michael Lane Smith, Mansfield

A.B. (Ohio University)

*Field of Specialization: Social Work*

Susan Ellen Smith, Fairfield

A.B. (Rutgers—The State University)

*Field of Specialization: Social Work*

Carol Marie Edminster Spencer,

Dayton

B.A. (Elmira College)

*Field of Specialization: Social Work*

Beverly Ann Stadum, Columbus

B.A. (Augsburg College)

*Field of Specialization: Social Work*

Thomas R. Standish, Baden, Pa.

B.S.Agr. (West Virginia University)

*Field of Specialization: Social Work*

Solomon Taylor, Jr., Cincinnati

B.A. (University of Cincinnati)

*Field of Specialization: Social Work*

Janet Jean Thomas, Urbana

B.S.

*Field of Specialization: Social Work*

Leonard Stephen Thomas, Cincinnati

B.S.Soc.Wel.

*Field of Specialization: Social Work*

Jan Dalene Thompson, Columbus

B.S.Soc.Wel.

*Field of Specialization: Social Work*

David Thomas Timm, Dayton

B.A.

*Field of Specialization: Social Work*

Kathleen Ann Titus, Fairborn

B.S.Ed. (Wright State University)

*Field of Specialization: Social Work*

Nancy Joan Van Antwerp, Avon Lake

B.A. (Miami University)

*Field of Specialization: Social Work*

Constance Ruth Voldrich, Columbus

B.S.Soc.Wel.

*Field of Specialization: Social Work*

Shirley Ann Walker, Austin, Tex.

B.A. (University of Texas)

*Field of Specialization: Social Work*

Louise Strauss Warner, Cincinnati

B.S. (Xavier University)

*Field of Specialization: Social Work*

Brenda Loretta Watkins,

Roanoke, Va.

B.A. (Hampton Institute)

*Field of Specialization: Social Work*

Joan Taylor Welker, Columbus

B.S.Soc.Wel.

*Field of Specialization: Social Work*

Barbara Victoria Welsh, Cincinnati

A.B. (College of Mount Saint Joseph on the Ohio)

*Field of Specialization: Social Work*

Margret Elizabeth Short West,

Fairborn

B.A. (Our Lady of the Lake College)

*Field of Specialization: Social Work*

Joseph Eugene Williams,

Allentown, Pa.

B.A. (Moravian College)

*Field of Specialization: Social Work*

Penny Diane Winkle, Northfield

B.S.Soc.Wel.

*Field of Specialization: Social Work*

Claudia Kathleen Zeitsoff,

Stockton, Calif.

B.A. (University of San Francisco)

*Field of Specialization: Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

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

### College of The Arts

Dean: Lee Rigsby

### 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: Franklin P. Kilpatrick

### College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Twenty-three candidates

Charles Joseph Ambrose, Bedford  
Joseph Arthur Christian Crislip,  
Painesville

Janice Gwendolyn Davis,  
Wichita, Kan.

<sup>1</sup> Carol Marie Demos, Louisville, Ky.

Jeffrey Layne Duteil, Wheelersburg

Dorothy May Garwood, Columbus

Jamie Glunt Hutchinson, Columbus

William Howard Kirchoff,  
New Albany

Wendy Robin Konneker, Columbus

Linda Mae Kramer,  
Cambria Heights, N. Y.

Conya Sue Lawson, Dayton

Jessica Elizabeth Locke, Monclova

Betsy Srere Lowenstein,  
Franklin, Mich.

Suzanne Marshall Nevius, Columbus

Raymond Paul Richards,  
Laconia, N. H.

Leslie Buthany Smith, Worthington

Sara Ruth Swope, Columbus

William Joseph Usher, Bucyrus

Leo George Walter, Centerville

Madelyn Michelle Weber, Mansfield

Joseph Winters Weidner, Uniontown

Kathie Joyce Wolk, Dayton

Jeffrey Jerome York, Dayton

### Bachelor of Fine Arts

Fifty-two candidates

Walter John Adamkosky, Columbus

Mary Elizabeth Altgelt, Akron

Susan Louise Armes, Bellbrook

Brandt Alan Arthur, Springfield

Kathy Hofer Bachman, Columbus

Georgia Connor Burns, Columbus

Ann Louise Byal, Toledo

Lois Sandra Claster,  
New Rochelle, N. Y.

Ann Adele Clayton, Carroll

Cheryl Lynn Coffman, Tiffin

<sup>2</sup> Carol Marie Demos, Louisville, Ky.

Tore Djupedal, Canton

Susan Margaret Galbreath, Columbus

Barbara Jean Grundstein, Columbus

Pamela Thomas Hamilton, Columbus

David Alfred Hartmann, Columbus

Toby Lee Hendrickson, Dayton

<sup>3</sup> James Trent Hershman, Wadsworth

Maryanne Elizabeth Hoffman,  
Youngstown

Valerie Cookson Hopperton, Columbus

Ann Jacoby, Brooklyn, N. Y.

Marianne Margaret Knue, Cincinnati

Marcia Sweet Kohn, Columbus

Janet Dunlap Leon, East Liverpool

Kristine Louise Lindahl,  
Rochester, N. Y.

Mary Christine Ludwig, Painesville

David Wesley Melton, Columbus

Laurel Lynn Mylan, Macedonia

Malinda Lee Nelson, Columbus

Sandra Lee Olson, Forestville, Conn.

Judson Paul Pealer, Columbus

James Angelo Pernotto, Youngstown

Barbara Eileen Perry, Urbana

Virginia Anne Purcell, Cincinnati

Jennie Lin Robbins, Lakewood

Lindsey Lee Satterfield, Port Clinton

Philip Joseph Schlingerman,  
Columbus

John Carl Schmidt, Mansfield

Bonnie Catherine Schoenborn,  
Columbus

Deborah Anne Seigel, Kettering

Donna Maye Shall, Toledo

Deborah Lyn Snow, Wooster

Joanne Valaska Spratt, Columbus

Martha Roberts Steffy, Columbus

Jeanette Louise Sunderman,  
Westerville

Cheryl Lynn Taunt, Plymouth, Mich.

Thomas Edmund Wachunas, Alliance

Mary Frances Waltz, Columbus

Michael Albert Wasemann, Mansfield

Jean Ellen Williams, Delta

Robert Lee Wilson, Dayton

Marta D. Zeigler, Battle Creek, Mich.

### Bachelor of Music

Thirteen candidates

Margaret Jane Ahrens, Lakeside

Ann Campbell, Mansfield

Sandra Jill Emig, Valley Stream, N.Y.

<sup>4</sup> Norman Edward Isaac,  
Charleston, W. Va.

Miriam Celia King, Mansfield

Albert Laszlo, Worthington

Daniel Edward Mason, Blacklick

Janet Thompson Mooney, Columbus

Loukas John Photos, Marion

Randy Blackwood Shira, Columbus

Anne Merrill Stewart, Columbus

Karen Nimereala VanGilse, Alliance

Teresa Maria Vicario, 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 54

### Bachelor of Science in

### Industrial Design

Twenty-four candidates

Douglas Evan Bachman, Columbus

Lawrence Edward Barbera, Columbus

Warren Scott Bennett, Lafayette

Craig Kay Benzenberg, Circleville

Martin Lee Biel, Dayton

Ronald Chester Bohus, Mansfield

Christina Marie Bozzuto, Cincinnati

Robert John Costman, Columbus

Larry Jay Dostal, Brecksville

Philip Eugene Glover, Columbus

Warren James Harper, Jr., Columbus

William Roger Harrington, Columbus

Samuel Edwin Hibbs, Columbus

James Richard Kokai, Jr., Columbus

Jeffrey Randolph Lahna, Rocky River

<sup>1</sup> Also Bachelor of Fine Arts, Colleges of the Arts and Sciences.

<sup>2</sup> Also Bachelor of Arts, Colleges of the Arts and Sciences.

<sup>3</sup> Also Bachelor of Art Education, College of Education.

<sup>4</sup> Also Bachelor of Music Education, College of Education.

Janet Christie Muhleman, Bellbrook  
Willard Edwin Mumford, Jr.,  
Columbus  
Frank Albert Ohlemacher, Columbus  
Steven Mark Rosenbaum, Columbus  
Roman Anthony Sapecki, Lorain  
Richard Thomas Skopin, Columbus  
Homer Alfred Smith, Springfield  
Gregory Craig Watling, Cleveland  
John Stephen Wearstler, Columbus

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Forty-four candidates

William Arnold Apel, Waverly  
Robert Arthur Atwell, Columbus  
Ralph Edward Barker, Jr.,  
North East, Pa.  
John Robert Boyle, Columbus  
Michael Dale Brogan, Canton  
Bruce Arnold Byron, Columbus  
Jeffrey Hale Caufield, East Cleveland  
Jacqueline Kay Cesario, Dillonvale  
Gordon Douglas Cremer, Columbus  
Cass Miller Cullis, II, Bryan  
James Edward Davis, Eaton  
James Bruce DeStephens, Columbus  
Gregory Alan Elkins, Dayton  
John Frederick Flory, Columbus  
Allen Louis Gaspar, Whitehouse  
Ted William Grace, Scio  
Lynn Francis Haines, Tiffin  
Randy Lee Hanzlick, Salem  
Linda Rose Hoersten, Lima  
Pamela Ann Hurst, Portsmouth  
Jeffrey Steven Kahn, Matawan, N. J.  
Steven Douglas Kilian, Waynesville  
Ronald Charles Klein, Brooklyn  
David Earl Lahmers, Columbus  
Howard Andrew Laife, Columbus  
Douglas Robert Livingston, Akron  
Mark Andre Medvedeff, Akron  
Peter George Michalos, Canton  
Dennis Joseph Miller, Van Wert  
John Anthony Montevideo, Niles  
Donald Arthur Moore, Eaton  
William Evan Myers, Jr., Akron  
John Mark Phillips, Columbus  
Beverly Ann Rieser, Grove City  
Alan Stuart Rosenthal,  
Livingston, N. J.  
Steven McKinley Scurlock,  
Portsmouth

Randi Kyle Shlivinske, Mentor  
Roland Mark Stover, East Liverpool  
Stephen William Thacker, Centerville  
William Edwin Thompson, Columbus  
Winkler Gabriel Weinberg, Columbus  
Stephen Joseph Weiss, Columbus  
David Ives Yeager, Garfield Heights  
Philip Michael Zack, Zanesville

### Bachelor of Science

One hundred and ninety-five candidates

Aazy Arthur Aaby, Canton  
Gerald Eugene Ackerman, Louisville  
Rebecca Joanne Adams, Fairborn  
Robert Clark Adams, Columbus  
Jerry Wayne Addison, Baltimore  
Sheila Elaine Aldrich, Ashley  
Howard Gary Altschuler, Worthington  
Thomas Lawrence Anderson,  
Reynoldsburg  
Paul Allen Andres, Dayton  
Joseph John Arcuragi, Jr.,  
East Liverpool  
Frederick Jay Arnold, Euclid  
Gaillon Seckel Baker, Columbus  
Bruce Charles Baloy, Columbus  
Bruce James Barber, North Olmsted  
William Henry Bennett, Portsmouth  
Jerry Berkowitz, South Euclid  
Lois Ann Bethel,  
South Charleston, W. Va.  
William Lee Birch, Jr., Columbus  
John Milton Blankenhorn, Cincinnati  
Daniel Eugene Blickenstaff, Columbus  
Alexander Louis Bournias, Warren  
Donald Lindsey Boyd, Columbus  
David Ray Brandau, North Canton  
Mary Lou Feidner Brown, Columbus  
John Thomas Broyles, Columbus  
Barbara Sue Burson, Memphis, Tenn.  
Donald Hein Cameron, Toledo  
Mare Lee Carroll, Columbus  
Tak Ming Cheung, Columbus  
Leonard John Chmielewski, Columbus  
Wayne Richard Clayman, Columbus  
Richard Glen Cline, Grove City  
William Thomas Coleman, Dayton  
Susan Jane Cooperrider, Columbus  
Richard Stephen Crim, Gallion  
Robert Owen Cuckler, Jr., Chillicothe  
Paul Alan Cunningham, Columbus  
Edward William Dacey, Jr.,  
Cincinnati  
George Nicholas Darah, Toledo  
Bruce Nelson Davis, Frankfort  
Laraine Marie Davis, Jackson  
Terence Martin Dolak, Columbus  
James Richard Donaldson, Columbus  
Jonnie Quantz Donaldson, Columbus  
James Gordon Douglas,  
Cuyahoga Falls  
Scott Edward Duffy, Chillicothe  
Robert Allen Durbin, Columbus  
Patricia Williams Eby, Columbus  
Barry Stuart Eisenkraft, Columbus  
David Alan Evans, Johnstown, Pa.  
Jeffrey Blair Fine, South Euclid  
David Allan Fink, Columbus  
B.A.  
Lorin Mark Fink, Beachwood  
Kathleen Kay Finn, Shelby  
David Jonathan Fitz, Worthington  
David Wendell Foltz, Kettering  
Bryan Lee Foreman, Vincent  
John Arthur Fouke, Columbus  
Donald Lorry Freidenberg, Columbus  
Stewart Jay Friedmann, Cincinnati  
Gary Wayne Gammage, Columbus  
Bruce Allen Gasparollo, Worthington  
Elizabeth Veronica Gesner, Columbus  
Alan Paul Goldberg, Rahway, N. J.  
Michael Alan Gray, Shelby  
Mare Robin Greenbaum,  
Shaker Heights  
Christopher Thomas Haas,  
Chesterland  
William Francis Hackett, Hubbard  
James Francis Haninger, Gahanna  
Clifford Keary Harmon, Chagrin Falls  
Stephen Paul Hartz, Columbus  
Jon Leonard Hautzenroeder,  
Columbus  
Robert Lewis Heacock, Columbus  
Allen Powell Heald, Jr., Columbus  
Charles Kenneth Henderson,  
Columbus  
Celeste Marie Henkel,  
Allison Park, Pa.  
Steven Wayne Hewett, Tiffin  
Robert Patrick Hiller, Columbus  
Mark Edward Hines, Columbus  
Timothy J. Hissong, Englewood  
Barron Wesley Hixon, Columbus  
James Patrick Holmes, Niles  
Michael Stephen Hormuth,  
Rockville, Md.  
Jennifer Kay Horton, Bay Village  
Thomas Roy Hutchinson, Brecksville  
Garth Lee Ireland, Columbus  
Steven Ira Jacobs, Cleveland Heights  
Brent Marco Jones, Prairie View, Tex.  
David Richard Jones, Hebron  
Donald M. Kahn, Valley Stream, N. Y.  
Frank Charles Karash, Jr., Columbus  
Michael Karram, Defiance  
John Frederick Kaumeyer, Columbus

Kenneth Robert Keener, Painesville  
 Paul Edward Kelemen,  
   West Long Branch, N. J.  
 Dennis Donald Kilkenny, Columbus  
 Dennis Peter Kreuzberg, Lima  
 Andrew Stephen Krupa, Youngstown  
 Mark Douglas Latta, Postoria  
 Kim Allen Laurell, Columbus  
 Kenneth Laureno, University Heights  
 Paul Conrad Leidheiser, Jr., Columbus  
 Pamela Ruth Levin, Columbus  
 Albert Henry Lewandowski, Cleveland  
 Paul Dennis Liftand, Columbus  
 Thomas Carl Logan, Columbus  
 William John Lutmer, Lebanon  
 James Edward Macklin, Columbus  
 John David Mahilo, Columbus  
 Charles Leon Mason, Alliance  
 Edward Yoshio Matheke, Euclid  
 Michael Kent McCloud, Columbus  
 Jay Lee McCreary, Upper Sandusky  
 Mark Allan McDonnell, Delaware  
 Patrice Joan McMahon, Willowick  
 Thomas Lloyd McMichael,  
   Spencerville  
 Gary Mitchell Meckler,  
   University Heights  
 Rebecca Ellen Brooks Metzler,  
   Columbus  
 James Lynn Michael, Columbus  
 Mark Allen Mitchell, Springfield  
 Michael Joseph Moffitt, Stow  
 Carolyn Sue Moore, Columbus  
 Donald Dominic Muccio, Columbus  
 Larry Allen Nance, Columbus  
 John Franklin Nawrocki, Columbus  
 John Franklin Neale, III, Columbus  
 Nancy Ann Nelson, Columbus  
 Richard Paul Newman,  
   Whitestone, N. Y.  
 Joseph Cleveland Opdycke,  
   Washington, N. J.  
 Richard Allen Ott, Parma  
 Joseph Lawrence Panzner, Akron  
 Debby Lou Parenti, Campbell  
 Dennis Lee Parmer, Alexandria  
 Michael Paulus, Columbus  
 Robert Dale Pearl, Columbus  
 Christopher Andrew Pensiero,  
   Sandusky  
 Heather Davis Betrrolla, Kinsman  
 Stephen Herbert Pick, Cincinnati  
 Donald Edwin Pickenpaugh,  
   St. Clairsville  
 Michael Anthony Pikos, Campbell  
 Douglas Carl Prasher, Lansing, Mich.  
 Richard Lee Prass, Dayton  
 Brian James Rairick, Copley  
 David B. Reynolds, Tipp City

Elliott Ferguson Rice, Jefferson  
 Christopher Allen Ringle, Westerville  
 Stephen Lawrence Ruedrich, Dayton  
 David Rutkoff, Youngstown  
 Bruce Everett Sands, Cleveland  
 Linda Diane Saville, Sabina  
 Patrick Joseph Scarpitti, Columbus  
 Richard Lee Scherbarth, Columbus  
 Marcia Ruth Schmid, Bay Village  
 Mark Ridinger Schmitt, Columbus  
 Mark Cole Schmittgen, Elyria  
 Harry Anthony Schutte, III  
   Westerville  
 Sheila Scott, Ridgfield, Conn.  
 Richard Hampton Scurlock, Columbus  
 Mark Louis Segal, Cleveland Heights  
 John Paul Sestito, Columbus  
 Phillip Byron Shaffer, Grove City  
 John Cashion Shamp, Zanesville  
 Jeffrey William Sheets, Columbus  
 Lauren Thayer Simpson, Columbus  
 David Anthony Skiffey, Niles  
 Andrew Charles Smith, Portsmouth  
 Constance Ruth Smith, Belpre  
 David Wayne Spillar, West Richfield  
 August Edward Spreitzer, Cleveland  
 Martha Joan Stechschulte, Ottawa  
 Robert Elmer Stuart, Columbus  
 Mark Allen Sweikhart, Dayton  
 Gerald Anthony Teresk, Ashtabula  
 Gregg Lee Testerman, Lebanon  
 Timothy James Thieroff, Columbus  
 Stephen Bernard Tonnies, Cincinnati  
 Mark Leslie Tower, Newark  
 Richard William Townsend,  
   Wilmette, Ill.  
 Lynda George Treat, Columbus  
 William Walter Troeger, Ashland  
 Robert Wagenhals, Jr., Columbus  
 Thomas Edward Ward, Columbus  
 Craig Robert Warmuth,  
   Cuyahoga Falls  
 William Alan Warner, Columbus  
 John Anthony Weisenseel, Lyndhurst  
 Steven Elliot Weiss, Jericho, N. Y.  
 Susan Marie Welch,  
   San Francisco, Calif.  
 Jimmie Eugene Wellman, Jr.,  
   Columbus  
 Robert Sheldon Wendland,  
   Maple Heights  
 Ronald Gene Whitney, Fairborn  
   B.A. (University of Virginia)  
 Michael Eugene Williams,  
   New Vienna  
 Timothy James Wolf, Westerville  
 Patricia Jean Wolkan, Alliance  
 Larry Stanford Zukerman, Columbus  
 James Weston Zulliger, Lima

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

Two hundred and six candidates

Joellen Lindamood Amrine,  
   Worthington  
 Arthur Andlinger, III, Martins Ferry  
 Sharon Bailey, Elida  
 Ronald Thomas Bakondy, Toledo  
 Laurie Ann Beamer, Sandusky  
 Carol Ann Becka, Newark  
 Leslie Rubenstein Benjamin, Cleveland  
 Nicholas James Betsacon, Columbus  
 Karen Jeanne Blackwell, Columbus  
 Richard Wayne Blevins, Columbus  
 Cheryl Lynn Borrer, Conover  
 Marilyn Ann Boyer, Independence  
 Melanie Cavendish Braithwaite,  
   Westerville  
 Harvey Joel Bratt, Beechhurst, N. Y.  
 Robert Joseph Breinich, Columbus  
 Daniel Leo Brennan, Sandusky  
 James Nicholas Brozovich,  
   Stuebenville  
 \*Eric Robert Bush, Wellsville  
 Nicholas William Calderone,  
   Columbus  
 Lisa Christine Carcon, Georgetown  
 Mark Michael Carissimi, Columbus  
 Richard Eric Carlson, Columbus  
 Michael Paul Chapin, Pierpont  
 Ascenzo Robert Ciotola, Columbus  
 June Ann Clayton, Cincinnati  
 Eleanor Rangaves Connolly,  
   Columbus  
 Kathleen Benson Cook, Columbus  
 Paul Joseph Cook, Columbus  
 Sharon Louise Cooley, Lima  
 Daniel Edward Curfiss, Cincinnati  
 Frank Carol Dickerson, Mt. Gilead  
 Judith Ellen Donnan, Perrysburg  
 Rose-Marie Drake, Columbus  
 Barbara Susan Dungan, Columbus  
 Patrick Swan Dynes, Columbus  
 George Gardner Easton, Cleveland  
 Jane Anne Firak, Brecksville  
 Roberta Lane Fisher, Columbus  
 Jerry Vance Flowers, Columbus  
 Kathleen Marion Fogarty, Columbus  
 Michelle Foltz, Westerville  
 Alexandra R. Foureman, Columbus  
 Brian Lee Friedman, Columbus  
 Janet Youtz Fulmer, Urbana  
 Kendra Michelle Gaillium, Columbus  
 Beatrice Gelb, University Heights

\* Also Master of Arts, Graduate School

John Joseph Gideon, Worthington  
 Wesley Lee Glasgow, Mansfield  
 Mary Ellen Glass,  
   Highland Park, N. J.  
 Larry Alan Goodman,  
   University Heights  
 Myreda Ruth Gorgas, Ashland  
 Thomas Wayne Goslee,  
   North Royalton  
 Margery McClees Gram, Perrysburg  
 \*Stephen Paul Grassbaugh, Mansfield  
 Mitchell David Gravo, Louisville  
 Gail Lynn Gregory,  
   Yorktown Heights, N. Y.  
 Mary Raynor Grieshop, Columbus  
 Mary Shaffer Grimes, Columbus  
 Michael Howard Gruhin, Pepper Pike  
 Martha Kathy Gutsell, Cincinnati  
 Dorothy Halsey, Columbus  
 Richard Eugene Hartley, Dayton  
 Lynn Marie Hecklinger, Columbus  
 John Houston Heintz, Gambier  
 Thomas Anthony Held, Columbus  
 Steven Boyd Helton, Englewood  
 Richard Allan Heysek, Chesterland  
 Louise Diane Hock, Cincinnati  
 Charlene Susan Hollback, Canton  
 Nancy Jean Hoover, Fredericktown  
 Janet Pautsch Hopkins, London  
 Gregory Alan Howard, Columbus  
 Susan Jane Hubbard, Columbus  
 Joseph Wayne Hull, Columbus  
 Steven Howard Hunter, Hamilton  
 Ann Jackowski, Toledo  
 Alice Ann Jardine, Dayton  
 Carol Christine Johnson, Columbus  
 Scott Weyburn Johnson, Columbus  
 Charlene Diane Jones, Columbus  
 Ruzica Kapetanovic, Powell  
 Virginia Susan Myers Kelley,  
   Columbus  
 Richard Martin Kent,  
   West Hollywood, Calif.  
 Ted Alan Kinney, Marietta  
 Sharon Leigh Kite, St. Clairsville  
 Roger Lynn Kleinman, South Euclid  
 \*Ingeborg Marianne Kossmann,  
   Columbus  
 Joseph M. Krak, Jr., Westerville  
 Scott Michael Krantz, Chicago, Ill.  
 Michael Richard Krotz, Mansfield  
 Ronald Lee Kursman,  
   University Heights  
 Martha Jane Lambert, Columbus  
 Jeffrey Richard LaVoy, Maumee  
 †Larry Lee Leasure, Columbus  
 Roger Neal LeMaster, Columbus  
 Tamar Yetta Lewin, Columbus

†Norreen Kay Leyden, Toledo  
 Timothy Charles Lloyd, Columbus  
 Thomas Clark Loening, Columbus  
 Thomas Logan, Lorain  
 Linda Boehler Long, Columbus  
 Richard Lee Louth, Van Wert  
 Daniel Luskevich, Cambridge  
 James Perry Luton, Columbus  
 Richard Michael Malone, Columbus  
 Manouso Emmanuel Manos,  
   Cuyahoga Falls  
 Jedd Mercer Maple, Columbus  
 Richard Melvin Maxey, Columbus  
 John Bruce McCallum, Worthington  
 Patricia Ann McGinn, Vienna, Va.  
 Robert Dalby McKinney, Columbus  
 William Emil Meyer, Columbus  
 Raymond Richard Michalski, Lorain  
 Stephanie Evelyn Milkovich,  
   Wintersville  
 Sharon Ann Mitchell,  
   West Highland, Calif.  
   B.S.Ed.  
 Eric William Moll, Kettering  
 Sven Lennart Moller, Columbus  
 Timothy Robert Montler, Mentor Lake  
 Debra Kay Moore, Galloway  
 Michael Edwin Mueller, Euclid  
 Thomas Lynn Mumaw, Dalton  
 Bernard Allison Naylor, Columbus  
 Michelle Trumbull Neff, Columbus  
 Randall Craig Neidenthal, Columbus  
 Susan Elizabeth Newman, Columbus  
 George Richard Nickerson, Columbus  
 †John Walter Niehaus, Delphos  
 Eugenia Ida Nisenholz, Dayton  
 Linda Louise Nolt, Worthington  
 Gregory Aloysious Norton, Fremont  
 Ann Carey Ortman, Pittsburgh, Pa.  
 Linda Jean Wilson Oxley, Columbus  
 Robert Joseph Palmer, Columbus  
 Alan Bruce Pancik, Cleveland  
 Patrick Lawrence Pancoast,  
   Birmingham, Mich.  
 Hunter Davidson Parker, Jr.,  
   Columbus  
 John David Pasco, Cuyahoga Falls  
 Joseph David Patacca, Columbus  
 Barbara Elise Perry, Perrysburg  
 † Loren Michael Petry, Akron  
 Patrice Renee Powell, Waynesville  
 Susan Cary Prodell, Columbus  
 Karlin Russell Puhle, Powell  
 †Michael Paul Rarick, Columbus  
 James Anthony Rego, Rocky River  
 Diane Mary Reif, Cincinnati  
 Alan Jeffrey Reis, University Heights  
 Elliott Ian Resnick, Beachwood  
 Alice Elizabeth Reuter, Columbus

Edwin Clair Rhinehart, Columbus  
 Daniel Francis Rich, Occanside, N. Y.  
 Stephen Charles Rodeheffer, Columbus  
 Randall Warren Roehll, Columbus  
 †Carla Susan Rogers, Toledo  
 Joyce Willis Rose, Columbus  
 Nancy Evelyn Rosenbaum,  
   Greatneck, N. Y.  
 Judith Mae Rosenberg, Dayton  
 Barbara Ann Rosenblum,  
   West Hempstead, N. Y.  
 Donald Morgan Rosenfeld, Columbus  
 Kristine Agnes Roth, Canton  
 Gary Earl Sargent, North Royalton  
 William Mark Schmitz, Ashland  
 Jeffrey David Schwartz, Cleveland  
 Drina Rae Schwede, Cleveland  
 Joann Serafin, Cleveland  
 Marcus Zellick Shar, Columbus  
 David Alan Sheldon, Columbus  
 Kathleen Ann Sherman, Lima  
 Barbara Joyce Slutsky,  
   North Miami Beach, Fla.  
 †Barbara Jean Smith, North Canton  
 Linda Faye Smith, North Canton  
 Michele Justine Smolewski,  
   Pickerington  
 Lawrence Jeffrey Soifer,  
   East Meadow, N. Y.  
 Gloria Eyerly Soliday, Columbus  
 Forrest Fay Stanley, South Euclid  
 Lloyd George Stephenson, Jr.,  
   Columbus  
 Virginia Melick Stith, Columbus  
 Shellie Jean Stratton, Columbus  
 Cynthia Ann Straub, Toledo  
 Nancy Ellen Strauss, Hamilton  
 James Suglio, Middleburg Heights  
 Frank John Svaty, Cleveland  
 † David George Swank, Zoar  
 Barbara Merlo Talbott,  
   Milwaukee, Wis.  
 Bruce David Taubman,  
   Cleveland Heights  
 John Lee Thalman, Columbus  
 Thomas Paul Vergamini, Columbus  
 Steven Daniel Walker, Westlake  
 †Barbara Macklin Wasiloff, Columbus  
 Randall Allen Wasserstrom, Columbus  
 John Robert Watt, Columbus  
 †Robert Paul Welker, Columbus  
 Anne White, Newark

\* Also Bachelor of Science in Education,  
 College of Education  
 † Also Doctor of Dental Surgery, College of  
 Dentistry  
 ‡ Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry  
 † Also Master of Arts, Graduate School

John Alan Whittington, Springfield  
Deborah Ellen Wilczek,  
McMurray, Pa.  
Francoise Marie Wilson, Columbus  
\*James Charles Wilson,  
Memphis, Tenn.  
Mona Lee Wise, Elyria  
Arlie Carlos Woodrum, Bucyrus  
Stephen Ware Wright, Columbus  
Mary Theresa Young, Columbus  
Edwin Bruce Zaslow,  
South River, N. J.  
Penelope State Zimmerman, Columbus  
\*\*Karen Frances Zuga, Vienna  
Michelle J. Zurawski, Nutley, N. J.  
Paul Frederick Zuzich, Atlanta, Ga.

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Twenty-eight candidates

Ronald David Augustine, Columbus  
Michael Simon Barson,  
Cleveland Heights  
Cheryl Yvonne Bellamy, Columbus  
Anna Boner Bendig, Columbus  
Kim Cornelius Calvo, Canton  
Howard Joseph Cheshire, Wadsworth  
Ann Elizabeth Corrigan,  
Fleet Post Office, N. Y.  
Thomas Harold Fate, Cardington  
Robert Earl Gray, Columbus  
Thomas Paul Gray, Columbus  
Claudia Mae Guenther, Shelby  
Randil Albert Hinderer, Columbus  
Joel Albert Hunt, Cincinnati  
Melvin Douglas Jackfert,  
North Olmsted  
Joanne Florence Kahan,  
Valley Stream, N. Y.  
Billie Jo Lacy, Columbus  
Jacqueline Lee Lamb, Columbus  
Robert Christopher Larkin,  
Worthington  
Stuart Irwin Lauer, Bethpage, N. Y.  
Jeffery James Marczak, Oregon  
Marsha Cox Nolan, Columbus  
Charles Austin Parker, Dayton  
Karen Marie Thompson, Rumson, N. J.  
Carol Ann Tomastik, Chillicothe  
Kathryn Sue Turner, DeGraff

Peter Ramsey Watkins, Columbus  
Doyle Eugene Westbrook, Columbus  
Daniel Robert Zupancic,  
Cleveland Heights

### Bachelor of Science

Ninety-three candidates

John Thomas Archer, Bellevue  
George William Barnett, Jr. Columbus  
James Edward Barrick, Centerburg  
Dale Harry Bassett, Parma  
Robert Michael Beathard, London  
David Keith Becker, Columbus  
Paul Alan Benzing, Cincinnati  
Robert Joseph Bogdan, Parma  
Robert James Brokaw, Columbus  
Anthony Joseph Carroll,  
Falls Church, Va.  
Patricia June Carstensen, Martin  
Ernest Allen Cika, Martins Ferry  
Harvey W. Clark, Jr., Mansfield  
Alan Barry Cline, Columbus  
James Edward Curl, Columbus  
Frank Salvatore Decaria,  
Weirton., W. Va.  
Zane Frederick DuBour, Columbus  
David Irvin Duncan, Kettering  
Ronald Robert Earls, Columbus  
Donald Frederick Earnest, Stow  
Larry Joseph Elmore,  
Montgomery, Ala.  
Ann Judith Epstein, Columbus  
Michael Steaven Fitiak, Parma  
Thomas Foy, Jr., Columbus  
James Dowd Gale, Pittsburgh, Pa.  
Roger Wayne Gallagher, Powell  
Edward Frank Geneva, Akron  
John Martin Ghist, Bucyrus  
David G. Glazer, Plainview, N. Y.  
Robert John Glazier, Toledo  
Gary Charles Grimes, Columbus  
William Frederick Guenther,  
Columbus  
Kathryn Ann Hagy, Marietta  
William Herbert Harr, Hamilton  
Richard Westfield Harrison, Columbus  
Gene Harvey Heskett, Columbus  
Paul Richard Hitchcock, Heath  
Gary Robert Houk, Roanoke, Va.  
Kirby Brian Hughes, Dayton  
Paul Wesley Jones, Belle Center  
William Gary Jones, Muncie, Ind.  
David Nelson Kaufman, Glenmont  
Michael Frederic Kauntz, Columbus  
Jeffrey Peter Kettrey, Columbus  
Michael Andrew Kovash,  
North Canton

Mark Alan Kramer, Shaker Heights  
Terry Lee Kratzer, Columbus  
John David Kusner, Mayfield Heights  
James Allen Lahm, Columbus  
Dennis Richard Lann, South Euclid  
Ricky Lee Lapp, Fresno  
Thomas Alan LaRotonda, Lima  
David Jay Lehman, Wooster  
Daniel Stewart Levy, Lima  
Carol Ann Long, North Olmsted  
John Lawrence Macy, Mansfield  
Keith Edgar Mealy, Vienna  
Richard Eugene Mercer,  
Chagrin Falls  
Jeffrey Dean Meyers, Cuyahoga Falls  
Charles Thomas Mullis, Newark  
John Robert Muskopf, Beach City  
Edward Richard Niple, Columbus  
Paul Franklin Otto, Ottawa  
Wallace Troy Petrey, Wakeman  
John Victor Pluth, Columbus  
Randall Wayne Potter, Kettering  
Steven Charles Prochaska, Findlay  
Patrick Daniel Queen, Zanesville  
David Anthony Rogers, Dayton  
Donald Walter Root, Jr., Cleveland  
Nadine Rusyniak, Brooklyn  
Gary Mansfield Schaal, Columbus  
Ralph Stephen Sheridan, Columbus  
Donald Leo Smith, Mansfield  
Harry Eugene Smith, Jr., Gahanna  
Daniel Thomas Snyder, Dayton  
George Sonneborn, Jr., Dayton  
Dean Edward Stitzlein, Loudonville  
Patti Linn Strausser, Ashtabula  
Paul Edward Strup, Columbus  
Charles Joseph Sullivan, Dayton  
Wayne Holland Taliaferro, Columbus  
Walker Ray Terry, Ironton  
Richard Van de Geer, Columbus  
Garrett Neal Vaughn, Carey  
David James Vickers, Cincinnati  
Kathy Louise Walker, East Liverpool  
Thomas Eugene Wemlinger, Columbus  
Marion Douglas Wetherill, Columbus  
Norman Mark Whiteman, Boardman  
James Edward Wilson, Columbus  
Thomas James Worcester, Stow  
Suyun Yeh, Columbus

\* Also Master of Arts, Graduate School  
\*\* Also Bachelor of Science in Education,  
College of Education

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

Four hundred and seventy-eight candidates

Cynthia Kay Abel, Fostoria  
\*Doris Lugosi Abrams, Chicago, Ill.  
James Patrick Agosto, Rochester, N.Y.  
Alexander John Albert, Avon Lake  
Janenne Allen, Chillicothe  
John Michael Andrews, Columbus  
Lynn Cheryl Androne, Berea  
William George Angert, Columbus  
Gordon Allen Arnold, Newark  
Alan Stuart Axelrod, Akron  
Alfred William Baker, Zanesville  
Bruce Dennis Baldwin, Beach City  
William Frederick Ballam, Jr., Columbus  
Karen Susan Bame, Columbus  
Sandra Dunleavy Banko, Mentor  
Carol Lee Barnum, Columbus  
Carolyn Sue Bavera, Waynesburg, Pa.  
Betty Jo Beeler, Bellevue  
Charlotte Furbush Bell, Newark  
Stanley Cummins Bender, Wheelersburg  
Anna Benetatos, Columbus  
Stuart Jay Benson, Jr., Columbus  
John Lawrence Berg, Cincinnati  
Kathleen Sue Biery, Martins Ferry  
Dan Jay Binau, Upper Sandusky  
Scott Thurman Binder, Columbus  
James Andrew Black, Richfield  
Cheryl Sue Blank, Pittsburgh, Pa.  
Ellen M. Bluestone, Cedarhurst, N.Y.  
Barbara Ann Bobash, Rossford  
Harold Dale Bogart, South Euclid  
Bruce Allen Boise, Troy  
Bernard Eugene Boraten, Lima  
Betty Jane Bossick, Wintersville  
Clarence Walter Bower, II, Columbus  
Alan Dexter Bowman, Cincinnati  
Cathie Sue Brandon, Findlay  
Doris Gwen Breeding, Akron  
James Owen Brennan, Jr., Columbus  
Therese Ann Brett, Ravenna  
John David Brooks, Columbus  
Bruce Frederick Browder, Columbus  
Thomas Lee Brower, Cambridge  
Larry Dean Brown, Arcanum  
Marilyn Parrot Brown, Apple Creek  
Robert Allen Brumbaugh, Brecksville  
Daniel Allen Buchler, Beachwood  
Scott Alan Burlingame, Medina  
Eric Karl Busch, Tiffin

Douglas Owen Bushong, Columbus  
John Lucas Butya, McKees Rocks, Pa.  
James Robert Byrum, Grove City  
Bruce Curtis Cable, Columbus  
Gary Payton Cain, Columbus  
Susan Elizabeth Campbell, Hinckley  
Scott Brodwin Cannold, Rye, N. Y.  
Thomas Ralph Carlisi, Westerville  
Clarence Edward Cassell, Columbus  
William Thomas Cassella, Cleveland  
Leon Dwight Cekanski, Hinckley  
Danny Lamarr Cesco, Branch Hill  
James Alan Chiero, Grove City  
Roseann Christine Chisek, Kettering  
Jaroslaw Andrew Chlysta, Canton  
William Michael Christensen, Rocky River  
Michael Vincent Ciccarello, Seven Hills  
Joseph Anthony Circelli, Solon  
Richard Stuart Citrin, Flushing, N.Y.  
Michael James Clancy, Amherst B.S.Bus.Adm.  
Michael Ray Clayton, Columbus  
Michael Patrick Cleary, Columbus  
Douglas Earl Cluxton, Miamisburg  
Kim Jacob Coffman, Dayton  
Donald Barry Cohen, Forest Hills, N. Y.  
Kenneth Ian Cohen, University Heights  
Ann Elizabeth Collins, Columbus  
Thomas Gary Connett, Dayton  
†Carolyn Ann Conroy, Worthington  
Donald Paul Corley, Sandusky  
Glenn Cotton, Cleveland  
Alan Barry Cramer, West Mansfield  
Walter Martin Cummins, Columbus  
Andrew Jay Cusher, Cincinnati  
Jay Douglas Cutrell, Newark  
Richard Harold Cutter, Cincinnati  
Alan Joseph Czarnecki, Bedford  
John Edward Dabbert, II, Long Grove, Ill.  
Thomas William Daily, Warren  
Waldodymyr Orest Roman Danylewycz, Parma  
‡Theresa Lynn Dare, Parma Heights  
Thomas Anthony Dattilo, Akron  
Elaine Beryl Davidson, Dayton  
Barbara Ann Davis, St. Henry  
Larry Jay Davis, Skokie, Ill.  
Nancy Lynne Davis, Cincinnati  
Theodore Earl Deal, Dayton  
Thomas Alfred Deubler, Newtown, Pa.  
Ronald Edward Dewan, Cincinnati  
Chester Daniel Dilday, Lancaster  
James Ralph Dilley, Columbus

John Clifford Dodd, Solon  
Allen Steere Dodge, Wilmette, Ill.  
Patrick Christopher Donahue, Sandusky  
Michael Lee Drakulich, Columbus  
Jake Jerome Duhart, Cincinnati  
Anna Jean Duva, Youngstown  
Donald Eugene Duval, Vermilion  
Neal Scott Edgar, Bedford Heights  
Doris Margret Emich, Huron  
Constance Joan Esler, Mansfield  
Karen Sue Fanelly, Toledo  
Brenda Weir Feder, Columbus  
Nadine Ann Feder, Philadelphia, Pa.  
Bryan Harold Felmet, Columbus  
Jay Sheldon Ferrier, Bay Village  
John Boyer Findling, Jr., Columbus  
Donna Marie Firm, Steubenville  
Kenneth Joel Fisher, University Heights  
Patrice Colleen Flanagan, Toledo  
Lawrence Michael Flaster, Roslyn, N. Y.  
Michael Thomas Fleming, Sandusky  
Timothy Jay Foran, Newark  
Robert Dennis Foreman, Worthington  
Cynthia Ann Forsthoof, Centerville  
Gary Randall Francis, Cincinnati  
Alan Paul Friedman, Cincinnati  
Linda Wolfe Friemoth, Columbus  
Kenneth Bruce Frires, Beachwood  
Jane Clare Frye, Crestline  
Margaret Ann Gainer, Heath  
Janet Mae Galchick, Salem  
William Joseph Gale, Columbus  
Dennis Richard Galle, A.P.O., N. Y.  
Nancy Ann Gardner, Shaker Heights  
Lawrence Robert Garner, Columbus  
David Michael Gehr, Toledo  
Karen Hensel Gehr, Columbus  
James Lee Gehrlich, Wapakoneta  
Robert Lawrence Gelband, New York, N. Y.  
Bruce Edward Gellerman, Merrick, N. Y.  
Marc H. Gerstein, Arverne, N. Y.  
Samuel Firman Gingrich, Columbus  
Shelley Glickman, Brooklyn, N. Y.  
James Theodore Glover, Lorain  
Richard Emanuel Goerlitz, Dayton  
Barbara Lee Goldman, Valley Stream, N.Y.  
Lucy Ludmilla Golowin, Troy  
Serge Alexander Golowin, Troy  
Hilary Louis Goodman, Edison, N. J.

\* Also Bachelor of Science in Education, College of Education  
† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Hank P. Gorchoff, Columbus  
 Joellen Gossage, Columbus  
 James Malcom Gossett, Lynchburg  
 Leslie Frances Grand, Shaker Heights  
 Sue Ellen Greenwald, Gary, Ind.  
 Jeffery Alan Greiner, Cleveland  
 Rosenwald Griffin, Warren  
 Michele Kay Grimes, Defiance  
 Barry Lynn Groseclose, Fredericktown  
 Marla Jo Guerra, Niles  
 Kurt Leonard Hagesfeld, Lakewood  
 James Keith Haley, Columbus  
 John Edward Hall, Chesapeake  
 Michael Regan Hall, Columbus  
 Theodore Wesley Hammond, Columbus  
 Marjorie Anne Hange, Columbus  
 Marta Jean Hansson,  
 Painted Post, N. Y.  
 Wayne Boyce Harbarger, III,  
 Columbus  
 Chyrl Kathryn Harbert, Elyria  
 Alan Jeffrey Harlan, Ravenna  
 Delbert Michael Hart, Elyria  
 Roy Elliot Hart, Columbus  
 Barbara Joan Hatem, Columbus  
 Diana Kathleen Hazlett, Akron  
 Jeffrey Alan Hecht, Columbus  
 Constance Helman, Columbus  
 Linda Himes Herschler, Columbus  
 Christina Ruth Hershberger,  
 Westerville  
 Martin Bruce Himmel,  
 Cleveland Heights  
 James Ellsworth Hoffman, III,  
 Brookfield  
 Cecilia Louise Holland, Columbus  
 Stephen Kenneth Holmes, Portsmouth  
 Daniel Jon Hoops, Deshler  
 Bethany Haslett Hvizdos, Columbus  
 Steven Phillip Hymen, Columbus  
 Peter Illes, Miami Beach, Fla.  
 Steven Russell Imbody, Delaware  
 James Malcolm Ingle, Enon  
 Stephen Keith Jarvis, Columbus  
 Michael Lawrence Jaschik,  
 Lancaster, Pa.  
 Jennifer Shelly Joffe, Knoxville, Tenn.  
 Roland Eric Johanssen, Sylvania  
 †Deborah Lynn Johnson, Columbus  
 Linda Jones, Elba, Ala.  
 Gary Richard Junkins, Columbus  
 Dennis Stephen Kagy, Tiro  
 Dawn Cathy Kane, Forest Hills, N. Y.  
 Howard Jay Katz, Columbus  
 Ronnie Katz, Somerville, N. J.  
 Kathleen Elizabeth Keane,  
 Fairview Park  
 Henry Gregg Kearns, Columbus  
 Charles Edward Kelley, Ironton  
 Eugene Harrison Kelly, III, Columbus  
 Shelley Gail Kern,  
 New Rochelle, N. Y.  
 Howard Scott Kerns, Millersport  
 Paul J. Kessen, Bryan  
 Curtis Wayne Keyes,  
 Old Brookville, N. Y.  
 Jon Gregory Kielemeyer, Columbus  
 Renee Bassak Kilgore, Seven Hills  
 Mark Eugene Kinder, Middletown  
 Edward Stephen King, Columbus  
 John Robert Kinnamon, Bay Village  
 Lyn Angene Kise, Delaware  
 Marianne Kleine, Chagrin Falls  
 †Mary Catherine Kleven, Columbus  
 Kimberly R. Kocher, Baltimore  
 Stephen Douglas Koder, Columbus  
 Donald Edward Kolas, Columbus  
 Gary Michael Kost, Columbus  
 Stephen Russell Krancevic, Columbus  
 Robert Lynn Krasney, Beachwood  
 William George Krause, Columbus  
 Roland Deeds Kreager, Columbus  
 Joseph Lewis Kreps, Plainview, N. Y.  
 Karen Lee Kropp, Grove City  
 Gregory Alan Krysztofik, Columbus  
 Michael Kulesza, Moorestown, N. J.  
 Jerry Martin Kuntzman, Sunbury  
 Donn Alan Kurjan, Youngstown  
 Michael Jay Kurman, Freehold, N. J.  
 Emil Carl Kwaczala, Cleveland  
 Robert Alan Lackey, Youngstown  
 Marilyn Kay Lahmers,  
 Cuyahoga Falls  
 Barry Alan Lampl, Norristown, Pa.  
 Stephen Earl Landes, Grove City  
 Suzanne Marie Langlois, Newark  
 Dennis David LaRocco, Parma  
 Ronald Daniel Lefton, Jamaica, N. Y.  
 Robert Stephen Leopold,  
 Cherry Hill, N. J.  
 James Noble Lett, Orient  
 David Norman Lewis, Canton  
 Bruce Morton Ley, Cincinnati  
 Patrick Francis Light,  
 Middleburg Heights  
 Derrick Elijah Lightfoot, Massillon  
 Charles David Lindsey, Lancaster  
 Robert Salvatore LiPuma,  
 University Heights  
 John Frederick Little, Columbus  
 Timothy Scott Logan, Perrysburg  
 Benjamin Winget Lowell, Findlay  
 Mark Alan Lowery, Chillicothe  
 Bruce Ian Ludwig, Columbus  
 Helena Vissman Lupidi, Columbus  
 Philip Raymond Lyle, Columbus  
 Mark William Maidlow, Columbus  
 †Ronald Emery Mako, Willoughby  
 Kitty Lynn Malcolm, Louisville  
 Sally Anne Malobabic, Lorain  
 Frank Gerald Manchester, Niles  
 Linda Faye Mandel, Oceanside, N. Y.  
 Marsha Walker Manley, Columbus  
 James John Manos, Fairview Park  
 Daniel Lee Manning, Columbus  
 Thomas Hugh Marshall, Salem  
 Nancy Elizabeth Mason,  
 Cuyahoga Falls  
 Philip Jay Mason, Bayswater, N. Y.  
 Richard Alan Matheny,  
 Birmingham, Mich.  
 Edward Michael Matlin,  
 Freehold, N. J.  
 James Donald Mayer, Columbus  
 Richard Jay McClung, Jr., Columbus  
 Jerry Lee McHenry, Wheelersburg  
 Scott Powell McHenry, Cincinnati  
 Colleen McMahon, Columbus  
 Phillip Otis McMahan, Scottown  
 Palmer Craig McNeal, Columbus  
 Lee Kenneth Meckstroth, Columbus  
 Bruce Alan Melamed, Columbus  
 Harold Konrad Meng, Mansfield  
 Paul Thomas Menz, Warren  
 Scott Michaels Jr., Columbus  
 Claudia Mika, Hamilton  
 Cornelia Ann Miller, Columbus  
 David Michael Miller, Findlay  
 Deborah Jean Miller, Columbus  
 Jan Bosken Miller, Columbus  
 Kathleen Ortman Miller, Cleveland  
 Steven Robert Miller,  
 East Meadow, N. Y.  
 Jeffrey Phillip Mirkin, Youngstown  
 James Walter Moennich,  
 Parma Heights  
 Charles Arthur Mollenkopf,  
 East Palestine  
 Scott Craig Mooney, Columbus  
 Terry Fleming Moore, Columbus  
 Robyn Lynn Moran, Shaker Heights  
 Jay William Moreland, Coraopolis, Pa.  
 Catherine Elizabeth Morrison,  
 Eastlake  
 †Mollie Morrison, Zanesville  
 Richard Paul Morrison, Beachwood  
 Ritchie Neil Mudd, Bardstown, Ky.  
 Michael Steven Mull, Canton  
 Thomas Joseph Murphy, Columbus  
 John Daniel Myer, II, Columbus  
 Hershel Eugene Nardini, Vandalia

† Also Certificate of Graduate Dental Hygienist, College of Dentistry  
 • Also Doctor of Medicine, College of Medicine

\*Nancy Patricia Nickell, Kettering  
 Holly Lyn Obermiller, Milan  
 Mariann Obert, Columbus  
 Daniel Michael O'Brien, Devon, Pa.  
 Michael Dennis O'Keefe, Columbus  
 Mary Ann O'Keefe, Xenia  
 Jewel Jane Olkin, Columbus  
 Joseph William O'Neil, Columbus  
 Barbara Jean Orwick, Dalton  
 Ralph Frederick Pariser, Columbus  
 Michael Leonard Patrick, Toronto  
 William McClinton Patterson,  
 Greenville, S. C.  
 Donald Neil Pennell, Reynoldsburg  
 Gregory Stephen Peppers, Columbus  
 John Edward Perry, Jr.,  
 Pittsburgh, Pa.  
 Holly Anne Pessin, Lexington, Ky.  
 Jeffrey Charles Peterson, Columbus  
 Michele Ann Petro, Brooklyn  
 Carter Glasgow Phillips, Canton  
 Barbara Jane Pierce, Columbus  
 Anthony Paul Pitstick, Xenia  
 John Nicholas Polansky, Amherst  
 Mark Edward Portman,  
 Cleveland Heights  
 Marc Harold Posner, Brooklyn, N. Y.  
 Diane Kay Powell, Clyde  
 Deborah Elizabeth Preston,  
 Westfield, N. J.  
 Bruce Douglas Probst, Haviland  
 Rosemary Ann Pruski, Columbus  
 Deborah Denine Pryce, Warren  
 Lillian James Puhlick, Columbus  
 James Ellsworth Quinn, Columbus  
 Wayne Allan Rader, Wilmington  
 Dawna Jane Ramage, Columbus  
 George Thomas Ranz, Columbus  
 David Jay Rash, Columbus  
 Ronald Glen Reel, Canfield  
 Mark Stephen Reitkopp,  
 Rochester, N. Y.  
 Stephen Joseph Reno,  
 Valley Stream, N. Y.  
 Deborah Jeanne Rich, Lyndhurst  
 Jeffrey Paul Richetto, Warren  
 Ellen Condon Rinehart, Columbus  
 John Charles Ringle, Tiffin  
 John Michael Rist, Columbus  
 Mark Stephen Robbins, Glencoe, Ill.  
 Thomas Brent Roberts, McConnelsville  
 Ivan Carl Robinson, Newburgh, N. Y.  
 Daniel Edward Rohe, Cincinnati  
 Martin Joel Rome, Youngstown  
 Gerald Michael Rosen, Columbus  
 Maury Jay Rosenblum,  
 New York, N. Y.  
 Thomas Joseph Ross, Milford, Conn.

Irene Roth, Syracuse, N. Y.  
 Marsha Rothstein,  
 Huntingdon Valley, Pa.  
 Raj Krishan Pramod Kumar Rustagi  
 Worthington  
 Roger Allan Ruth, Columbus  
 Glenn Harold Rutter, Garfield Heights  
 Cecilia Ann Ryan, Columbus  
 Robert Vincent Salvato, Columbus  
 James Alan Samuels,  
 Cleveland Heights  
 Wayne Joseph Scamuffa,  
 Coatesville, Pa.  
 Dale Eugene Schafer, Columbus  
 John Michael Scharr, Columbus  
 Daniel Douglas Schneider, Columbus  
 Kent Barton Schneider, Columbus  
 Jacqueline Caryl Scholar, Joliet, Ill.  
 Karen DeLong Schott, Columbus  
 Ted Harold Schreck, Castalia  
 Joanne Esposito Schueller,  
 Cleveland Heights  
 David Geoffrey Schwartz, Cincinnati  
 Ellen Ann Schwartz, Worthington  
 Mark Richard Schwartz, Columbus  
 Charles J. Schwartzmann, Columbus  
 Kathleen Susan Seich,  
 Mayfield Heights  
 Susan Beth Shagrin, Youngstown  
 Vicki Lynette Shambaugh,  
 Cerro Gordo, Ill.  
 Patrick Thomas Sheridan, Lancaster  
 Pamela Jo Sherlock, Columbus  
 Jay Shillman, Woodmere, N. Y.  
 John Henry Shipp, Columbus  
 Marc William Shoemaker, Columbus  
 Gregory Bruce Shreaves,  
 Salisbury, Md.  
 John William Shutt, Convoy  
 Laurance Silverman, Toledo  
 Marc Frederick Silverstein,  
 Beachwood  
 Alta Marie Simmons, Franklin, N. Y.  
 Constance Louise Simmons, Galion  
 Larry Wayne Simmons, Columbus  
 Priscilla Ann Simon, Columbus  
 John Anthony Simonetti,  
 North Royalton  
 Thomas E. Simpson, Newfield, N. J.  
 Mehmet Sipahi, Columbus  
 Judith Ann Slavin, Beachwood  
 Jaelyn Ulrich Slaybaugh, Columbus  
 Richard Sherman Sloan, Erie, Pa.  
 Margaret Workman Smith, Columbus  
 Russell George Smith, Columbus  
 Thomas Kenneth Smith, Toledo  
 Roy Allen Snyder, Dayton  
 Judith Frances Solomon,  
 Oceanside, N. Y.

Jeffrey Lynn Sprang, Shiloh  
 Mark Evan Springer, Columbus  
 William Raymond Stahl, Columbus  
 Keith Edward Stanovich, Hubbard  
 Pamela Lynn Stassfurth, Cleveland  
 George Philip Steele, Columbus  
 Karl Heinz Stehmer, Columbus  
 Marc Wendell Stephens, Tiffin  
 Linda Stern, Columbus  
 John Francis Stets, Jr., Niles  
 Linda Sue Stites, Anchorage, Alaska  
 Alan Charles Stockman, Columbus  
 Laura Lynn Stoeppelwerth,  
 Alexandria, Va.  
 Daniel James Stohs, Columbus  
 David Solomon Stone, Miami, Fla.  
 James Earl Stoner, Delaware  
 Linda Kay Stotts, Mansfield  
 Gregory D. Stover, Celina  
 Allen Louis Strang, Toledo  
 Michael Leo Sullivan, Norwalk  
 David Charles Summers, Newark  
 Stewart Allen Surloff,  
 Mayfield Heights  
 Kathleen Ann Sutula, Garfield Heights  
 Robert Guy Swisher, Bryan  
 Kevin Patrick Taylor, Worthington  
 Marcella Rose Teahan, Holyoke, Mass.  
 Virginia Vranek Tenbroeck, Columbus  
 Wilson Scott Thacker, Lebanon  
 David Alan Theis, Lowell, Ind.  
 George Gunnar Thompson, Columbus  
 Michael Lee Thompson, Newark  
 Norma Jean Thompson, Columbus  
 Natalie Graper Thornton,  
 South Euclid  
 Terrance Lynn Toth, Warrensville  
 Daniel William Trausch,  
 North Royalton  
 William Henry Truax, Jr., Mentor  
 Robert Sydney Truex, Jerusalem  
 Ava Lynn Tuber, Youngstown  
 Marcia Lynn Turner, Columbus  
 Glenn Michael Varano, Meadville, Pa.  
 Diane Caskey Vaughan, Columbus  
 John Bernard Voight, Columbus  
 Katherine Sue Wacker, Mt. Vernon  
 John Joseph Wagner, Columbus  
 Jo Ann Walters, Lima  
 Marcia Mae Ward, Columbus  
 Ronald Louis Warrick, Toledo  
 John Francis Warton, Berlin Heights  
 Richard Paul Washington, Berea  
 Thomas Richard Waters, Bellevue  
 Nancy Annette Weber, Lima  
 Wendy Susan Weisberg,  
 University Heights

\* Also Bachelor of Science in Education,  
 College of Education

Alfred Leo Weiss, University Heights  
 Kim Roger Wenger, Columbus  
 John Mitchell Wheatley, Columbus  
 Diane Sue Whitbeck, Franklin, N. Y.  
 Lowe Henry Wiggers, III, Columbus  
 Collins Wight, Columbus  
 John Gary Wilcox, Mansfield  
 Beth Ann Wildman, Shelby  
 David Harrison Williams, Defiance  
 †Janet Louise Wilson, Dayton  
 John Allston Wilson, Columbus  
 George Joseph Windau, Columbus  
 Barbara Lee Wolf, Dayton  
 Jeffrey Hugh Wolf, Millburn, N. J.  
 Dennis Franklin Wolford,  
 Washington C. H.  
 Andrew Michael Wilson,  
 Huntington Station, N. Y.  
 Richard John Woods, Worthington  
 David Thomas Woodward,  
 Moorestown, N. J.  
 Penny Melinda Wyman, South Euclid  
 David Duane Wymore, Dayton  
 Howard Young, New York, N. Y.  
 Jeffrey James Yungman, Elyria  
 Steven Curtis Zacharias, Columbus  
 Anita Joy Zakem, Wyoming  
 Stephen Edward Zieba, Dayton  
 Patricia Sue Zimmerman, Cincinnati  
 James Robert Zulauf, Columbus

#### **Bachelor of Science**

Sixty-two candidates

Janis Judson Baker, Columbus  
 B.A.  
 Jolynn Barry, Dayton  
 Dennis Peter Bisceglie, Clifton, N. J.  
 James George Boss, Columbus  
 James David Bray, Columbus  
 Richard Hunt Buttermore, Columbus  
 Craig Thomas Callahan, Cortland  
 Roger Martin Calvelage, Delphos  
 Joseph Michael Capes, Columbus  
 Donald Arthur Davis, Carrollton  
 David Gregory Dowis, Mt. Gilead  
 Nancy Isabel Duff, Pittsburgh, Pa.  
 Conrad Michael Eberle, Columbus  
 Eric Jay Ehrke, Columbus  
 Elaine Margaret Falcone,  
 Piscataway, N. J.  
 Kathleen Curl Ferris, Columbus  
 Wendel Mathew Friedl, Parma  
 Edwin Reed Friedstrom, Dublin  
 Stephen Bradley Fuhrig, Akron  
 Robert Joseph Futey, Warren  
 David Joseph Gain, Columbus

Jaye Ellen Gerstner, Lima  
 Stephen Moler Haley, Columbus  
 Robert Lee Hannan, Shadyside  
 Gust Larry Hatjes, Canton  
 Peggy Lynn Hay, Columbus  
 John Michael Heisman, Curtice  
 Lee Bernard Hemminger, Sandusky  
 Cynthia Lou Huffman, Greenville  
 Kirk Whitaker Jones, Wooster  
 Myron Phillip Kalnitzky, Fairfax, Va.  
 Jaak Karolin, Worthington  
 William Blackstone King,  
 Aliquippa, Pa.  
 Joseph Michael Kishton, Columbus  
 Terrence Francis Lenick, Mansfield  
 Charles Kimmel Liphart, Poland  
 Georgianna Manly, Canton  
 Patricia Veronica Markunas,  
 Garfield Heights  
 Sharon Lynn Mates, New York, N. Y.  
 Ross Michael McCain, Lima  
 Murray Harold Merner, Columbus  
 Daniel Scott Miller, Delphos  
 James Isaac Millner, Trenton, N. J.  
 James Lee Nielsen, Columbus  
 Aurora Saskia Orizondo, Columbus  
 Pamela Jane Patterson, Nutley, N. J.  
 Thomas William Pautke,  
 Tallahassee, Fla.  
 Kathleen Rebecca Reed, Berlin Center  
 Thomas Waid Reilly, Columbus  
 Robert Paul Rower, Jr., Lancaster  
 Derek William Schultz, Lexington  
 Michael Steven Serena, Brookville  
 Darrel Gene Spinosi, Columbus  
 Barry Whitson Stairs,  
 Upper St. Clair, Pa.  
 Stuart Jay Steiger, Beachwood  
 Pamela Kay Stewart, Whitehall  
 Bruce William Stunkard, Olmsted  
 Robert Charles Tussing, Lima  
 Allen Charles Wahl, Nutley, N. J.  
 Gary Lee Weil, Columbus  
 Donald Earle White, Munroe Falls  
 Nick Ziza, III, Mingo Junction

**School of Journalism**

**Bachelor of Arts in Journalism**  
 Fifty-nine candidates

Clifton Edgar Amos, Columbus  
 Bruce MacNeill Batchelor,  
 Chagrin Falls  
 Christine Kay Bauer, Worthington  
 Kenneth Alan Brown, Cleveland  
 Irl Russell Carmean, Columbus

Gary Robert Clark, Columbus  
 Carin Joy Condon, Milford  
 Alfred Carl DiFranco, Cleveland  
 June Elizabeth Dill, Columbus  
 William Joseph Donnelly, Burton  
 Michael James Fenderbosch,  
 Gallipolis  
 David Edward Flick, Cincinnati  
 Dennis Robert Fobes, Cuyahoga Falls  
 William Alan Gantz, Elyria  
 Nancy Anne Gardiner, Toledo  
 Juanita Taylor, Cincinnati  
 Rebecca Doll Hammerschmidt,  
 Columbus  
 Donna Jean Hartman, Cincinnati  
 Patricia Ann Hemm, Piqua  
 Karl Todd Henning, Shelby  
 Joseph Neil Huelsman, Columbus  
 Kathryn Jean Huston, La Porte, Ind.  
 Linda McMahan Inskeep, Columbus  
 Leola Aletha Johnson, Columbus  
 Jeffrey D. Johnston, Columbus  
 Brigid Kennedy, Cincinnati  
 Richard Lynn Leatherman, Columbus  
 Beverly Ann Leblanc, Painesville  
 Matthew John Lennon, Greenhills  
 Camille Ann Lessing, Akron  
 Betsa Joan Marsh, Cincinnati  
 Stuart Allen Matlow, Columbus  
 Sally Jo McGovern, Sylvania  
 Patricia Susan Meagher,  
 Somers Point, N. J.  
 Denise Merkle, Reading, Pa.  
 Dena Michaelson, Dayton  
 Virginia Rose Olivieri, Mansfield  
 Margaret Ellen O'Morrow, Columbus  
 Richard Burne Ostrander, Columbus  
 Jacquelyn Renee Ostrom,  
 Lockport, N. Y.  
 Scott Lee Powers, Toledo  
 Peggy Jean Rader, Loudonville  
 Robert Meredith Raines, Columbus  
 Mark Alan Rollinson, Mentor  
 Thomas Lee Roush, Columbus  
 Ann Maria Salimbene, Columbus  
 Ilene Adele Schwartz,  
 Mayfield Heights  
 Audrey Gayle Shifres, Cincinnati  
 Leslie Carlson Simmen, Benton, Ky.  
 Lynne Marie Sopko, Columbus  
 Lawrence Harvey Spitzer,  
 Cleveland Heights  
 Beverly Gayle Stahl, Kent  
 Margaret Rose Tarter, Cleveland  
 Nancy Beth Udelson, Columbus  
 Teresa Lynn Unwin, Columbus

† Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry

## College of Administrative Science

Dean: James R. McCoy

Anthony Reynaldo Villasana,  
Columbus  
Mary Elizabeth Wachowiak,  
Depew, N. Y.  
Howard Lee Walker, Hilliard  
Joan Carolyn Woelner, Cincinnati

### Bachelor of Science in Business Administration

Three hundred seventy-four candidates

George Gregory Abick,  
Allen Park, Mich.  
Peter Knapp Adgate, Niles  
Franz Michael Ahting, Cincinnati  
Emil Robert Aleusan, Canton  
Ira Stanford Allen, Columbus  
Barry Russell Ambroza, Lima  
Charles Lee Anderson, Columbus  
Ronald Gary Appelbaum, Cleveland  
Mary Elizabeth Atkins,  
Westfield, N. J.  
Kenneth Roy Austin,  
Port of Spain, Trinidad and Tobago  
Jesse Carl Barber, Columbus  
Joseph Fred Barker, Westlake  
Jan Charles Barkley, Springfield  
Michael Joseph Bayer, St. Marys  
Daniel Charles Beam, Wilmington  
Anthony Michael Beat, Attica  
Ronald Lee Beckel, Cardington  
William Paul Bednarchik,  
Coraopolis, Pa.  
Charles Michael Beecroft, Dayton  
David Paul Belcher, II, Lorain  
Ralph Francis Berger, Columbus  
Margaret Ann Betley, Columbus  
Douglas Edward Beyer, Galion  
Robert Louis Boerger, Ottoville  
Danny Joe Bombard, Rockford, Ill.  
John Michael Brandt, Columbus  
Conrad Joseph Braun, Rocky River  
Terrance Ray Brotherton,  
North Ridgeville  
James Rickey Brown, Jr., Portsmouth  
Jeffrey Lynn Brown,  
Chambersburg, Pa.  
Thomas Gregory Brulport, Canton  
Timothy Douglas Brulport, Canton  
Robert Miles Bryan, Delphos  
Joanne Buckley, Worthington  
Clifford Ralph Bullock, Jr.,  
Fort Walton Beach, Fla.  
Thomas Alan Bumgardner, Pataskala  
Garnett Thomas Busic, Shelby  
Donald Bruce Butler, South Amherst  
Norman Ellis Byer, Marietta  
Martin Paul Cahill, Columbus  
Rodger Neil Cahn, Beachwood  
Mary Ann Callos, Youngstown  
Franklin Roy Caltrider, Dayton  
Steven Roy Canning, Cincinnati  
William L. Caplan, Warren  
Lawrence Michael Cardinal, Jr.,  
Massillon  
Keith Allen Cardwell, Columbus  
Thomas George Carey, Jr., Cleveland  
Dan LeMarr Carskadden, Zanesville  
John Anthony Caruana, Elmont, N. Y.  
Andrew Lee Case, Columbus  
John Charles Chiazza, Lancaster  
James Chmielowiec, Toledo  
Mercedes Christ,  
East Brunswick, N. J.  
Michael Jeffrey Clark,  
Grosse Pointe, Mich.  
William Gordon Cluggish, Newark  
John K. Coffindaffer, Radnor  
Ross Owen Coghlan,  
West Chester, Pa.  
Richard Wayne Coldwell, Mt. Gilead  
Stephen Ray Cones, Columbus  
Richard Allen Cooper, Maple Heights  
Craig Alan Crossley, Reading, Pa.  
William Arthur Croteau, Jr.,  
Sandusky  
John Spencer Cruz,  
Tegucigalpa, Honduras  
William Paul Cseplo, Cincinnati  
Richard Thomas Cullen,  
Honolulu, Hawaii  
Fred Paul Cunningham, Lima  
Ung Bieu Dam,  
Cholon, South Vietnam  
Gary Carlyle Dame, Columbus  
Joseph William Damman, Lyons  
Thomas Alvin Danzeisen, Dayton  
Edward Carson Davison, Jr.,  
Lexington  
Lowell Kevin Deal, Chandlersville  
Dominic Francis Del Bel, Cleveland  
Thomas Lee Dellatorre, Wintersville  
Duane William Dennis, Toledo  
David Dennis Devol, Bellefontaine  
Edward Thomas Dooner, Bedford  
Dan Gregg Dorsheimer, Lititz, Pa.  
Daniel Ray Dumas, North Canton  
Douglas Eugene Durbin, Columbus  
Michael Francis Dury, Columbus  
Gary Michael Edelson, Manheim, Pa.  
Jeffery Alan Eier, Upper Sandusky  
Mark David Eisen,  
North Miami Beach, Fla.  
Michael Joseph Elbert, Elyria  
Steve Dean Elsea, Columbus  
Larry William Emmelhainz, Galloway  
Robert David Epps, Jr., Akron  
Christine Mary Everett,  
Ridgefield, Conn.  
Robert Jeffrey Eyen, Cambridge  
Kurt Douglas Faist, Woodville  
Edward George Fakeris, Euclid  
Charles Joseph Fazio,  
Bloomfield Hills, Mich.  
Frank James Federico, Seven Hills

John Feduchak, Blakely, Pa.  
 B.S. (University of Scranton)  
 Frank Alan Findley, Lorain  
 Joseph Martin Fischlin, Cleveland  
 Kevin James Flaherty, Worthington  
 Ronald Ray Fleming,  
 Williamstown, W. Va.  
 Michael Warren Flick, Elida  
 Kevin Edward Flint, Columbus  
 Jerry Lee Fogt, Sidney  
 Gary Raymond Fox, Clarington  
 Roger Thomas Frank, Columbus  
 Gary Richard Fry, Bellaire  
 Donald Arthur Gale, Jr., Columbus  
 Kirk Donald Gamble, Maple Heights  
 Thomas Lowell Garverick, Galion  
 Richard Everett Gaskalla, Columbus  
 Charles William Gaston, Canton  
 James Thomas Gill, Medina  
 Donald Alan Girard, Reynoldsburg  
 Richard Eugene Gleadell, Jr.,  
 Washington C. H.  
 Robert Steven Goodrich, Newark  
 Ronald Wayne Gordon, Columbus  
 Michael Reed Greer, Cleveland  
 Richard Woodburn Greninger,  
 Cincinnati  
 Jack Wilson Grieves, Sidney  
 David Leo Grimes, Frazeytsburg  
 John William Grimsley,  
 Amherst, N. Y.  
 Joseph Patrick Groom, Jr., Columbus  
 Dennis James Gruber, Cincinnati  
 Michael Joseph Guerra, Englewood  
 John Walter Guzdanski, Toledo  
 Charles Micheal Gwynn, Columbus  
 Kaye Don Hamilton, Minerva  
 Marjorie Louise Hanley, Columbus  
 William Douglas Hann, Grove City  
 Douglas Alan Harned, Ashland  
 Stephen Lee Haslup, Columbus  
 Robert James Hasman, Independence  
 Charles Judd Hauenstein, Lancaster  
 Frank Leland Haynam, Minerva  
 Daniel Lee Heitmeyer, Kalida  
 Thomas John Helmers, Dayton  
 James Leonard Hemmelgarn,  
 Burkettsville  
 Jeffrey Robert Henderson, Newark  
 Alan Bruce Herzog, South Euclid  
 Dennis Joseph Hess, Columbus  
 Steven Alan Hinshaw, West Chester  
 Steven Mark Hopkins, Columbus  
 Dale Maurice Houmes, Jr.,  
 Columbus  
 Douglas Arthur Howard,  
 Chagrin Falls  
 Duane Rodney Huff, Dresden  
 Gregory Charles Hughes, Lima  
 James Richard Hughes, Reading

Jeffery Lynn Hummer, Ashtabula  
 William Robert Humrighouse,  
 Gahanna  
 Terry Lee Hunsucker, Columbus  
 Howard William Immordino,  
 Trenton, N. J.  
 Albert Edward Indermill,  
 Worthington  
 Robert Charles Johansen,  
 North Tonawanda, N. Y.  
 Douglas N. Johnson, Dayton  
 Michael Wayne Johnson, Bellaire  
 Donald Dean Jolliff, Richwood  
 Bruce Ervin Jones, Jamestown  
 Keith Lamar Jones, Springfield  
 Royal Arthur Jones, III,  
 Chatham, Mass.  
 Carol Beatrice Joseph,  
 Christiansted, Virgin Islands  
 Michael James Jubb,  
 Madison Heights, Mich.  
 Albert Frederick Jurkoshek,  
 Cuyahoga Falls  
 Jeffrey Benjamin Kaczmarek,  
 Cleveland  
 Dale Edward Kagy, Columbus  
 Alan Kainrad, Diamond  
 James Michael Kane, Bay Village  
 Kenneth Victor Kane, Ashtabula  
 Raymond Andrew Karaffa,  
 Willoughby  
 Larry Katz, Columbus  
 Larry Lindy Kaylor, Dayton  
 Robert Stuart Keidan, Oak Park, Ill.  
 Joan Price Keir, Columbus  
 Jerry Lee Kelley, Lima  
 Roger Barry Kemp, Cincinnati  
 Robert John Kenneally, Jr., Eastlake  
 Michael McGuire Kennedy, Dayton  
 Thomas Cranston Kensler, III,  
 Dayton  
 Joshua Seth Kent, Fort Lee, N. J.  
 Bruce Manning Kephart, Painesville  
 Lawrence Kersen, New Milford, N. J.  
 Mabel Iu Chung King, Hong Kong  
 Owen Henry King, Elmont, N. Y.  
 Randall Howard King, Fairborn  
 Thomas James Kirby, Huron  
 Paul Robert Kleifgen,  
 Rochester, N. Y.  
 Louis Barry Klingler, Harrison, N. Y.  
 Jeanne Antoinette Klopp,  
 University Heights  
 James Richard Knost, New Bremen  
 Charles John Koachway, Westlake  
 Steven Brian Koblentz,  
 University Heights  
 John David Kochmit, Cleveland  
 Jeffrey David Krause, Pittsburgh, Pa.  
 Kathleen Helen Kruesser, Sylvania

James Gregory Kunkel, Cincinnati  
 Dennis Anthony LaBarre, Columbus  
 Roger Alan LaBarre, Columbus  
 John Anthony LaMonica, Jr.,  
 Arlington Heights, Ill.  
 Lester Eugene Lane, Akron  
 W. Franklin Langford, Newark  
 Terrence Edward Lannan, Columbus  
 Michael Andrew Lax, Lakewood  
 James Douglas Leatherberry,  
 Columbus  
 Thomas Wayne Lennox, Brecksville  
 James Joseph Little, Woodstock, Ill.  
 Eric Paul Loveman, Medina  
 H. Rex Lower, Columbus  
 David Wai On Lum, Oxon Hill, Md.  
 Charles James Lundy, Jr.,  
 East Palestine  
 Robert Julius Lutz, Olmsted Falls  
 James Marvin Lyday, Jr., Columbus  
 Francis William Lyons, Columbus  
 Mark Douglas Mansfield, Columbus  
 Gary Lynn Margot, Mansfield  
 George David Marker, Wapakoneta  
 Thomas Edward Martin, Cleveland  
 John Otis Mason, Columbus  
 Gregory Lewis Mather,  
 North Plainfield, N. J.  
 Terry Lee Mathews, Reynoldsburg  
 Alan Virgil Mathews, Willoughby  
 John Richard Mawhinney,  
 Pittsburg, Pa.  
 James Gerard May,  
 Newport News, Va.  
 William Francis Mayer, Cincinnati  
 Charles Stafford McIntyre, Warren  
 William Crawford McKinney,  
 Marietta  
 Marcia Janet McQuaide, Columbus  
 James Arthur Messner, Lyndhurst  
 Ronald Robert Meyer, Hamler  
 David Richard Michael, Columbus  
 Robert Greg Miller, Bellefontaine  
 Robert John Miller, Euclid  
 James Richard Millikan, Columbus  
 Michael James Mitchell,  
 Liberty Center  
 Rick Lee Molt, Columbus  
 Nancy Sue Monnette, Marion  
 James Samuel Morgan, Dunkirk  
 Robert John Muesgaes,  
 East Springfield  
 William Russell Munch, Fairfax, Va.  
 Andrew Joseph Murrer,  
 Rochester, N. Y.  
 Gregg Mysliwicz, Toledo  
 Vera Rudolph Nedell, Toledo  
 Robert Henry Nenni, Ironton  
 Jonathon O. Nerenberg, Middletown

James Lee Nichols, Columbus  
 Thomas Ralph Niemi, Warren  
 Lyle Gregory Niese, Leipsic  
 Thomas Joseph Noon, Columbus  
 George Christian Nubel,  
 Cherry Hill, N. J.  
 Michael Alan Numbers, Lima  
 James Robert O'Dell,  
 West Chester, Pa.  
 Carol Ann Ondrake, Cleveland  
 William Cyril Ontrop, St. Henry  
 Paul Thomas Orr, Parma  
 John Martin Owen, Ravenna  
 Pamela Sue Parker, Columbus  
 Wayne Franklin Paro,  
 Cortland, N. Y.  
 Vincent John Passero, Columbus  
 Frank Carl Patane, Yorktown, N. Y.  
 David Lodge Patterson, Leetonia  
 Frank Joseph Paul, Lorain  
 Roger Warren Pelz, Richfield  
 Daniel Lee Penrod, Columbus  
 David Christopher Penzone, Columbus  
 Aricjo Porfirio Perez, Milford Center  
 Donald Theodore Perry, Columbus  
 Michael Raymond Pesek,  
 Independence  
 Dennis Eric Peterson, Ashtabula  
 Charles Winfred Philpot,  
 Egg Harbor, N. J.  
 Cathy Jane Pierce, Lima  
 Erik Richard Pierce, London, England  
 Gerald George Polivka, Duquesne, Pa.  
 Stephen Michael Popovich, Columbus  
 Larry Rankin Porterfield,  
 St. Clairsville  
 Erik Rolf Portmann, Lima  
 John Walter Post, St. Henry  
 Stephen Charles Prechtel, Orrville  
 Geoffrey Franklin Presson,  
 Bedford Heights  
 Diane Marie Preston, Norwalk  
 Geoffrey Baker Price, Akron  
 Frank Tolbert Proctor, Jr.,  
 Statesboro, Ga.  
 Dennis Lee Puffenbarger, Mt. Vernon  
 Steven Alan Radulovich, Elida  
 Dennis Jay Rathbun, Bryan  
 Dennis James Regano, Mayfield  
 William Edward Riley, Berea  
 Dean Bradley Rinehart, Gallipolis  
 Joseph Hill Rinehart, III, Springfield  
 David John Roberts, Hamilton  
 Virginia Mary Rodic, Lakewood  
 Jerome Dwight Rogers, III, Columbus  
 Leonard John Roll, Independence  
 Maurice Mark Rubright, Dover  
 Thomas Alfred Rupp, Lancaster, Pa.  
 Alan Irwin Sacks, Rochester, N. Y.  
 Gary Allen Sahr, Columbus

Regenia Filethia Sanders, Columbus  
 Paul Anthony Santuzzi, Cleveland  
 George Steven Sapon, Akron  
 Mark Alan Schimansky, Canton  
 Robert Eugene Schmerge,  
 Wapakoneta  
 Robert John Schneider, Bellevue  
 Paul Schnittger, Brooklyn  
 Roger Raymond Schwartz,  
 New Bremen  
 Louis Carl Schwenher, Cincinnati  
 Bruce Farrell Seifer,  
 West Hempstead, N. Y.  
 Joseph George Seladi, Jr.,  
 Parma Heights  
 Jay Lee Shell, Phillipsburg  
 Michael Joseph Sheskey, Columbus  
 James Eugene Shoemaker, Columbus  
 Dennis James Shonebarger, Columbus  
 David Louis Simon, Cleveland  
 Scott Simon, Cleveland  
 Russell Edward Simpson, Mansfield  
 Gary Gabor Sislak, Garfield Heights  
 James Edison Slavens, Columbus  
 James Wick Smart, Worthington  
 David Douglas Smith, Columbus  
 Donald Steven Smith, Columbus  
 Glenn Richard Smith, Elyria  
 Gregory Vaught Smith, Gallipolis  
 Roger Lee Smith, Columbus  
 Steven Harold Speelman, Columbus  
 Richard William Splete, Marion  
 Donald Alan Stanchfield, Mansfield  
 William Edward Stark, Columbus  
 Gary Alan Stein, Erie, Pa.  
 John Eldridge Stinson, Hillsboro  
 David James Stock, Columbus  
 Gregory Arthur Swank, Columbus  
 Paul Weston Sylvester, Cincinnati  
 Richard John Szczepaniak, Toledo  
 Supon Taechanurugk, Thailand  
 Geoffrey Stanley Tatman, Columbus  
 Thomas Wayne Tenwalde, Ottawa  
 William Andrew Thellian, Cleveland  
 Edward James Thieman, Minster  
 Edward James Thomas, Jr., Columbus  
 Gerald Edwin Thomas, Columbus  
 Edwin Frank Thompson, Jr.,  
 Washington C. H.  
 Larry Alan Thompson, Columbus  
 Martin Stewart Todd, Columbus  
 Susan Amici Tolbert, Martins Ferry  
 D. John Travis, Parma Heights  
 Clifford Lloyd Truelson,  
 Columbia Station  
 Amy Laurel Tugend, Fredericktown  
 Robert David Turner, Marion  
 Larry Wayne Tyree, St. Louisville  
 Bruce Louis Varga, Cleveland

Gerard John Vavruska, Strongsville  
 William Charles Vey, Jr.,  
 Worthington  
 Imants Viss, Columbus  
 David H. Waliser, Lancaster  
 Andrew Judson Wallner,  
 Bedford Heights  
 Madelynn Marshall Warren,  
 Bloomfield Hills, Mich.  
 Michael Brooks Watson, Worthington  
 James Harold Webster, Westerville  
 Roger Bruce Wettlaufer, Ashtabula  
 Susan Hill Wettlaufer, Ashtabula  
 Bruce David Whiteman, Delaware  
 Phil Leigh Whittington, Sabina  
 James Harold Wilcoxon, Jr.,  
 Reynoldsburg  
 Cheryl Ann Mencer Willis, Columbus  
 William Henry Willis, North Canton  
 David Richard Wilson, Findlay  
 Thomas Alden Wilson, Cincinnati  
 Steven Harry Wimmers, Hamilton  
 David Mark Wolford, Mansfield  
 Richard Dwight Wood, Columbus  
 Terry Steven Woods, Cincinnati  
 Thomas Gene Woods, Dayton  
 James Howard Wyland,  
 Tujunga, Calif.  
 Donald James Yark, Jr., Toledo  
 Thomas James Zenisek, Cleveland  
 Gregory Jay Zeno, Dayton  
 Gregory Charles Zuercher, Pandora

## School of Social Work

### Bachelor of Science in Social Welfare

Fifty candidates

Barbara Florence Adelstein,  
 Leviton, Pa.  
 Christine Marie Arnoldi, Huron  
 Laurie Shapiro Assa, Plainview, N. Y.  
 Alice Lorraine Bethel, Steubenville  
 Elsie McDearmon Biles, Columbus  
 Rosalyn Pearl Blogier,  
 University Heights  
 Kandi Kim Brelsford, Westerville  
 Virginia Mary Brigham, Columbus  
 Ronald Lee Brown, Reynoldsburg  
 Julie Alison Chernov, El Paso, Tex.  
 Michael James Chevallard, Columbus  
 Susan Joy Clewner, Brooklyn, N. Y.  
 Josephine Colli Clyde, Columbus  
 Eleanor Ruth Dorton, Columbus  
 Timothy Curtis Earlenbaugh, Akron

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Jacalyn Ann Ebbert, Marion  
Leslie Susan Gerry, Cleveland  
Shelley-Starr Green, Chatham, N. J.  
Joseph Martin Hall, Cincinnati  
Debra Ann Harris, Columbus  
Suzanne Marie Hill, Sandusky  
Renee Susan Hoffman, Beachwood  
Gregory Ray Immel, Columbus  
David Taylor Ives, Pierpont  
Linda Cheryl Jones, Cuyahoga Falls  
Nadelane Lee Joseph,  
University Heights  
Jo Anne Kintner, Kenova, W. Va.  
Janet Susan Kosher, Plainview, N. Y.  
Laurie Marie Kozar, Euclid  
William John Kreinbuhl, Jr., Mansfield  
Patricia Ann Kuhlman, Findlay  
Paula Enid Litt, South Euclid  
Donald James Marvin, Columbus  
Barbara Uhlenhake Micetich,  
St. Henry  
Kenneth Foye Murray, Gahanna  
Michele Frances Pervin, Toledo  
Patricia Louise Reilly, Columbus  
Frances Hines Russell, Westerville  
Linda Jean Schmidt, Circleville  
Maureen Joy Schoenberg, Akron  
Ellen Louise Schroeder,  
Louisville, Ky.  
Susan Denise Shorr, Canton  
Laura Sue Sobel, Queens, N. Y.  
Jeanne Speech, Columbus  
Ann Alethea Springer, Columbus  
Raymond Joseph Studer,  
New Washington  
Janice Lee Underwood, Columbus  
Lynne Riddle Waddle, Toronto  
Vicki Elaine West, Wilmington  
Diane Lynn Wetters, Worthington

### Bachelor of Science in Agriculture

Two hundred and forty-two candidates

Donald Evans Alford, Hamilton  
Dale Eugene Amstutz, Orrville  
Bruce Edward Anderson, Piqua  
Douglas Eugene Anderson,  
Mt. Sterling  
Euna Vay Andrasik, Dayton  
John Richard Augenstein, Marion  
Owen Jay Baltuth, Cincinnati  
Michael Ramon Bardo, Salem  
Russell Howard Bare, Canfield  
Rod Michael Barnishan, Columbus  
B.A. (Davis and Elkins College)  
Harold Thomas Beck, Dayton  
Jack Porter Berry, Shreve  
Joel Thomas Berry, Shreve  
Karl Eugene Betts, Andover  
Cathrine Allyn Blausner, Baltimore  
Hans Peter Block, Sugar Grove, Pa.  
Ronnie Lee Blough, Orrville  
Alexander Theodore Bobersky,  
Lake Milton  
David Eugene Brinkman, Greenville  
Gary Wade Brookshier, Bay Village  
Timothy Charles Brotzman, Madison  
Daniel LeRoy Brown, Hillsboro  
Walter Brown, Jr., Lyndhurst  
Alice Buker, Monroe  
Alvin William Burger, Hamilton  
Michael Burns, Milford Center  
John W. Burroughs, III, Miamisburg  
Alan Rhett Butler, Portsmouth  
James Arthur Case, Delaware  
Scott William Cavanaugh, Tiffin  
Allen Keith Clark, Cutler  
Steven Roger Close, Baltic  
Donald Lee Collins, West Portsmouth  
Ronald Eugene Company, Plymouth  
Michael Bartholomew Conway,  
Manchester  
James Robert Cook, Jr., LaRue  
Jay Fredric Cowgill, Van Wert  
David Robert Craig, Mt. Sterling  
Michael Alan Criblez, LaFayette  
Thomas Eugene Crowl, Columbiana  
Daniel Jaynes Crowner, Westerville  
William Lloyd Culbertson, Hebron  
Kenneth Daniels, Newark, N. J.  
William Edward Dase, Clarksville  
George Dale Derringer, Dayton  
Becky Stine Dickerhoof, Jenera  
\*Ronald Paul Dickerhoof, Louisville  
Stephen Russell Dodd, Athens  
Rodney Lee Endsley, Coshocton  
Paul Thomas Eppley, Roseville  
Dan Edward Eversole, Baltimore

Sandra Marie Eyring, Westlake  
B.S.H.E.  
Michael Paul Ezell, Bethpage, N. Y.  
Joy Ellen Federle, Kettering  
Charles John Ference,  
Mayfield Heights  
David Alan Finfrock, New Carlisle  
James Conrad Fisher,  
New Philadelphia  
Kristine Ann Fister, Barborton  
Craig Alan Fledderjohann, St. Marys  
Lee Edwin Foster, Springfield  
Dorothy Charlene Fraser,  
Burkburnett, Tex.  
Duane Hamilton Friend,  
West Alexandria  
Bruce Edward Frost, Bucyrus  
Norma Jean Fuerst, Euclid  
Robert Faye Funderburg,  
Yellow Springs  
Lisa Lynn Garrod, Cincinnati  
Frank Arthur Gasperini, Jr.,  
Bridgeport  
Mark Edward Gebhart, Lewisburg  
Michael Richard Geib,  
Columbus Grove  
Lynn Charles Geitgey, Malinta  
Thomas Merrill Geyer, London  
James Arthur Gibson, Galion  
B.S. (Michigan State University)  
Kenneth Van Duyn Gillette, Newark  
Barry Steven Glaz, Cleveland  
Mark Joseph Goeke, West Alexandria  
Gregory Alan Gombas,  
Garfield Heights  
Carl Leeson Greene, Warren  
David Frederick Grimm, Oak Harbor  
James Michael Haas, Lindsey  
Wayne Paul Haas, Euclid  
Richard Todd Hales, Grafton  
Kathryn Ann Hall, Ashland, Ky.  
Gary Paul Hehemann, Cincinnati  
Dean Merlin Henson, Shelby  
Eugene Paul Hettel, Norwalk  
Richard Duane Hiller, Ashland  
James Charles Hines, Ostrander  
Daniel Joseph Houck, Atwater  
Richard Bruce Howry, Goshen  
David Allan Hoyles,  
Tupperville, Ont., Canada  
Timothy Ralph Hutchison, Streetsboro  
John Thomas Hutter, Bay Village  
Angela Rose Jamison, Columbus  
Kurt Neil Johnson, Columbus  
Paul Junior Johnson, New Carlisle  
Gregory Hugh Jones, Marion  
Henry George Kattesh, Cleveland  
Gary Clayton Keck, Leipsic

\* Also Master of Science, Graduate School

Jed Alan Keiser, Fostoria  
Stanley Lawrence Keller, Jr.,  
East Palestine  
Donna Marie Kendig,  
Sinking Spring, Pa.  
Bruce Eugene Keppler, Mansfield  
Jack Dean Kilpatrick, Frazesburg  
Thomas Lincoln Kimak,  
Allentown, Pa.  
Robert Harley King, West Liberty  
Michael Lynn Kissinger, Bradford  
Douglas Avery Klein,  
New York, N. Y.  
Dale Robert Koester, Lima  
Kathleen J. Kogut, Tully, N. Y.  
Michael Earl Kohlsdorf, Cincinnati  
Cornelius Koorn, Wooster  
Randal Michael Koteles, Barberton  
Joseph Kusar, Jr., Euclid  
Michael Duane Lake, Shelby  
Michael Thomas Lambur, Lorain  
William Eugene Langel, Kirkersville  
Ronald Mark Lindsey, Parma  
Donald Wayne Long, Cincinnati  
Michael Roy Ludwig, Columbus  
William John Lund, Norwalk  
Patrick Eugene Maddox, Mansfield  
Martin Anthony Maline, Cincinnati  
James Robert Martin, Georgetown  
Mary Frances Martin, Hamilton  
Lynn Michael Maurer, Botkins  
Gary Lee Mavis, Edgerton  
Matthew Allen McClellan,  
North Canton  
David George McClure,  
Washington C.H.  
Paul Robert McKinnie, Vaughnsville  
Samuel Lee Merillat, Archbold  
Paul William Meyer, Cincinnati  
Stuart Michael Meyer, Cleveland  
Kevin Dale Miller, Washington C.H.  
Marla Sue Miller, Wooster  
Ralph Edward Miller, Clyde  
William Martin Miller, Plymouth  
Darrell Bunson Minnich, Urbana  
Rebecca Elizabeth Modransky,  
Bloomington  
Timothy George Moss, Greenwich  
Roy Lee Mowen, West Alexandria  
Stephen Irvin Murphy, Wilmington  
Michael Bruce Mutchler, Ocoola  
Michael Edmund Naber, Toledo  
Emerson Dale Nafziger, Archbold  
Kathleen Annette Nelson, Westerville  
Gregory Steven Noble,  
Washington C.H.  
Larry David Nogle, Columbus  
Patricia Linda Ostrover,  
Harrison, N. Y.  
William Joseph Overholtz, Lima

James David Pagett, Xenia  
Joseph Andrew Patronik, Mt. Healthy  
Patrick Edward Perry, Vickery  
Timothy David Phillips, Springfield  
Ronald Joseph Pickworth, LaGrange  
James Pizzino, Jr., Orange  
Charles Joseph Pohlman, Delphos  
Clifton Wayne Poling, Marysville  
Danny Lee Polter, Fremont  
Mark Alan Pontius, Amanda  
William Gregory Rasbach, Cincinnati  
Stephen Dee Reed, Zanesville  
Gregory Paul Persons Reese, Warren  
William Charles Reiss, Grove City  
James Carl Rex, Blue Rock  
Jeffrey Leon Rhoad, Fostoria  
William Dale Rhodes, Jr., Johnstown  
William Kent Richey, Jr., London  
William Walter Ridenour, Lima  
George Irvin Riker, Bowling Green  
Joseph William Rimelspach, Fremont  
Thomas Edward Ritchie,  
Highland Heights  
James Lloyd Robinson, Galion  
John D. Robinson, Circleville  
Tom Howard Robinson, Delaware  
Walter Robert Rogers, East Orwell  
Janet Heubel Rosenfield, Columbus  
Bernard Lee Ross, Mansfield  
Patrick Michael Ruble, Hebron  
Eugene Howard Ruoff, Orient  
Larry Alan Ryder, Columbus  
Stephen Michael Sass, Seven Hills  
Aaron Lee Sayre, Portland  
Martin Jeffery Schuster, Cleveland  
Steven Lee Scott, Mt. Vernon  
Hollis Lee Shafer, Cloverdale  
Bradley Claude Shephard,  
Milwaukie, Ore.  
Charles Leland Sherck, Republic  
James Brecht Short, Bryan  
William Dale Short, Archbold  
Jenelle Louise Shover, Lancaster  
Ronnie Dean Shupert, Seamen  
Phillip Christian Simon,  
East Palestine  
Thomas Richard Skelton, Canfield  
Harry David Slawter, Middleport  
Kathleen Jarosz Smith, Richfield  
Roger Dean Smith, Mt. Gilead  
Roger William Smith, Gallipolis  
James Eugene Sours, Bloomville  
Dale Edward Spieth, Hinckley  
Ronald James Spiker, Norwich  
Howard Alfons Stammen, St. Henry  
Jone Alcorn Steward, Youngstown  
Donald Ray Stewart, Columbus  
Duane Charles Stewart, Hudson  
Dana Douglas Stone, Wellington

Fred Michael Stoner, Navarre  
Betty Louise Strang, Loudonville  
William Dean Stype, Wooster  
Paul Edward Swisher, II, Thornville  
William Richard Swob, Jr., Houston  
James Claude Szippel, Avon  
Peter Stephen Thornton, Waterville  
James Leo Trigg, Delaware  
Susan Eve Turek, Pepper Pike  
Larry Dale Ufferman, Delaware  
Stephen Richard Vaughn, Westerville  
Donald Lynn Veazie, Granville  
Frederick Neal Walter,  
New Straitsville  
Emily Von Stein Walton, Nevada  
Karl Jay Warnke, Bedford  
David Allen Warren, Bluffton  
Charles Martin Weber, Defiance  
Edward Boyd Weiss, Grove City  
Gary Irwin Welling, Millbury  
Maxey Lee Wellman, Cincinnati  
Roif Lynn Wells, Warsaw  
Donald Conrad Welter, Avon  
Lester James Wenger, Orrville  
Robert Grant Weston, Bedford  
Judith Carol Wheeler,  
Wilmington, Del.  
Kathleen Mary Williams, Akron  
Ronald A. Williams, Hilliard  
Gary William Wilson, New Concord  
James Alfred Winchell, Chagrin Falls  
Charles Stanley Wingfield, Columbus  
Dwight Evan Wolfe, Englewood  
Charles Thomas Worley, Leesburg  
Darrel Lee Wright, Trenton  
Chris Oak Yoder, West Liberty  
Frederick Young, Hopewell  
Kent Lynn Zimmer, Arcanum  
Daniel Lee Zimmerman, Ludlow Falls

#### **Bachelor of Science in Dairy Technology**

Four candidates

Peter Albert Diehl, Defiance  
Thomas Franklin Diehl, Defiance  
Earl Lee Fisher, Winchester  
Patricia Gaier Pellington, Springfield

#### **Bachelor of Science in Food Technology**

Eight candidates

David Alan Bramer, Painesville  
\*Teung Fook Chin, Cincinnati  
Vernon Warren Cole, Worthington  
Dennis Lee Gierhart, Criderstown  
Harvey Jack Kaplan,  
White Plains, N. Y.

\* Also Master of Science, Graduate School

Randal Lynn Minck, Columbus  
Roberta Ann Topits, Cincinnati  
\*Maria Mon Zou Wei,  
Waterloo, Ont., Canada

#### Bachelor of Science in Nutrition

Two candidates

James Walter Brenneman, Dundee  
Donald Kevin Porter,  
Washington, D. C.

#### School of Natural Resources

##### Bachelor of Science in Natural Resources

Twenty-nine candidates

Steven Robert Billiar, Wooster  
Mark Larkin Bonnell,  
New Philadelphia  
Robert William Bosan, Bedford  
\*\*Roger Clark Brown, Westerville  
Thomas Harry Brunner, Lakewood  
Joseph Andrew Cellura, Lyndhurst  
Samuel Ford Cooke, New Castle, Pa.  
David Stephen Dodd, Westlake  
Wallace Lloyd Dodge, Cincinnati  
Floyd Dominic Dottavio, Massillon  
Terry Edward Dudley, Fremont  
Darryl Bruce Freeman, Akron  
Carol Lois Fuhman, Willowick  
Frederick William Hellenberg, III,  
Middleburg Heights  
Frederick David Hinebaugh, Jr.,  
Akron  
James Kennard Hopewell, Hillsboro  
Steven Michael King, Gahanna  
Stephen Paul Kloss, Worthington  
David Russell Koch, Painesville  
Robert James Logge, Wooster  
Gordon James Mitchell, Columbus  
Dale Stanton Plank, Elmore  
David Michael Schumm, Van Wert  
Richard Henry Shovel,  
Bedford Heights  
James Gregory Tays, Uniontown  
Mark Alan Vanek, Bedford  
Dean Elson Weber, Rutland  
Stephen Richard Whitten, Kingston  
\*\*Cary Joel Zabell, Beachwood

#### School of Home Economics

##### Bachelor of Science in Home Economics

One hundred and forty-seven candidates

Barbara Gamble Anderson, Van Wert  
Diana Bostic Anderson, Hilliard  
Katie Louise Andrews, Bellevue  
Bonnie Tuttle Ayars, Mechanicsburg  
Donna Eileen Barrington, Columbus  
Diane Hall Bassett, Columbus  
Linda Sue Benney, Columbus  
Janeen Carol Biehle, Maineville  
Faye Carolyn Blalock, Akron  
Diane Ruth Boerger, Fort Loramie  
Deborah Knerim Bonchu, Cleveland  
Kay Anne Bortel, Liberty Center  
Dorothy Jane Bouillon, New Riegel  
Susan Christina Bowen, Wooster  
Shelley Ramae Braden, Cambridge  
Cindy Kay Brenneman, Lexington  
Donna Ruth Cahill, Columbus  
Paula Jean Callahan, Marion  
Cynthia Jean Cantalamessa,  
Willowick  
Catherine Mary Chieglis, Fairborn  
Catherine Ann Collier, Doylestown  
Phyllis Dickinson Compton,  
Worthington  
Lucinda Sarah Cornell, Westerville  
Brenda Marlene Cover, Nevada  
Florence Poland Cox, Xenia  
Arlene Louise Crosser, Hanoverton  
Deborah Wilson Davis, Columbus  
Rebecca Anne deRoche, Columbus  
Lucille Elizabeth Diehm, Willard  
Rosemary Ann Diltz, Columbus  
Peggy Marie Dove, Newark  
Debra Dunham, Toledo  
Mary Frances Ehlerding,  
Port William  
Pamela Marie Ellinger, Ohio City  
Janet Marie Essman, Columbus  
Joyce Lynne Fahrer, Sandusky  
Sherry Renee Feinstein, Columbus  
Leslie Anne Flowers, Cincinnati  
Sharon Foskuhl, Dayton  
Susan Mary Gams, Columbus  
Martha Hiatt Greendyke,  
Port Recovery  
Marta Sue Guilkey, Portsmouth  
Suzanne Ruth Gutman, Dayton  
Kristine Louise Haines, Canton  
Kathy Winifred Hammons, Lima  
Karen Lee Hazel, Kettering  
Jo Ellen Helmlinger, Sidney  
Mary Christine Heubach, Newark  
Carol Jean Hoelscher, New Knoxville  
Janet Lee Hoffman, Grove City  
Joy Evelyn Hoffman, Columbus  
Mary Donahue Hosman, Toledo  
Janice Ellen Howlett, Atlanta, Ga.  
Brenda Kaye Hutchinson, Batavia  
Marie Theresa Hyme, Lancaster  
Phyllis Nadine Janson, Columbus  
Dana Sue Johnson, Manhattan, Kan.  
Monica Lucille Jordan, Massillon  
Jane Bonifas Kahle, Kalida  
Judith Ann Kaminski, Toledo  
Eileen Mindy Kavesch, Wantagh, N. Y.  
Regina Louise Kellar, Berlin Heights  
Mary Therese Kelly, Columbus  
Anne Richards Knecht, Zanesville  
Brenda Kay Kocheer, Bucyrus  
Laura Jo Lake, Columbus  
Bonnie Campbell Lancaster, Berea  
Kathleen Ann LaRue, Stoutsville  
Fern Lev, Cleveland  
Sharon Lynn Levandosky, Seven Hills  
Cathy Lee Lewis, Newburgh, N. Y.  
Andrea Susan Lieberman,  
Lake Success, N. Y.  
Lola Elaine Lober, Mt. Vernon  
Cynthia Ann Lord, Bowling Green  
Cynthia Ann Loy, Botkins  
Carol Elaine Macaulay, Columbus  
Georgia Lynne MacNeill,  
Pittsburgh, Pa.  
Debra Lynn Mager, Cleveland  
Lydia Deane Mallett, New Concord  
Barbara Ellen Manis,  
Spring Valley, N. Y.  
Janis Elizabeth Maurer, Wooster  
Margaret Ann Maurer, Columbus  
Carol Ann Meetin, Geneva  
Martha Louise Mendel, Columbus  
Carolyn Rebecca Meranda,  
Georgetown  
Carol Sue Miller, East Sparta  
Marsha Elaine Moss, Columbus  
Margaret Lynne Myers, Granville  
Marilyn Nachemson,  
West Hempstead, N. Y.  
Nancy Alene Nice, Norton  
Beth Ann Nicholson, Lima  
Donna Monn Nichols, Shelby  
Ellen Gail Nickman,  
University Heights  
Janet Marilyn Obratil, Novelty  
Lynne Margaret O'Connell,  
Monterey, Mass.  
Marie Elena Orozco, Lorain  
Robin Kuhr Ort, Cleveland  
Laurie Renee Oshuns, Beachwood  
Melanie Lynne Ostermeier, Midland

\* Also Master of Science, Graduate School  
\*\* Also Bachelor of Science in Education,  
College of Education

## College of Dentistry

Dean: John R. Wilson

Mary Gwendolyn Patterson,  
Pittsburgh, Pa.

Kathryn Ann Paulinsky, Painesville  
Naomi Irene Peak, Waldo

Andrea Leslie Peters, Vandalia  
Carol Ann Philip, Cleveland

Barbara Lynn Phillips, Warren  
Mildred Mayumi Phillips, Milan  
Dianne Bradfield Piastro,

Spring Valley, Calif.

Susan Carol Pochedly, Falconer, N. Y.

Carol Barnhart Polter, Springfield

Harriett Jean Pughsley, Lima

Linda Arlene Pursley, Lebanon

Debra Lynn Rawlins, Dayton

Janice Marie Rubadue, Columbus

Ann Marie Rufo, Elyria

Jacqueline Jean Sarver, Dayton

Sally Rae Schaar, New Philadelphia

Nikki Lynn Schafer, New London

Alice Christine Schroth, Troy

Madelyn Joan Sechler, Newton Falls

Pamela Ann Shuey, Columbus

Roberta Edgell Simpson, New Albany

Victoria Lee Slaney, Worthington

Linda Lou Morton Smith, Marion

Mary Jo Smith, Columbus

Nancy Louise Smith, Bay Village

Susan Louise Snyder, Newark

Jane Stafford, Columbus

Roberta Leah Standel,

Cuyahoga Falls

Debra Stark, Columbus

Pamela Kay Stockberger, Utica

Barbara Ann Stocksdales, Wooster

Susan Kay Taylor, St. Clairsville

Kathleen Sue Thurn, Columbus

Susan Elaine Uhl, Millersburg

Elizabeth Van Allen,

Naugatuck, Conn.

Marleen Gayle Vanta, Cleveland

Irvalee Susan Varner, Nashport

Rebecca Sue Vulgamore, Jasper

Polly Ann Waltz, Chagrin Falls

Jane Elizabeth Warner, London

Teresa Watson Wellman,

Rockville, Md.

Elizabeth Redmond Williams,

Columbus

Julia Henry Wilson, Lancaster

Cheryl Lee Wine, University Heights

Susan Kathryn Wolff, Milford Center

Mary Concetta Zdinak, Toronto

Stella Marie Zonars, Kettering

### Bachelor of Science in Nutrition

One candidate

Priscilla Lynn Alden, Wilmington

### Bachelor of Science in Restaurant Management

Four candidates

Lee Ellen Golden, Philadelphia, Pa.

Dennis Harold Hodson, Euclid

James L. Hughes, Shaker Heights

Kenneth August Rath, South Euclid

### Doctor of Dental Surgery

One hundred and thirty-eight candidates

Dane Gordon Adams, Lagrange  
B.S. (Ohio University)

Gary Richard Altman, Findlay  
B.S.

Ronald Fred Arndt, Parma  
B.A.

Richard William Aros, Lorain  
B.A. (Ohio Northern University)

Howard Scott Ayle, Xenia

Gary R. Baughman, Zanesville  
A.B. (Miami University)

Rodney Joel Beckett, Mt. Vernon  
B.S. (Capital University)

Paul John Beegan, Cleveland  
B.A. (Saint Vincent College)

Douglas Edward Beilstein, Mansfield  
B.S. (Ashland College)

John Raymond Bommer, Elyria

Roger Lee Bookwalter, Mansfield  
B.A. (Ohio Wesleyan University)

Gary Allen Clapham, Westerville  
B.A.

Jeffrey Richard Clark, Columbus  
B.A.

Raymond Edwin Cleary, III,  
Cincinnati  
B.A.

James Alan Cloyd, Elida

John Carl Cook, Jr., Van Wert  
B.S.

Timothy David Craemer, Solon  
B.A. (Adrian College)

Thomas Ross Cromwell, Hicksville  
B.S. (Bowling Green State  
University)

Gerald Edward Dice, Tallmadge  
B.S.

John Peter DiMaccio, Steubenville  
B.A. (College of Steubenville)

David Nolan DiSalvo, Kettering

Lonnie Ray Doles, West Milton  
B.S.

Ronald Edward Douglas, Cleveland  
B.S.

Joseph Richard Dunlap, Toledo  
A.B. (Miami University)

Richard C. Dunlap, Jr., Toledo  
B.S. (University of Toledo)

Imar Ezis, Findlay

Henry Nicholas Finelli, Jr., Columbus

Robert Jay Fish, Cambridge  
B.S.

Paul C. Franklin, University Heights

John Robin Frische, Wapakoneta  
B.S. (Ohio University)

Alan King Fulks, Athens

Charles Keith Fuqua, McComb  
B.S.

John Amos Gasser, Smithville

Daniel Berl Goldberg, Columbus  
B.S.

John Michael Golski, Elyria  
B.S. (Xavier University)

John Terrence Green, Marion  
B.A.

Ronald Joseph Greene, Dayton  
B.A. (Wright State University)

Rene William Grieselhuber, Hamilton  
B.S.

Matthew Louis Hablitzel, Port Clinton  
B.A.

Joe Hale, III, Akron  
B.S. (Kent State University)

James Warren Hanna, Ashtabula  
B.S.

Larry Dean Hard, Columbus

George Howard Henderson, Cincinnati  
B.S. (Bowling Green State  
University)

Norbert Horst Hertl, Columbus  
B.S.

Dain Joel Hodges, Columbus  
B.A.

George Douglas Hoover, Oberlin  
B.A. (Ohio Wesleyan University)

Robert Michael Hoyng, Troy  
B.S. (University of Michigan)

Stephen Brian Hutchings,  
Yellow Springs  
B.S. (Brigham Young University)

Byron George Jasper, Lancaster  
B.S. (Ohio University)

Carl Ray Jeffery, Antwerp  
B.S. (Bowling Green State  
University)

Vernon Ray Jones, Marion  
B.A.

Edward Bruce Karlin, South Euclid  
A.B. (Case Western Reserve  
University)

Daniel Lee Kaser, Sandusky

Barry Martin Kilfoil, Cincinnati  
B.A. (College of the Holy Cross)

Herbert Brightman Kinney, Columbus  
B.A. (Ohio Wesleyan University)

Paul Clifford Kitchin, III, Ravenna  
B.S.

Robert Francis Kroeger, Youngstown  
B.S.

Kenneth Leroy Kurtz, Lima  
B.A. (Anderson College)

Wayne Howard Kuzman,  
Olmsted Falls  
B.S. (Ohio University)

Brian Rolland Lacey, New Concord  
B.A. (Muskingum College)

Patrick Joseph Lang, Columbus  
B.A. (Case Western Reserve  
University)

Gordon Francis Leden, Cleveland  
B.S. (Ohio University)

Donn Robert Lidington, Willard  
B.A.

Michael Lipson, Cincinnati  
B.A. (University of Cincinnati)

Allen Barry Lishawa, Cincinnati  
A.B. (Miami University)

Lester Marc Lubitz, Cleveland  
B.S.Bus.Adm.

Mark Albert Macke, Cincinnati  
B.S. (Butler University)

Keith Thomas Madison, Willowick  
B.S. (Cleveland State University)

Gary Harold Malowitz, Cincinnati  
B.S. (University of Cincinnati)

Michael Harry Malowitz, Youngstown  
B.S.

William Joseph Mangano,  
South Euclid

Michael Harlan Mann, Dayton  
B.S.

Larry James Mardis, West Chester  
B.S.

Fred Sheldon Margolis, Lorain  
B.S.

Stanley Gordon Matthews, Dayton

Michael Joseph McDonnell, Dayton  
B.S. (University of Dayton)

Michael Raymond McMahon,  
Youngstown

James Edwin Metz, Coshocton  
B.S.

Richard Allen Miller, Cleveland

Thomas Anthony Montagnese, Lorain

Rodney Allan Moore, Dayton

Neal Conrad Murphy, Hinckley  
B.A. (Kent State University)

Richard Lee Myers, Columbus  
B.A. (Manchester College)

Daniel Christopher Norris, Columbus  
B.S. (Bowling Green State  
University)

Greg Lee Offenburger, North Canton  
B.A. (Kenyon College)

\*Loren Michael Petry, Akron

David Brooks Pierce,  
Falls Church, Va.  
B.S., B.S.Ed.

Theodore Richard Pope, Delaware  
B.S.

Richard Edward Prijatelj, Cleveland

Daniel Walden Prust, Avon Lake

Carter White Rae, Toledo

David Nathan Rickey, Shaker Heights  
B.A.

James Leo Riestenberg, Cleveland  
B.S. (University of Notre Dame)

William Douglas Robertson, Granville  
B.Cer.E.

Gary James Robinson, Toledo  
B.A. (Ohio Wesleyan University)

Richard Douglas Rogers, Warren  
B.A. (College of Wooster)

Herbert Knapp Rollins, Columbus  
B.S.

Denis George Rubal, Wickliffe  
B.A. (Case Western Reserve  
University)

John Thomas Ryan, Columbus  
B.S. (Ohio Dominican College)

William Henry Schmidt, Xenia  
B.A. (Miami University)

\* Also Bachelor of Arts, Colleges of the Arts  
and Sciences

John O'Gene Schwamburger, Portsmouth  
 Michael John Scianambo, Dayton B.S.  
 John Sedor, III, Parma B.S. (Ohio University)  
 Patrick Jan Shaffer, Mogadore B.A. (Kent State University)  
 Joseph Warren Shiveley, Bellefontaine  
 Donald Herman Siegfried, Canton  
 Joseph Charles Smith, Peninsula  
 James Allen Snyder, Indiana, Pa. B.S. (Allegheny College)  
 Richard Franklin Sobie, Garfield Heights B.S. (Ohio University)  
 Gary Lynn Stannard, West Millgrove B.S. (Bowling Green State University)  
 Robert Jeffery Stephens, Toledo B.S. (University of Toledo)  
 John Martin Stiefel, Shelby B.S.  
 Kenneth John Stovcik, Parma B.S. (John Carroll University)  
 Gerald Stephen Strauss, Marion B.A.  
 John Willard Strawman, Fostoria B.S. (Bowling Green State University)  
 Jerome Tabacca, Warren B.S.  
 Robert Allen Taylor, Perrysburg A.B. (Miami University)  
 Terry L. Thomas, Lima B.S. (University of Cincinnati)  
 Jeffrey Alan Tilson, Dayton B.A. (Miami University)  
 Charles Edward Trebilcock, Girard B.S. (Westminster College)  
 Timothy Alan Tschanz, Miamisburg  
 Patsy Usberghi, Jr., Akron B.A. (Kent State University)  
 Eric Clifton VanGilder, Worthington B.S.  
 Robert Lloyd VanHouse, Dayton  
 Raymond Henry Vecchio, Elyria B.S. (Ohio University)  
 Harvey Ronald Vesha, Rocky River B.S.

Edwin Leroy Wagstaff, Columbus B.A. (Hamline University)  
 Gary L. Warren, Dayton B.S. (Ohio University)  
 Robert Howard Westheld, Louisville  
 Harry Frederick Whitacre, Toledo B.S. (University of Toledo)  
 David Mark Willen, Cleveland B.S. (University of Cincinnati)  
 James Anton Williams, Perrysburg B.A. (University of Cincinnati)  
 Joseph Hoffman Williams, Eaton B.A. (Ohio Northern University)  
 Robert Lee Williams, Kettering  
 Albert Paul Zakel, Cleveland B.A. (Ohio Wesleyan University)  
 Steven Jay Zaret, Cincinnati B.S. (University of Cincinnati)  
 John Donald Zeides, Mansfield B.S. (Xavier University)  
 Mark Alan Zimmerman, South Euclid B.S.

#### Certificate of Graduate Dental Hygienist

Eighty candidates

Diane White Abshier, Bellefontaine  
 Linda Diane Alexander, Woodsfield  
 Beverly Grilliot Armstrong, Dayton  
 Susan Jane Bailey, Genoa  
 Sara Beth Baldock, Columbus  
 Brenda Lee Barkett, Youngstown  
 Christine Elise Bazler, Columbus  
 Linda Gail Beekman, Columbus  
 Susan Lawrence Black, Lancaster  
 Linda Marie Bowen, Columbus  
 Cathy Louise Carr, Fairborn  
 Janet Andrea Chaikin, Cincinnati  
 Diane Faye Clouse, Youngstown  
 †Carolyn Ann Conroy, Columbus  
 †Theresa Lynn Dare, Cleveland  
 Virginia Kay Dell, Fostoria  
 Pamela Jane Dunham, Columbus  
 Connie Zimmerman Dunlap, Defiance  
 Sheilah Gray Echard, Chillicothe  
 Jo Ellen Galliers, Toledo  
 Elizabeth Mary Grabowski, Chardon  
 Sherry Rae Greenberg, Toledo  
 Kathy Jo Griner, Troy  
 Gayla Henderson Headley, Camden  
 Bernice Ruth Horbaly, Brecksville  
 Elizabeth Ann Howell, Woodsfield  
 Mary Lynn Jackson, Mansfield  
 †Deborah Lynn Johnson, Cleveland Heights  
 Valerie Sue Johnson, Bellefontaine

Nita Louise Kasavan, Dayton  
 Janet Lee Kearney, Garrettsville  
 Kathleen Kelly, Columbus  
 Sue Ellen Kesiar, Zanesville B.A. (Southern Methodist University)  
 Brenda Sue King, Swanton  
 †Mary Catherine Kleven, Columbus  
 Sharon Irene Kropp, Newton Falls  
 Beverly Sue Kulp, Medina  
 Astrid Elisabeth Langell, Dillon, Colo.  
 Merle Rise Lapirow, Cincinnati  
 †Noreen Kay Leyden, Toledo  
 Judith Ann Litvak, Cincinnati  
 Susan Ellen Litvak, Cincinnati  
 Lynn Ammeter Loch, Mansfield  
 Beth Ann Lymanstall, Defiance  
 Karen Jones Maguire, Columbus  
 Sharon Cecilia Mahoney, Columbus  
 Rita Kay Moomaw, Smithville  
 †Mollie Morrison, Zanesville  
 ††Brenda Gail Pawloski, Marietta  
 Betsy Louise Pistoia, Dayton  
 Terry Freutel Pitchford, Columbus  
 Diana Lynn Rarick, Millersport  
 Linda Jean Rauth, Ashland  
 Susan Faye Rensi, Hopedale  
 Adrienne Rich, Columbus  
 Becky Sue Ries, Columbus  
 Roberta Lynn Robison, Matawan, N.J.  
 †Carla Susan Rogers, Toledo  
 Barbara Ellen Ruff, Dayton  
 Pamela Ann Scannell, Toledo  
 Dianne Huffman Schirtzinger, Columbus  
 Carol Ann Shively, Cincinnati  
 Rhea Toby Silverman, Cincinnati  
 †Barbara Jean Smith, North Canton  
 Carol Ann Smith, Centerville  
 Susan Louise Sosenko, Salem  
 Rebecca Ann Splane, Fort Lauderdale, Fla.  
 Catharine McCann Taylor, Lancaster  
 Janna Lee Taylor, Columbus  
 Susan Gayle Tedford, Cincinnati  
 Antoinette Sue Tepe, Cincinnati  
 Victoria Lynne Thompson, Zanesville  
 Nancy Lee Tieman, Columbus  
 †Barbara Macklin Wasiloff, Columbus  
 Irene Elizabeth Williams, Massillon  
 †Janet Louise Wilson, Dayton  
 Deborah Ann Wolff, Medina  
 Mary Ann Wood, Springfield  
 Katherine Weston Yager, Marion  
 Angela Marie Zuccarelli, Columbus

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

†† Also Bachelor of Science in Education, College of Education

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Nine hundred and ninety-five candidates

Robin Carey Abrahams,  
Williston Park, N. Y.  
\*Doris Lugosi Abrams, Chicago, Ill.  
William Dean Ackerman, Columbus  
Thomas Alan Adamescu, Mansfield  
Paulina Jackson Adams, Cincinnati  
Nancy Ann Addison, Columbus  
Barbara Terry Agin, Cleveland  
Gerald Lee Agner, Columbus  
Roberta Lee Alleman, Mansfield  
Connie Marie Allen, Xenia  
Maureen Elizabeth Allarding,  
Loudonville  
Pamela Jean Allarding, Columbus  
Patricia Joann Allison, Columbus  
John Michael Amann, Columbus  
Lyn Amaral, Columbus  
Alicia Christine Anderson, Madison  
Donald Fern Anderson, Van Wert  
Thomas James Andrew, Dayton  
Diana Gay Ankrim, Chesapeake  
Judith Reilly Arendash, Medina  
Linda Lee Arends, Columbus  
Nancy Jo Ater, Clarksburg  
Martha Shiplet Au, Mansfield  
Robbie Lynn Ayers, Columbus  
Susan Elizabeth Bach, Belle Center  
Curtis Wade Bacon, Lisbon  
Hollis Anne Baetz, Cincinnati  
Catherine Colledge Bailey, Bellville  
Nancy Ness Bailey, Mansfield  
Linda Lee Baker, Waldo  
Deborah Lynn Balog, Walton Hills  
Dale Allen Baptie, Chardon  
Mark Alexander Barbee, Columbus  
Sharon Marie Barhorst, Columbus  
Mary Smith Barker, Crestline  
Jeanne Kehrner Barnes,  
Sistersville, W. Va.  
Susan LaFleur Barnhart, Columbus  
Robin Lee Barnheiser, Dayton  
Cert. Grad.Dent.Hyg.  
Thomas Arthur Barton, Columbus  
Steven Robert Basford, Columbus  
Richard Allan Baskin, South Euclid  
Cynthia Ann Bass, Canton  
Rebecca Rickly Basset, Columbus  
Kristine Ann Batman, Stow  
Thomas Frank Battista,  
Weirton, W. Va.  
Melanie Jean Beck, Fairborn  
Molly Beesley, Lancaster  
B.A.  
Cheryl Abbott Behnke, Columbus  
Kathleen Alice Beining, Ottawa  
Earl Leon Belgrave, Brooklyn, N. Y.

Edward Lloyd Bell, Jr., Columbus  
Maureen Elizabeth Bell, Newark  
Marjorie Lee Bennett, Mansfield  
Ronald Edward Benning, Troy  
Ronald Gene Benroth, Bluffton  
Mary Freisthler Bensman,  
New Bremen  
Karen Sue Benson, Bellville  
Mary Haynes Bentley, Columbus  
Susan Kilbane Bergman, Columbus  
Marcy Beth Berkowitz,  
Springfield, N. J.  
Roberta Jean Berry, Mansfield  
Steven Myers Best, Lyndhurst  
Barbara Ann Bevan, Bucyrus  
Daniel Lee Bevier, Willard  
Maryann Caroline Bielawski,  
Cleveland  
John Hooper Biggers, Columbus  
Don Wayne Bilderback, Orrville  
Sharon Sue Bilfield, Cleveland  
Glenna Sue Bish, Grove City  
Penelope Ann Biss, Lima  
Susan Wolfe Blanke, Columbus  
Terry Ellis Bloch, Cleveland  
Kathy Jo Block, Youngstown  
Elizabeth Ann Blower, Grove City  
Bruce Homer Boggs, Hilliard  
Patricia Meinerding Bohmer, Lima  
Patricia Kathleen Bohner, Cleveland  
Cynthia Renee Bolte, Port Clinton  
Donald Charles Boodey, Peninsula  
William Keith Bookwalter, Findlay  
Deborah Louise Booth, Youngstown  
Frank Ken Bornstein,  
Philadelphia, Pa.  
Rhonda Sue Borodkin, Akron  
Gregory Gordon Boulware, Columbus  
Ralph Eugene Bowers, Dover  
John Fredrick Bowman, II,  
Reynoldsburg  
Gregory Allan Boyce, Mansfield  
Mary Theresa Boylan, Freeport, N. Y.  
Colleen Rae Braden, Garrettsville  
Joan Louise Bradford, Hamilton  
Julia Ann Brady, Oberlin  
Susan Mitchell Breinich, Columbus  
Kay Ellen Bremer, Toledo  
Cert. Grad.Dent.Hyg.  
John Michael Brennan, Columbus  
Deborah Mead Brinker, Fremont  
Steven Craig Brinkman, Grove City  
Rebecca Ann Brockelbank, Hicksville  
Kenneth George Brook, Granville  
Barbara Jean Brooker,  
Cuyahoga Falls  
Lance Eliot Brouthers, Cleveland  
\*Roger Clark Brown, Westerville  
Jeffrey Michael Brundage,  
Wantagh, N. Y.

Bernard Lesley Buckner, Cleveland  
Barbara Neva Burgett, Columbus  
Sherry Dawn Burk, Maumee  
Cathy Hinton Burns, Plain City  
Beverly Jane Burrey, Columbus  
Jeanne Ellen Burris, New Bremen  
Janet Monnett Burton, Columbus  
Scott Edward Cackler, Delaware  
Gale Virginia Cady, Newark  
Roberta Johnson Cady, Reynoldsburg  
Dennis Edward Caldwell, Columbus  
Barbara Lee Calendine, Columbus  
Nancy Kay Campbell,  
Washington C.H.  
Richard Lee Caner, Columbus  
Shirley Peyton Cannon, Columbus  
Kimberly Allen Cappel,  
Port Washington  
Cathaleen Carr, Grove City  
Judith Ann Carter, Columbus  
Patricia Cuzynski Carter, Columbus  
Karen Jacqueline Caruso,  
East Meadow, N. Y.  
Gerald Gene Casper, Harrod  
Walter Gregory Casto, Columbus  
Helen Jo Cavalier, Rocky River  
Lauren Jaye Ceisler,  
North Bellmore, N. Y.  
Barbara Scott Chaffin, Parma  
Kathleen Ann Chappin, Columbus  
Linda Marie Chapiro, Elyria  
Roberta Lynn Chevrier, Columbus  
Barbara Shoop Chrissinger,  
Columbus  
Nancy Ann Christine,  
Washington, N. J.  
Robin Christy, Columbus  
Constance Frederick Claes, Akron  
Steven Jay Clark, Delphos  
Amy Susane Clarke, Fairborn  
Daniel Joseph Clary, Columbus  
Laura Neff Clary, Columbus  
Dianne Louise Clayton, Sidney  
Barbara Sue Cochran, Newark  
Sue Ann Cochran, Columbus  
Cert. Grad.Dent.Hyg.  
Fredelle Elaine Cohen, Toledo  
Laurie Jo Cohen, Louisville, Ky.  
Marlene Celia Cohen, Canton  
Roberta Cohen, North Bellmore, N. Y.  
Katherine Rebecca Colby, Mansfield  
Candi Lee Colvin, Lima  
Jan Allene Combs, Reynoldsburg  
Judith Lynn Combs, Fairborn  
Marlene Joy Comstock, Kenton

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

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

Barbara Fisher Conaway, Columbus  
 Leslie Herrel Connor, Columbus  
 Bonniebelle Wright Cook, Lima  
 Jane Elise Cook, Sidney  
 Sheryllyn Sue Cook, Martins Ferry  
 Marion Louise Cooksey, Utica  
 Geneva Thompson Cornette, Columbus  
 Candace MacDonald Costas,  
 Portsmouth  
 Charlene Maillet Counts, Portsmouth  
 Charles Leroy Courtright, Columbus  
 Curtis Ray Cowan, Columbus  
 Linda Titus Cox, Marion  
 Sandra Delores Cox, Cleveland  
 Sally Anne Coy, Kettering  
 John Byron Cramblit, Lancaster  
 Molly Ann Cressor, Columbus  
 Ann Nugent Croft, Columbus  
 Karen Sue Croneis, Bucyrus  
 Jeane Marie Crowley, Mansfield  
 Gail Maxine Cumming, Dayton  
 Richard Earl Curlett, Xenia  
 James Jay Cypher, Lima  
 Patricia Ann Cypryla, Springfield  
 Susan Daas, Marion  
 Carol Sue Daniels, Westerville  
 Deborah Lynn Danzey, Berea  
 Clifford Ralph Davis, Upper Sandusky  
 Deborah Louise Davis, Columbus  
 James Clarence Davis, Columbus  
 Marilyn Tamaren Davis, Columbus  
 Pamela Sue Davis, Richwood  
 William Charles Deak, Toledo  
 Ruth Worley Dearth, Bellville  
 Jane McElwee Decker, Westerville  
 Margaret Ellen Deitch, Steubenville  
 Jo-Anne Deitz, Beachwood  
 Patricia Jo DeLong, Columbus  
 Michael John Demyan, Elyria  
 Jacqueline Spitz Derin, Columbus  
 Kathleen Gladys Devine, Worthington  
 Shelia Ellen Diamond, Cleveland  
 Denise Deborah Diedrich,  
 Worthington  
 Cert.Grad.Dent.Hyg.  
 Carole Rita DiPietro, Columbus  
 Patricia Jean Dobson, Newark  
 Margaret Mary Dodds, Bellaire  
 Sandra Fisher Doehler, Columbus  
 Karen Ann Doherty, Maumee  
 Christine Claire Dom, Cincinnati  
 Thomas Roger Doseck, Botkins  
 Denise Downs, Maxwell AFB, Ala.  
 Michael Eugene Doyle, Wilmington  
 Jacqueline Denise Dozier, Columbus  
 Susan Gail Dritz, Euclid  
 Huldah Dryer, Coshocton  
 Elizabeth Ann Duff, Cambridge  
 Nancy Anne Duffy, Cuyahoga Falls

Patricia Ann Duffy, Newark  
 Georgia Lee Duhan, Salem  
 Jayne Roberta Dunlap, Newark  
 Jack Smiley Durban, Columbus  
 John Joseph Dusseau, Toledo  
 Marcia Hart Duval, Springfield  
 Mary Alice Dygert, Lima  
 Janice Sue Early, Brookville  
 Jon Fredric Ebert, Dover  
 Patricia Ann Eccleston, Crestline  
 Harriet Ellen Edelman, Columbus  
 Merry Edison, Greenwich, Conn.  
 James Michael Edwards, Marion  
 Sharon Moyer Eggeman, Mansfield  
 Susan Kay Eibe, Springfield  
 Joan Lesley Eisner, Westbury, N. Y.  
 Jodi Lynn Emanuelson, Columbus  
 Robert Lawrence England, Marion  
 Valerie Jo Enken, Youngstown  
 Daniel Edward Ennis, Columbus  
 Patricia Marie Ennis, Columbus  
 Ellen Florence Epstein,  
 Bayonne, N. J.  
 Jacklyn Johnson Eschenbrenner,  
 Columbus  
 James Mark Evans, Richmond  
 Marcia Gail Fackelman,  
 Fairview Park  
 St. phanis Keppler Faigle,  
 Wapakoneta  
 Sandra Leslie Farmer, Cincinnati  
 Christine Ann Fehst, Joliet, Ill.  
 Kyle Lavern Feusner, Columbus  
 B.A.  
 Deborah Linda Fine, Cleveland  
 Michael Steven Finks, Columbus  
 Howard Douglas Fitz, Seven Hills  
 Steven Philip Flank, Columbus  
 Patricia Jane Flannigan, Newark  
 Gaye Lynn Flax, Washington C.H.  
 Cris Elizabeth Fogie, Soddy, Tenn.  
 Beth Zientek Foley, Columbus  
 Cert.Grad.Dent.Hyg.  
 Katherine Louise Foor, Pataskala  
 Susan May Forbes, Columbus  
 B.A.  
 Guy Stephen Forsythe, Plain City  
 Helen Leora Fowble, Cardington  
 James Clifford Fox, Mason  
 Jacquilynn Rae Foxall, Heath  
 Thomas Lee Fraelich, North Olmsted  
 Sam William Frank, Columbus  
 Linda Lou Frazier, Columbus  
 Cheryl Fulk Freeborn, Jeromesville  
 Ellen Rita Freedman, Pittsburgh, Pa.  
 Brenda Darroyl Freeman, Cincinnati  
 Catherine McLaughlin Frick,  
 Centerville  
 Steven Farrell Friece, Columbus

Elizabeth Ann Frieden, Norfolk, Va.  
 Sandra Zimmerman Friedman,  
 Columbus  
 Cert.Grad.Dent.Hyg.  
 Susan Milstein Friedman, Columbus  
 Pamela Ann Fryer,  
 North Babylon, N.Y.  
 John Joseph Gainor, Columbus  
 Beth Ann Galbraith, Newark  
 Amelia Lavin Gallagher, Canton  
 Andrea Hope Gallin, Shaker Heights  
 Susan Alice Galvin, Cincinnati  
 Gary Gene Gamble, Van Wert  
 Thomas David Gano, Greenwich  
 Glenn Harry Gardner, Worth  
 Kathleen Ann Garrison, Columbus  
 Barbara Joy Garson,  
 University Heights  
 Ellen Beth Gartenberg,  
 New York, N. Y.  
 Joy Elizabeth Gasser, Logan  
 Kathleen Kimble Gatchell, Lima  
 Kathy Dee Gay, Columbus  
 Cecile Martin Gebhart, Newark  
 Susan Rae Geller, Cincinnati  
 Margaret Anne Gentile, Columbus  
 Michael Edward Gerner, Dayton  
 Daniel Joseph Gero, Louisville  
 Ronald William Gherman, Marion  
 Cathy Gibbs, Orlando, Fla.  
 Gene Paul Gilchrist, Columbus  
 Lou Ann Gill, Waynesfield  
 John Raymond Gintert, Columbus  
 Jane Davis Gladwin, Columbus  
 B.S.  
 Sylvia Newman Glazer,  
 Westbury, N. Y.  
 Marta Leigh Glynn, Portsmouth  
 Jacqueline Louise Golay, Cincinnati  
 Vicki Rose Goldenson, Chicago, Ill.  
 Arlene Harriet Goldfarb,  
 Elmont, N. Y.  
 Ellen Rochelle Goldstein, Canton  
 Linda Hannah Goldstein, Cleveland  
 Michael Joseph Gonsalves,  
 Norton, Mass.  
 Gregory Goodman, Lakewood  
 Kathryn Grayson Gorchoff, Columbus  
 Carol Ann Gordon, Hillsboro  
 Jennifer Lynn Gordon, Elida  
 David Ray Gorenflo, Marion  
 Mary Louise Gramelt, Columbus  
 Cathy Lynn Granat, Glenoe, Ill.  
 Marilyn Kay Grant, Kettering  
 Janice Nicklaus Grashel, Columbus  
 \*Stephen Paul Grassbaugh, Mansfield  
 Harold Curtis Green, Columbus

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Penelope Stuckey Green, Marion  
 Carrie Arlene Greenhut,  
 Plainview, N. Y.  
 Barbara Schuler Greetham, Marion  
 James Craig Griffith, Delphos  
 Candice Ruth Griffith, Russells Point  
 Nina Ellen Grimes, Troy  
 Kathleen Grimm, Sandusky  
 Beverly Jean Grizzell, Columbus  
 Deborah Ronna Gross, Pittsburgh, Pa.  
 Mary Hannon Gross, Carrollton  
 Anne Sylvia Grossman, South Euclid  
 Linda Jane Grubaugh, Galion  
 Jacqueline Joyce Grumet,  
 White Plains, N. Y.  
 Mary Theresa Guarnieri, Warren  
 Deborah Ann Guenther, Wooster  
 Judith Marcile Gueth, Greenville  
 Chester Anthony Gunka, Dunkirk  
 Polly Sue Haberman, Marion  
 Nancy Lou Hackbarth, Columbus  
 Susan Geis Hackbarth, Columbus  
 Velvet Rogers Hafer, Dayton  
 Christina Wilson Hafford, Pataskala  
 Marcia Kay Haines, Marion  
 Linda Ann Hale, Painesville  
 Theresa Anne Haley, Bellville  
 Jimmie Hall, Columbus  
 Stacey Lee Hall, Columbus  
 Carolyn Hart Hancock, Ashland  
 Neal Leonard Handler, Columbus  
 Randy Fink Handler,  
 Birmingham, Ala.  
 Valerie Handlers,  
 Rockville Centre, N. Y.  
 Steven Richard Hanes, Columbus  
 Sally Wolfendale Hannahs, Granville  
 Pamela Lynn Harding,  
 Garfield Heights  
 Judith Marie Harmon, Louisville  
 Thomas David Harrington, Columbus  
 Carol Paine Harris, Columbus  
 Denise Sue Harrison, Newark  
 Cheryl Lynne Harsch,  
 Fairview Park  
 Janet Jo Hartings, Columbus  
 Paula Judith Hartley, Hubbard  
 Nancy Lee Harvey, Reynoldsburg  
 Jennifer Susan Hatfield, Marion  
 Carla Creamer Hawes, Galloway  
 Anne Harriet Hayes, Steubenville  
 Barbara Jean Hays, Martinsburg  
 Patricia McCarley Heaton, Hillsboro  
 Cert. Grad. Dent. Hyg.  
 Bonnie Lou Heckert, Kokomo, Ind.  
 George Clarence Heckler, Jr.,  
 Columbus  
 Kenneth Allen Heil, Columbus  
 Carol Wiley Hellman, Fort Jennings  
 Charles Allen Henderson, Waynesville  
 Karen Lynn Henke, Cincinnati  
 Charlotte Kronemyer Hennacy,  
 Columbus  
 Joseph Bernard Herten, Cleveland  
 Patricia Ann Hester, East Liverpool  
 Philip Craig Hill, Columbus  
 Barbara Ann Hinkle, Willoughby  
 Roseanne Daniels Hirsch, Columbus  
 Cheryl Davis Hoagland, Columbus  
 Barbara Teegardin Hochstetler, Lima  
 Marcia Wynn Hodges, Cincinnati  
 David Wesley Hoffman, Delphos  
 Sharon Elaine Hoffman, Caledonia  
 Randi Lee Hofius, Mineral Ridge  
 Thomas Hayes Holden, Columbus  
 Richard Allen Hollingsworth,  
 Columbus  
 Ellen Louise Holmberg, Columbus  
 Virginia Ann Holmes, South Euclid  
 Molly Jane Holyross, Millersport  
 Roy Edward Hook, Wilmington  
 Becky Boiech Horn, Dover  
 Donald Martin Horn, Columbus  
 Elaine Rose Horning, Crestline  
 Nancy Gale Horwitz, Dayton  
 Glenna Louise Hoskins, Mogadore  
 Michael Roger Houchen, Columbus  
 Christine Arnold Howard, Columbus  
 Ernest Howard, Jr., Columbus  
 Kenneth Elbert Howard,  
 West Chester  
 Diane Eileen Hower, Columbus  
 Rebecca Lou Hubbard, Wooster  
 Richard Harmon Hubbard, II,  
 Mt. Gilead  
 Joyce Ramsey Hubbell, Columbus  
 Laurie Jane Huber, Bellefontaine  
 Mary Buffington Hudson, Grove City  
 Theodore Edward Huenke, Lima  
 Janice Jay Humphreys, Shelby  
 Jane Holly Hunter, Dayton  
 Nancy Anne Hunter, Columbus  
 Elizabeth Jo Hurt, Granville  
 Linda Sue Hylton, Worthington  
 Patricia Lynne Hylton, Columbus  
 Sherry Ruth Hyman, Cincinnati  
 Tim Elmer Ihle, West Chester  
 John Herring Inscore, Mansfield  
 Ellen Isaly, Columbus  
 Candace Miller Jacobs, Columbus  
 Joslyn Jacobs, Cleveland  
 Mira Sharon Jacobs,  
 Great Neck, N. Y.  
 Zipora Jacobs, Cleveland  
 Pamela Ann Jagel, Brecksville  
 Ivy Ronda Jarett, Dover, N. J.  
 Rebecca Lynn Jaynes, Heath  
 Sara Marie Jeffers, Columbus  
 Georgianna Roby Jenkins,  
 Bellefontaine  
 Eleanor Leslie Jirik, Columbus  
 Cynthia Georganne Johnson,  
 Grove City  
 Frances Scott Johnson, Columbus  
 Jennifer Louise Johnson, Xenia  
 Robert Leon Johnson, Columbus  
 Gayle Ann Jones, Medina  
 Kathleen Elizabeth Jones, Ashtabula  
 Nancy Ackerman Jones, Columbus  
 Nancy Louise Jones, Columbus  
 Robert Allen Jones, Columbus  
 Sheila Lee Jones, Heath  
 Thomas Joswick, Wadsworth  
 Grant Nicholas Journell, Columbus  
 Dennis Carl Juliani, Independence  
 Nancy Jean Kadunc, Euclid  
 Romayne Tussey Kaffen, Columbus  
 Fredric Peter Kahl, West Islip, N. Y.  
 James Emmett Kaiser, Barnesville  
 Douglas E. Karst, Van Wert  
 Arthur Michael Kaufman,  
 Mayfield Heights  
 Judith Shipston Keener, Columbus  
 Kenneth Bruce Keener, Thornville  
 Kathryn Ellen Keirns, Bloomville  
 Carolyn Ritter Kellenberger, Gahanna  
 Denise Helene Keller, Lima  
 Mary Ann Kempert, Euclid  
 Debra Greene Kent, Columbus  
 Patrick Doyle Kent, Columbus  
 Cynthia Diane Kershaw, Kirtland  
 Ann Kracker Ketter, Gahanna  
 Daniel Duane Khoury, Columbus  
 Kenneth Paul Kibbey, Columbus  
 Carl Richard Kidd, Pataskala  
 Robert Daryl Kiess, Upper Sandusky  
 William Joseph Kipp, Hillsboro  
 Bridget Ann Kirby, Pittsburgh, Pa.  
 Nancy Caryn Kirschenbaum,  
 Cleveland  
 Paul Edward Kiser, Jr., Columbus  
 Nancy Lynn Klein,  
 West Bloomfield, Mich.  
 Susann Lee Klein, Shaker Heights  
 Susan Carol Kleiner, Cranford, N. J.  
 Marjorie Patricia Knowles, Akron  
 Dennis Craig Koehl, Columbus  
 Rosemary Ann Koehler, Morral  
 Deborah Dena Koltun, Columbus  
 Marjorie Sharrock Koontz, Mansfield  
 Diana May Kort, Solon  
 Kathryn Lynn Koscak, Parma  
 Karen Lynn Kosek, North Olmsted  
 \*Ingeborg Marianne Kossmann,  
 Columbus  
 \* Also Bachelor of Arts, Colleges of the Arts  
 and Sciences

Allan Dale Kovach, Grafton  
 Kay Thompson Kovaleski,  
 West Jefferson  
 Marilyn Joan Kovar, Brooklyn  
 Gary John Kowaleski, Fremont  
 Pamela Sue Kramer, Springfield  
 Lynda Elaine Kravitz, Dayton  
 Linda Kay Krock, Bucyrus  
 Ann Elizabeth Krotzer, Tiffin  
 Richard Blain Kuhn, Louisville  
 Karin Lynn Kulesza, Cleveland  
 Piia Anne Kull, Columbus  
 Nancy Ann Kurelic, Columbus  
 Barbara Janendo La Barre,  
 River Edge, N. J.  
 Timothy Arnold Lafferty, Columbus  
 Gary Martin Lago, Columbus  
 Cynthia Ann Lahke, Terrace Park  
 Edna Royal Lake, Mansfield  
 Linda Lichtenwald Lammon,  
 Lexington  
 Valerie Ann Lancia, Columbus  
 Mary Rachel Landon, Marion  
 Thelma Codling Lapham, Columbus  
 Deborah Carol Lapp, Chillicothe  
 Steven Anders Larson, Mansfield  
 Robert Eugene Lash, Crestline  
 Roberta Morris Lashaway, Columbus  
 Kathy Tam Lassen, Beachwood  
 Wanda Domicela Laszcz, Cleveland  
 Terry Lyn Lauderman, Dayton  
 Polly Gillmore Lauer, Columbus  
 Susan Jane Lawless, Worthington  
 Ann Louise Lawrence,  
 Bethel Park, Pa.  
 Lynda Lee Leary, Cincinnati  
 \*Larry Lee Leasure, Columbus  
 Janet Lynn Lederman, Akron  
 Dava Lynn Ledford, Blanchester  
 Robert Allen Lee, Columbus  
 Sally Ann Lee, Columbus  
 Keith Alan Lehman, New London  
 Denise Jeanine Lehoty,  
 North Royalton  
 Laurel Davis Leibbrand, Mansfield  
 Lewis Dean LeMaster, Columbus  
 Donna Lou Lemley, Belpre  
 Irene Strokin Lenhart, Lorain  
 Mary Jo Lennon, Cincinnati  
 John Clay Leonard, III,  
 Silver Spring, Md.  
 Mary Lee Catherine Leslie, Parma  
 Gary Joel Lester, Beachwood  
 Linda Jane Levine, Monroeville, Pa.  
 Rhonda Lynn Levine, Merrick, N. Y.  
 Arthur Stephen Levy, Cincinnati  
 Laurie Meryl Levy, Union, N. J.  
 Dorothy Ohl Lewis, Findlay

Nancy Sue Libeskind,  
 Long Beach, N. Y.  
 Judy Hilary Lieber, Merrick, N. Y.  
 Linda Susan Lieboff, Merrick, N. Y.  
 Anne Campbell Lintala, Columbus  
 Linda Anne Lipp, East Palestine  
 Ann Hausman Lisk, Hilliard  
 David Gary Llewellyn, Columbus  
 Pamela Ann Lockwood, Newark  
 Richard James Lombardi, Lyndhurst  
 Gary Randall Lott, Columbus  
 Nancy Elizabeth Lotz, Columbus  
 Paula Lynn Loundy, Warren  
 Carol Ann Loveless, Worthington  
 Cheryl Ann Lovett, Cuyahoga Falls  
 Cynthia Ann Lowden, Toledo  
 Carol Campbell Lucas, Worthington  
 Renata Henley Lunt, Loudonville  
 Terri Ruth Lurie, University Heights  
 Marcy Lee Lych, Shaker Heights  
 Jean Bunde Magerkurth, Newark  
 Susan Moran Maggied, Waynesville  
 Anne Catherine Mahoney, Galion  
 Michelle Renee Malone,  
 Mayfield Village  
 Kathleen Mamais, Parma  
 Bruce Philip Mandel, Cleveland  
 John David Manifold, Reynoldsburg  
 Georgia Hitesman Maple, Columbus  
 Renee Aviva Marber,  
 Long Beach, N. Y.  
 John Perry Marchion, Fostoria  
 Marleen Marie Marcin, Cleveland  
 Sandra Lee Margolis,  
 Huntington Station, N. Y.  
 Marie Marinucci, Philadelphia, Pa.  
 Estelle Ida Mark, Cleveland Heights  
 Barbara Schaefer Marker, Toledo  
 Maryann Virginia Marks, Middletown  
 Victor Drew Martensen, Columbus  
 Denise Persohn Martin, Wellsville  
 Wendy Lee Martin, Lorain  
 Nancy Sue Massie, Marion  
 Marguerite Irene Massullo, Poland  
 Maureen Sue Mathey, Orrville  
 Cynthia McDonald Mathias, Coshocton  
 Susan Lynn Matthey, Steubenville  
 Deborah Jane Matthews, Springfield  
 Judith Abraham Mawhorr, Shelby  
 Julia Teresa Maxwell, Marion  
 Lynn Ann Mayer, Shelby  
 Leslie Lord McCarthy, Columbus  
 Robert Andrew McClelland, Xenia  
 Irene Prinz McConnell, Columbus  
 Leslie Ann McCreary, Columbus  
 Ernest Edward McDaniel, Cleveland  
 Monty Mel McDermit, New Bremen  
 Thomas Walter McGarity,  
 Worthington

Deborah Diane McGraw, Bucyrus  
 Kenneth Leo McGuire, Columbus  
 Rebecca Sue McIntire, Mechanicsburg  
 Gloria Ellen McIntyre, Fairview Park  
 Christine Arnold McKee, Columbus  
 Kenneth Lewis McLaughlin, Columbus  
 James Patrick McMahon, Columbus  
 Teresa Gilmore McNelly, Columbus  
 James Nelson McQuown, Willard  
 Paula Jinnett McWherter, Lyndhurst  
 Cert. Grad. Dent. Hyg.  
 Josephine Antoinette Melaragno,  
 Cleveland  
 William Harpin Mellor, III, Piqua  
 Arleen Sue Mendelsohn,  
 Oceanside, N. Y.  
 Dorothy Bradford Merrilees,  
 Westerville  
 Kathleen Marie Metta, Parma  
 Catherine Nader Metz, Buckeye Lake  
 Deborah Ann Miley, Lake Orion, Mich  
 Bonnie Laura Miller, Wintersville  
 David Jon Miller, West Jefferson  
 Donald Paul Miller, Lima  
 Gregory Clarence Miller,  
 Columbus Grove  
 Janet Lynn Miller, Pickerington  
 Kathryn Lois Miller, Lima  
 Kathryn Matilda Miller, Terrace Park  
 Sandra Kay Miller, Cincinnati  
 Susan Melvin Miller, Columbus  
 Sharon Rose Minc, Cleveland  
 Anthony Missimi, Bellevue  
 Frances Joy Mizrahi, Patchogue, N. Y.  
 Cynthia Louise Molyet, Fremont  
 Cert. Grad. Dent. Hyg.  
 Barbara Lee Monson, Warren  
 Donna Jean Montgomery, Ada  
 Robert Francis Montgomery,  
 New Bloomington  
 Sue Montgomery, Eaton  
 Patricia Anne Moore, Columbus  
 Ross Luther Moore, Columbus  
 William Douglas Moore, Akron  
 Carol Hardesty Moran, Lima  
 James Dale Morgan, Chagrin Falls  
 James Alan Morris, Delphos  
 Marilyn Sue Morris, Hilliard  
 Robert Edward Morris, Columbus  
 Carole Marie Mort, Garfield Heights  
 Mark Allen Mortine, Newcomerstown  
 Diane Marie Morton, Sandusky  
 Blaine Eugene Moyer, Akron  
 Keith Paul Muchfeld, Montpelier  
 Kendra Rose Muir, Columbus

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

James Michael Mulholland, Columbus  
 Sandra Rarick Murphy, Bucyrus  
 Thomas James Mutchler, Genoa  
 Linda Kay Myer, Columbus  
 Susan Ann Myers, Rocky River  
 Virginia Kay Myers, Youngstown  
 Charlotte Pelkey Nagy, Ashland  
 Paul Joseph Naour, Cincinnati  
 Linda Dianne Nastaj,  
 Toms River, N. J.  
 Leonard Anthony Neeb, Columbus  
 Johanna Margaret Neeper,  
 Cridersville  
 Jeffrey Joseph Nelson, Columbus  
 Robert Frederick Nemzin, Chicago, Ill.  
 Richard George Neumeier,  
 Wapakoneta  
 Carol Ann Daugherty Neutzling,  
 Mansfield  
 Sherril Francis Newman, Belle Center  
 \*Nancy Patricia Nickell, Kettering  
 Mary Anne Nickles, Cambridge  
 Rebecca Jane Nicolette, Youngstown  
 †John Walter Niehaus, Delphos  
 Janet Ann Niemeyer, Columbus  
 Dale John Nienberg, Glandorf  
 Pamela Jane Noe, Marion  
 Kurt Leslie Nordquest, Ashtabula  
 Shirley Anne Norman, Cincinnati  
 Laurel Jean Norris, Bellville  
 Candace Josephine Obreza, Euclid  
 Dierdre Ann O'Brien, Columbus  
 Joyce McKirahan Ohler, Belle Center  
 Allan Olexa, Neffs  
 James Leslie Olian, San Mateo, Calif.  
 Sarah Ellen Ontko, Columbus  
 David Ralph Orcutt, Columbus  
 Francine Ordansky, Massapequa, N.Y.  
 Terry Lee Osborne, Hamilton  
 Cert. Grad. Dent. Hyg.  
 Joseph Mitchell Oser, Columbus  
 Kathie Lynn Owens, Waverly  
 Josie Mary Pagurut, Columbus  
 Pamela Lee Paine, Columbus  
 Dorothy Sue Painter, Zanesville  
 Barbara Ann Pall, Parma Heights  
 Vincent Ilwellyn Panzano,  
 King of Prussia, Pa.  
 Carole Anna Papirtis, Middlefield  
 George Andrew Parks, Columbus  
 Kathi Louise Parks, New Lexington  
 Marianne Brugner Patton, Columbus  
 Kenneth Herbert Paulson, Jr.,  
 Columbus  
 †Brenda Gail Pawloski, Marietta  
 John Frederick Paxton, Caldwell  
 Fayanne Plymire Peele, Martinsville  
 Robert Clive Peele, Martinsville  
 Craig Marshall Pentello, Columbus  
 Nancy Jean Perkins, Columbus  
 Ann Louise Perlman, Toledo  
 Julie Ann Perone, Columbus  
 Georgia Furdich Perron, Columbus  
 Shirley Ann Peterson, Westerville  
 Deborah Sue Burchett Pettit,  
 West Jefferson  
 Carol Linda Phillips, North Canton  
 Linda Joy Phillips, Columbus  
 Rhonda Lynn Phillips,  
 Oceanside, N. Y.  
 Thomas John Photos, Marion  
 B.A.  
 Nancy Leigh Pierce, Columbus  
 Elizabeth Sherwood Piper,  
 Scotia, N. Y.  
 Linda Ellen Piro, Cortland  
 David John Plisga, Cleveland  
 Bonita Smith Plymale, Columbus  
 Robert Allen Podobnikar, Euclid  
 John Bernard Pohle, Kettering  
 Karen Julia Pollack, Elmont, N. Y.  
 Janet Ponichtera, Dayton  
 Kathryn Susan Popp, Lexington  
 Denise Jo Porter, Columbus  
 Victor Leo Post, St. Henry  
 John Gregory Precht, Wauseon  
 B.A.  
 Robert Edward Preissle,  
 Cos Cob, Conn.  
 William Francis Prentice, Jr.,  
 Columbus  
 Lari Michele Preston, Newark  
 Jo Ann Frazier Price, Hilliard  
 Charles William Puckett,  
 Washington C.H.  
 Stephen Frank Puffenberger,  
 Columbus  
 Hannah Marie Pugsley, Lima  
 Merilee Sue Purvis, Worthington  
 Gayle Ann Querin, Willoughby Hills  
 Diana Hiss Quilter, Kenton  
 James Michald Rampe, Elida  
 John Russell Ranbarger, Columbus  
 Susan McJilton Ranbarger,  
 Columbus  
 Kim Arlyn Randall, Shelby  
 Marsha Louise Randall,  
 New Knoxville  
 Patricia Lee Rapier, Columbus  
 †Michael Paul Rarick, Columbus  
 Susan Russell Ray, Columbus  
 Robert Francis Reeko, Cleveland  
 Michael Francis Reding, Glenview, Ill.  
 Sharon Kay Reece, Mansfield  
 Carol Sherritt Reed, Columbus  
 Donna Purtee Reed, Columbus  
 Roger Dean Reed, Shelby  
 Susan Ann Rein, Milford  
 James Michael Reis, Columbus  
 Margia Turner Renner, Irwin  
 Deborah Ann Reynolds, Wayne  
 Janet Schmidt Rheinecker, Newark  
 Marcia Elaine Rice, Danville  
 Shirley Galvin Richey, Gahanna  
 Dona Jean Richolt, Bryan  
 Robert Alan Ridewood, Columbus  
 B.A.  
 Fredrick Dean Riley,  
 Summit Station  
 Robert Marvin Rinehart, Columbus  
 Christina Ann Risk, Lima  
 Luevoka Jean Roberts, Newark  
 James William Robertson,  
 Allison Park, Pa.  
 Bonnie Mae Robinson, Brunswick  
 Patricia Sue Robinson, Circleville  
 Paula Marlene Robinson, Mt. Vernon  
 Rebecca Jane Robinson, Mason  
 Sandra Lee Robinson, Mansfield  
 Karen Sue Robison, Martinsburg  
 Debra Susan Rocker,  
 Little Rock, Ark.  
 Renee Mel Rockoff, Springfield, N. J.  
 Gayle Fern Rollins, Cleveland Heights  
 Douglas Preston Romanoff, Toledo  
 Linda Susan Ronca, Allentown, Pa.  
 Edward Andrew Rose, Jr.,  
 Westbury, N. Y.  
 Jeri Ellen Rose, South Euclid  
 Linda Liebling Rosen, Columbus  
 Cheryl Lee Rosfeld, Youngstown  
 Karen Jean Ross, Lyndhurst  
 Cert. Grad. Dent. Hyg.  
 Tivos Clyde Ross, Columbus  
 Victoria Cambotti Ross,  
 McKeesport, Pa.  
 Nancy Lynn Roth, Akron  
 Ellen Sue Rothman, Beachwood  
 Barbara Lee Rowland, Warren  
 Martha Ellen Rowland, Granville  
 Cheryl Ann Rubenstein,  
 University Heights  
 Paul William Ruese, Jr., Wapakoneta  
 Anne Rusby, Richardson, Tex.  
 Cynthia Lynn Russell, Hilliard  
 Sherry Osborne Russell, Granville  
 Kathleen Frances Rutensky, Parma  
 Bonita Hastings Ruth, Prospect  
 Susan Leslie Rysben, Beachwood  
 Betty Ann Sabo, Canton  
 Ellen Marlene Saffer, Buffalo, N. Y.  
 Francine Myra Salit, Merrick, N. Y.  
 Gary Lee Sauter, Avon Lake  
 Linda Showalter Say, Van Wert  
 Gail Ellen Scharff, Atlanta, Ga.  
 Cindy Cornthwaite Scheel, Columbus

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Nancy Lower Scheetz, Columbus  
 Nancy Ellen Schickner, Columbus  
 Keith Norman Schlarb, Fresno  
 Gladys Elias Schlossman, Mansfield  
 Deborah Kay Schmahl, Mansfield  
 Cecilia Marie Schmeltzer, Newark  
 Michael Walter Schmidt, Cleveland  
 Marian Barrett Schnetzer, Columbus  
 B.S. (University of Dayton)  
 Mark Julius Scholtz, Cleveland  
 Jean Marie Schorger, Newark  
 Jeanine Eileen Schroeder, Parma  
 Susan Lynn Schroeder, Toledo  
 Jewel Bernice Schubert, Galion  
 Delores Miller Schultz, Piqua  
 Louis Adam Schultz, III, Sandusky  
 A.B. (Allegheny College)  
 Dale Lawrence Schwartz,  
 New Bremen  
 Michael LeRoy Scott, Columbus  
 Susan Irene Scott, Van Wert  
 Susan Jane Secrest, Columbus  
 Anita DeVictor Seipel, Columbus  
 Kathleen Ann Seiter, Prospect  
 Betty Luana Seitz, Columbus  
 Judith Hamilton Sentieri, Mansfield  
 Jean Mars Settles, Newark  
 Debra Keeton Shafley, Caldwell  
 Leslie Ann Shafran, Cleveland  
 Veronica Marie Shane, Richwood  
 Ellen Marsha Shapiro,  
 Parkersburg, W. Va.  
 Connie Sue Sharon, Columbus  
 Leslie Ann Sharrock, Columbus  
 Devra Marion Shaw, Columbus  
 Claudia Ann Shealy, Mt. Gilead  
 Anne McCullough Sheep, Marietta  
 Carolyn Claycombe Sheldon,  
 Columbus  
 Richard Lee Shepherd, Shelby  
 Suzanne Sheppard, Fairview  
 Carolyn Kay Sheriff, Ashland  
 Sandra Scott Shipp, Columbus  
 Larason Ray Shoemaker, Newark  
 Kathleen Gay Shultheis, Kettering  
 Rebecca Link Shumaker, Columbus  
 Virginia Turner Sickle, Columbus  
 Karen Siegman, Pittsburgh, Pa.  
 Nancy Bowman Silvius, Columbus  
 Robert Craig Simmons, Lima  
 Sharon Sue Sims, Columbus  
 Rosalie Maria Sirij, Columbus  
 Penny Renee Skolnik, Columbus  
 Anthony Stephen Skrabak, Bellaire  
 John Wesley Slagle, Columbus  
 Bonnie Hinda Slater,  
 New Hartford, N. Y.  
 Rebecca Sue Smalley, Jackson  
 Jeffrey Patrick Smallwood, Circleville

Katherine Marie Smeltzer, Columbus  
 Martha Davison Smith, Johnstown  
 Mary Patricia Smith, Lima  
 Michael Eugene Smith, Columbus  
 Victoria Margaret Smith, Englewood  
 Cert.Grad.Dent.Hyg.  
 Diana Rowe Snider, Marion  
 Loretta Westhoven Snyder,  
 Liberty Center  
 Norma Dunbar Snyder, Lima  
 Sandra Lee Snyder, Elmore  
 Pamela Sohl, Columbus  
 Helen Jesse Soifer, Hewlett, N. Y.  
 Jeffrey Andrew Soiu, Columbus  
 Nora Jane Sokol, Dayton  
 Deborah Ann Solovan, Martins Ferry  
 Phyllis Topolosky Solove, Columbus  
 Karen Jean Sosnowski, Kettering  
 Sharon Ann Sousley, Ada  
 Sara Ann South, New Albany  
 Marsha Lynn Sowash, Warren  
 Cert.Grad.Dent.Hyg.  
 James Theodore Spahr, Powell  
 Barry Joseph Spector, Paterson, N. J.  
 Thomas Kroener Speer, Worthington  
 Patsy Kay Spraw, Findlay  
 Janice Rose Sroubek, Hinckley  
 Deborah Nell Stacy, Columbus  
 Donna Carroll St. Clair, Pataskala  
 Lois Prunty Stevens, Columbus  
 B.A.  
 Donna Kay Stewart, Sidney  
 Linda Puckett Stickel, Columbus  
 Beverly Evans Stiles, Columbus  
 Sheri Lynn Stiles, Tallmadge  
 Nancy Pearl Stitzlein, Loudonville  
 Beverly Larason Stockberger,  
 Columbus  
 David Eugene Stocker, Columbus  
 Lauranna Marie Stoll, Newark  
 Janet Miller Stover, Columbus  
 Judy Lee Strauss, Marion  
 William John Streeter, Lakeside  
 Terry Eugene Streng, Columbus  
 Pamela Jeanne Stump, Lima  
 Judy Ann Sturgeon, Glenford  
 Linda Saxe Suffron, Columbus  
 Stephanie Christine Summers,  
 Oxford, N. J.  
 Kristine Marie Sweeney, Columbus  
 Mary Szluzer, Columbus  
 Jack Edward Tamburello,  
 Richmond Heights  
 Cathy Lynne Taylor, Steubenville  
 Mary Ellen Taylor, Walker, W. Va.  
 Sherre Lynn Taynor, Columbus  
 Maria Lana Teaford, Lima  
 Kathy Jane Tellman, Lorain  
 Sheryl Ann Tenenbaum, Canton

Randi Teres, Matawan, N. J.  
 Timothy John Thissen, Columbus  
 Davidine Thomas, Urbana  
 Deborah Hummel Thomas, Columbus  
 Denise Sue Thomas, Columbus Grove  
 David Lee Thompson, New Castle, Pa.  
 Diane Jean Thompson, Hanoverton  
 Kathryn Pugh Thompson, Lima  
 Nancy Kay Thorburn, Lima  
 John Richard Tilley,  
 Whitelake, Ont., Canada  
 Deborah Sue Todd, Zanesville  
 Michael Kevin Tomesek, Columbus  
 Ilene Sue Tonkel, Toledo  
 Barbara Chaney Tope, Mt. Sterling  
 Barbara Jean Toy, Columbus  
 Teresa Frye Traphagan, Columbus  
 Gregory Daniel Trudeau, Columbus  
 Christine Sorechy Trussell, Columbus  
 Mercedes Tuckey, Cleveland  
 Delores Johnson Turner, Columbus  
 Diana Gail Turner, Mansfield  
 Cheryl Turner Tussing, Delphos  
 William Eugene Tuttle, Kimbolton  
 Daryl Richard Uhde, Columbus  
 Stephen Reed Ulrey, Columbus  
 Willa Gene Valdez, Columbus  
 Nancy Lee Van Buskirk, Worthington  
 James Michael Van Fleet, Columbus  
 Ellen Lee Van Horne, Tenafly, N. J.  
 Nina Smith Van Syckle, Columbus  
 Emily Ann Vazquez, Galion  
 Ann Glansberg Verber, Columbus  
 William Eugene Vermillion, Lima  
 George Howard Vickers, Columbus  
 Susan Ilene Vine, Trenton, N. J.  
 Chris Tina Vogel, Terre Haute, Ind.  
 Ursula Goetz Vogel, Columbus  
 Karen Wiltshire Wade, Columbus  
 Angela Gitas Walker, Pittsburgh, Pa.  
 James Ross Wallace, Grove City  
 Carol Jean Wallisa, Indianapolis, Ind.  
 Pamela Jo Walpole, Grove City  
 Terence Joseph Walsh, Columbus  
 Carol Elizabeth Walter, Stow  
 Nancy Ann Ward, Cleveland  
 Joanne Lynn Wardle, Mansfield  
 Steven Paul Warner, Mansfield  
 Elizabeth White Warren, Columbus  
 Jeanne Susan Wayne, Urbana  
 Denise Adele Washburn, Columbus  
 James Harold Washburn, Columbus  
 Sandra Yvonne Waters, Columbus  
 Debra Jo Weaver, Mansfield  
 Thelma Murray Weaver, Mt. Vernon  
 Paula Jayne Webb, Sidney  
 Dawn Frances Weber, Akron  
 Susan Clare Weber, Portsmouth  
 Karen Sue Weeks, Columbus

James Carl Wehrman, Anna  
 Jean Ann Weiland, Shelby  
 Judy Lee Weiler, Cincinnati  
 Lisa Ann Weiner,  
 University Heights  
 Paul Lawrence Weingartner,  
 Mansfield  
 Etta Savage Weintraub, Lima  
 Gayle Ann Weisbrod, Canton  
 Debrah Weiss, Woodmere, N. Y.  
 Susan Ellen Weiss,  
 Belle Harbor, N. Y.  
 Barbara Gail Weissman, Columbus  
 †Robert Paul Welker, Columbus  
 Gary Michael Wells, Huntsville  
 Gerald Wayne Welsh,  
 Oshawa, Ont., Canada  
 Marianne Rose Wenger, Reynoldsburg  
 William Howard Werner, Sandusky  
 Karen Shrieves Wessel, Columbus  
 Charles Logan West, Circleville  
 Sharon Louise West, Cincinnati  
 Lorraine Westerfield, Brook Park  
 Caryl Ann Wheeler, Toledo  
 Mary Wheeler, Genoa  
 Linda Moore White, Columbus  
 Michael Reed White, Cleveland  
 Robert Dereck White, Columbus  
 Patricia Anne Wilcox, Columbus  
 Sandra Lee Wilday, Sheffield Lake  
 Everette Randolph Wilkerson, Jr.,  
 Portsmouth  
 Michael Dean Willard, Columbus  
 Brenda Reese Willhite, Columbus  
 Barbara Ann Williams, Glnford  
 Jeanne Frances Williams, Erie, Pa.  
 Glenn Robert Wilson, Cambridge  
 Janet Burkley Wilson, Worthington  
 Susan Kerr Wilson,  
 Birmingham, Mich.  
 Rebecca Ann Winterland, Dayton  
 Susan Marie Wiseman, Thornville  
 Deanne Knapton Witiak, Worthington  
 Kathleen Annette Wolf, Columbus  
 Paul Lee Wolfe, Plain City  
 Pamela Harp Wollam, Columbus  
 Carole Randi Wolsky, Evanston, Ill.  
 Deborah McNeal Wood, Columbus  
 Cheryl Buchwalter Woodard,  
 Columbus  
 Carol Orr Woodman, Youngstown  
 Cathy Lee Woodward, Lima  
 Carol De Stazio Workman, Columbus  
 Denice Dee Workman, Columbus  
 Mindy Barrar Worly, Columbus  
 Diane Sue Wulff, Toledo  
 Carolyn Elizabeth Wyatt, Cincinnati  
 Sara Elaine Wynn, Canton  
 Debra Diane Yager, Marion

Martha Anne Yale, Waynesfield  
 Diane Marie Yankush, Youngstown  
 Patrice Elaine Yessenow, Lima  
 Dennis Lee Young, Grove City  
 Jane Olivia Young, Willoughby  
 Jane Patricia Young, Columbus  
 Judith Dickinson Young, Columbus  
 \*Cary Joel Zabell, Columbus  
 Bernice Dorothy Zack, Columbus  
 Melissa Zarich, Youngstown  
 James Wayne Zarzeczny, Marion  
 Karen Marie Zelinski, Urbana  
 June Ann Zielinski, Parma Heights  
 Kathleen Ann Zimmerman, Columbus  
 †Karen Frances Zuga, Vienna

**Bachelor of Art Education**  
**Offered jointly by the**  
**College of The Arts and the**  
**College of Education**

**Bachelor of Art Education**  
 Thirty-four candidates

James Edward Allen, Mansfield  
 Shannon Springer Bardin, Columbus  
 Leslie Ann Stone Certner, Columbus  
 Rae Carol Cleary, Cleveland  
 Patricia Ann Click, Columbus  
 Ruth Chambers Cox, Columbus  
 Ann Suzan Dunker, New Washington  
 Frances Patricia Friedman,  
 University Heights  
 Monte Eugene Garrahrant, Columbus  
 † James Trent Hershman, Wadsworth  
 Leslie Diane Horvath, Trenton, N. J.  
 William Lee Jenkins, Centerburg  
 Nancy Ilene Joseph,  
 Valley Stream, N. Y.  
 Linda Eileen Judy, Columbus  
 Marcia Ann King, Zanesville  
 Diane Leslie Klein, Clifton, N. J.  
 Susan Limes Leonard, Columbus  
 Ann Marie Lester, Canfield  
 Debra Zee Magalnick, Roslyn, N. Y.  
 Carol Sue McCoy, Washington C. H.  
 Peggy Siegrist Miller, Westerville  
 Michelle Louise Muller, Glenview, Ill.  
 Janet Leigh Olney, Rochester, N. Y.  
 Elizabeth Dale Pfefferle, Columbus  
 Maureen Pitchon, Riverdale, N. Y.  
 Gary Lee Reichenbach, Columbus  
 Joseph Anthony Schreck, II,  
 Columbus  
 Margaret Gail Taylor, Columbus

Ruthanne Tocci, Columbus  
 Beverly Sue Tucker, Dayton  
 Carole Lee Walters, Dayton  
 Joyce Weakley Watkins, Newark  
 Diane Hammer Weaver, Columbus  
 Lynn Reiter Weinberg, St. Louis, Mo.

**Bachelor of Music Education**  
**Offered jointly by the**  
**College of The Arts and the**  
**College of Education**

**Bachelor of Music Education**  
 Twenty-nine candidates

Barbara Louise Baker, Columbus  
 Harold Dale Bradley, Georgetown  
 Roger Dean Brown, Worthington  
 Frances DiAnne Clay, Columbus  
 Mark Edwin Crandall, Sandusky  
 Susan Jo Easter, Columbus  
 Keith Alan Fifer, Springfield  
 Daniel Thomas Gendrich, Columbus  
 Sharon Cheek Grove, Delaware  
 Donald William Harman, Columbus  
 Larry Dee House, Barnesville  
 Mark Johnathon Hutsko,  
 Middleburg Heights  
 † Norman Edward Isaac,  
 Charleston, W. Va.  
 Lynne Elise Johnson, Medina  
 Jane Marie Kalb, Bucyrus  
 Barry Edward Kopetz, Columbus  
 Walter Robert Leonard, Logan  
 Gregory Eugene Mantor, Pataskala  
 Sue Ann Phillips, Dayton  
 Steven Cloyd Scherff, Mansfield  
 Linda Kay Shockey, Liberty Center  
 Patricia Louise Squeo, Columbus  
 Mark Clinton Stull, Homokus, N. J.  
 Rebecca Anne Tangeman, Coldwater  
 James Rodney Tolliver, Clayton  
 RaMarie Whipple, Columbus  
 Patricia Ann Wiencek, Parma  
 Deborah Esther Winland, Zanesfield  
 Ilona Margit Zbin, Cleveland

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

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

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

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

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Science in Aeronautical and Astronautical Engineering

Eighteen candidates

Elwood LeRoy Berry, III, Marion  
Mark T. Bottenfield, Chillicothe  
Anthony Joseph Coppola,  
Smithtown, N. Y.  
Micheal Allen Culp, Columbus  
Jonathan Byron Dann, Columbus  
David Robert Dearth, Columbus  
Kenneth Clarence Elchert,  
Wapakoneta  
Douglas Lee Howe, Columbus  
Thomas Keith Meier, Hudson  
Robert Edward Phillips,  
Orange, Conn.  
Daniel Lee Presser, Columbus  
Palle Rasmussen, Marblehead  
Charles Chester Renn, Defiance  
Gary Don Streyby, Columbus  
Charles John Thomas,  
Port Huron, Mich.  
Gary David Tretter,  
North Caldwell, N. J.  
Michael George Uccchino, Middlefield  
Bruce Emerson Wood, Columbus

### Bachelor of Science in Agricultural Engineering

Fourteen candidates

Stuart Fred Bruny, Columbus  
Paul William Chester, West Unity  
Carl Herman Gest, Grafton  
David Paul Gorby, Millersburg  
Donald Karl Grimes, Columbus  
Robert Eric Horn, Seven Hills  
Myron George Logan, Farmdale  
Thomas August Miller, Castalia  
Karl Fredrick Myers, Dalton  
Lavon Allen Riegel, New Paris  
Jay Warren Shutt, Ohio City  
George Allen Wallace, Columbus  
Paul Edwin Willis, Spencer  
Timothy Lee Yoder, West Liberty

### Bachelor of Ceramic Engineering

Two candidates

Robert Lee Antram, Columbiana  
Thomas Howard Booth,  
New Kensington, Pa.

### Bachelor of Science in Ceramic Engineering

Five candidates

Richard Eugene Fouts, Philo  
Scott Charles Hay, Poland  
Paul Dennis Prall, Belle Center  
Monty Ray Rieger, Dover  
William Rockland Welch, Columbus

### Bachelor of Chemical Engineering

One candidate

Paul Brown Mount, II, Columbus

### Bachelor of Science in Chemical Engineering

Twenty-nine candidates

Steve Matthew Benner,  
Springfield, Mo.  
John Scott Bierstoker, Columbus  
Richard Emin Blake, Beaver  
Vernon Glick Belender, Jr.,  
Lockbourne  
John Christopher Bost, Akron  
Sidney Eric Bowers, Troy  
Thomas Eugene Claugus, Barnesville  
Terry Lee Collett, Westerville  
David Alan Dargan, Columbus  
William Michael Fugel, Collins  
Arthur Edward Garavaglia,  
Cincinnati  
Clyde Ralph Garrett, Jr., Columbus  
B.S.  
John Craig Groves, Toledo  
Craig Alan Heselton, Columbus  
William Clifford Kraft, Cincinnati  
John Paul Kuch, Middlefield  
Eric James Linak, Brecksville  
Donald Grant Lorentz,  
Woodbury, N. J.  
Norman Franklin Lucas, Jr.,  
Columbus  
Bobby James Lumpkins, Bedford  
John Alfred Osterhage,  
Columbus Grove  
Bruce Allen Scamoffa, Hilliard  
Dale George Serian, Youngstown  
Thomas Edward Spriggs, Columbus  
Gary Robert Strickler, Columbus  
Samuel Shiu Jung Tam,  
New York, N. Y.  
Larry Donald Tanner, Columbus  
Johnny Oliver Wright, Radnor  
Paul Joseph Zevella, Youngstown

### Civil Engineer

Three candidates

John Hugh Hancock, Grove City  
B.S.C.E.  
Ricardo Tobias Sanchez,  
Clayton, N. M.  
B.S.C.E. (University of New  
Mexico)  
Stephen Emil Yannucci, Columbus  
B.S.C.E.

### Bachelor of Science in Civil Engineering

Thirty-nine candidates

Frank Wesley Anderson, Cambridge  
David Henry Artman, Jr., Columbus  
James William Bettis, Portsmouth  
Marcus Wayne Bloomfield, Bucyrus  
William Brian Burgett,  
Fredericktown  
Richard Lynn DeWitt, Delaware  
Edmund Andrew Dziubek, Lorain  
Gregory Eugene Evans, Columbus  
Charles William Flanigan, Jr.,  
Columbus  
Douglas Paul Fries, Indianapolis, Ind.  
Jerry Randolph Garrison, Arcanum  
Bernard Nathan Goldstein, Cleveland  
Michael James Haines, Hilliard  
Keith Martin Harshman, Forest Park  
Richard Walter Hilscher, Columbus  
Charles Robert Howard, Sabina  
Jeffrey Alan Hubbard, Bremen  
Dennis James Humbel, Norwalk  
Ignatius Po-Cheung Lam, Hong Kong  
Robert Lee Lloyd, Stryker  
Donald Franklin Lowry, Ashville  
Arthur Thomas Martin, Jr., Wooster  
Ronald L. Matthews, Westerville  
James Donald McCleary, Stow  
Thomas Joseph McDonald, Columbus  
Joseph Michael Morbitzer, Columbus  
Thomas Henry Printy, Fremont  
Steven Allen Rath, Columbus  
John Frederick River, Chillicothe  
Michael Jay Robinson, Lancaster  
Robert Kendall Sterling, Scio  
Edward William Ulle, Painesville  
Paul Kevin Urban, Jefferson  
Jeffrey Jay Veness, Marion  
Barry Willis Waites, Lancaster  
Ralph LeRoy Warne, Cambridge  
Richard Michael Williams,  
Cuyahoga Falls  
Gary Thomas Wiseman, Columbus

David Paul Wollenberg,  
New Lexington

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

Twenty-one candidates

Randy Allen Babb, Salem  
David Henry Bailey, Marion  
Charles Daniel Bergmann, Columbus  
Daniel Robert Blazer, Columbus  
Walter Ralph Conner, Columbus  
David Joseph Elchert, New Riegel  
Robert Winfield Francis, Columbus  
David Richard Hock, Columbus  
David Jay Holman, Columbus  
Dennis John Jurkovich, Westlake  
Neal Eduard Kaffen, Columbus  
Chai Kittipaibulsak,  
Garden City, N. Y.  
Thomas Jay Lentz, Columbus  
Ronald Kemp McCrea, Columbus  
Darrell Eugene Miller, Elida  
George Joseph Novotney, Cleveland  
Donald Richard Perkins, Columbus  
Charles Frank Rieder, Columbus  
Robert Francis Stech, Jr., Lyndhurst  
Sam Herrick Walker, Zanesville  
John David Warobiew, Brookfield

**Electrical Engineer**

Three candidates

Mohammad Ali Hadjimehdi,  
Tehran, Iran  
B.S. (University of Tehran)  
Nithad Krisnachinda,  
Washington, D. C.  
Diploma (Thornburi Technical  
Institute)  
James Joseph Rede, Columbus  
B.S. in Physics (University of  
Missouri)

**Bachelor of Electrical Engineering**

Four candidates

Edward Gudan, Lorain  
\*Thomas Lee Jones, New Albany  
Randolph Floyd Juillard, Columbus  
David Thomas Miller, Arcanum

**Bachelor of Science in Electrical Engineering**

Forty-nine candidates

Michael Eugene Anderson, Columbus  
John Douglas Binns, Columbus  
Paul Cowan, Urbana  
Curtis Woodward Davis, III, Toledo  
Joseph Henry Deeken, Columbus  
Steven Lloyd Eatherton,  
Upper Sandusky  
Paul Joseph Emmert, Thornville  
Thomas Daniel Flach, Marion  
Douglas Wayne Fowler, Columbus  
Robert Donald Fulton, Columbus  
Paul Joseph Goliver, Columbus  
Rene Francisco Guerra, Columbus  
Thomas Franklin Gueth, Greenville  
David Mark Hein, Worthington  
Robert Allen Horn, Dover  
Karl Raymond Inman, Columbus  
Gerald John Kaufman, Jr.,  
Broadview Heights  
Larry Edward Larson, Columbus  
Michael Allen Mahaffey, Columbus  
Enos Martin Martin, Selingsgrove, Pa.  
David Paul Metcalf, Lucas  
Dwight Lee Miller, Mt. Vernon  
Jerry Patrick Miller, Columbus  
Robert Lynn Miller, Mt. Blanchard  
James Bray Moore, Jr., Columbus  
Robert James Musal, Jr., Valley View  
Lynn Edward Neel, Navarre  
George William Neyman, Jr.,  
Columbus  
Joseph Allen Nicholls, Twinsburg  
Stephen Thomas Noffke, Cincinnati  
William Douglas Parsons, Uniontown  
Leslie Alan Paugh, Columbus  
Richard John Precario,  
Maple Heights  
Michael Francis Rafferty, Columbus  
Craig Stuart Robinson, Columbus  
David Michael Rzasa, Lynchburg, Va.  
Kevin Lee Schreiber, Columbus  
John Daniel Scott, Columbus  
John William Smith, Jr., Goshen  
Gregory Alan Stobbs, Springfield  
Eugene Raymond Strussion,  
Shadyside  
Thomas Harold Sunkle, Granville  
John Willis Testement, Columbus  
Simon Anthony Tritschler, Columbus  
Gerald Clayton Tucker, Marion  
David William Wise, Newark  
Terry Ock-Lee Yee, Columbus  
Stephen Allen Yoder, Kidron  
Gary Wayne Zimmerman, Cleveland

**Bachelor of Science in Physics**

One candidate

Austin Gale Young, Roseville

**Bachelor of Science in Engineering Physics**

Eight candidates

Don Edward Alexander, Trenton  
Kevin Rae Crosthwaite, West Chester  
Jan David Feder, Columbus  
Robert Leland Hall, Columbus  
Richard John Charles Kissel,  
Columbus  
James Edward Mack, Independence  
John Stephen Sensny, Parma  
John Wilson Steidley, Cincinnati

**Industrial Engineer**

One candidate

Noriyoshi Yokota, Nagoya, Japan  
B.A. (Keio University)

**Bachelor of Science in Industrial Engineering**

Sixteen candidates

Randall Lee Clady, Bucyrus  
Stephen Homer Crank, Columbus  
John Joseph Eyen, Cambridge  
Craig Lee Franz, Deshler  
Douglas Alan Harnett, Kinsman  
Edward Guy Hoskinson, Lancaster  
Benjamin Joseph Jones, Grove City  
Robert Dale Jones, Columbus  
Stephen Paul Kannan, North Olmsted  
Robert Charles Kevern, Columbus  
James John Marko, Mayfield Heights  
John Richard McLaughlin, Columbus  
Justin Joseph Murtz, Wapakoneta  
Larry Don Prince, Lorain  
Peter Atkins Schabo, Novelty  
Richard Louis Suckeck, Canton

**Mechanical Engineer**

Three candidates

Robby Engtjoan Jap, Columbus  
Sardjana Teknik (Bandung  
Institute of Technology, Indonesia)

\* Also Master of Science, Graduate School

Antoun Ibrahim Tawadrous, Sudan  
B.S. (Ain Shams University,  
Egypt)  
Larry Arthur Zielke, Columbus  
B.S.E.P.

#### **Bachelor of Mechanical Engineering**

One candidate

<sup>a</sup>Wesley Roland Cox, Cincinnati

#### **Bachelor of Science in Mechanical Engineering**

Forty-six candidates

Mark Joseph Albers, Maria Stein  
Robert George Berres, Delphos  
David William Boye, Columbus  
Richard Duane Bullock, Brookfield  
Thomas Allan Casciani, Ashland  
Neville Caulfield, Van Wert  
Jeffrey Arthur Cook, Columbus  
John Anthony DeFranco,  
Richmond Heights  
Eric Alan Devore, Lancaster  
Keith William Douglas, Berea  
Robert William Evans, Jr., Columbus  
Robert John Fogoros, Poland  
Gary Lynn Golicic, East Palestine  
Edward Joseph Gordon, Columbus  
John Francis Gray, Richmond  
Bruce Jan Hampton, Akron  
Joel Severin Hausser, Marietta  
Max Greer Herschler, Columbus  
Robert Richard Jackson, Newark  
Larry Paul Koutz, Columbus  
John Fox Krantzberg, Columbus  
John Raynerd Kraus, Columbus  
Danny Jerry Lanzdorf, Columbus  
Gregory Dale Lisk, Hilliard  
James Michael MacKay, Columbus  
Donald Oren Marshall, Columbus  
David Paul Mayes, Canton  
Paul William Meisel, Columbus  
Frederick Allen Merz,  
Riverdale, N. J.  
Earnest Alvin Metz, Quincy  
Richard James Nolan, Columbus  
Roger John Nowalk, East Springfield  
John Aelred O'Dea, Jr., Columbus  
Ellis James Pauter, Bryan  
Thomas Henry Reif, Dayton  
Jack Bentley Shaffer, Painesville  
Charles Wilbur Shifley, Galion  
Jack Edwin Smith, Uhrichsville

George Franklin Squires, Dayton  
Robert Murray Stanley,  
Martins Ferry  
Edwin James Taylor, Bryan  
Roger William Tuomala, Columbus  
Richard Quentin Wagner, Bellevue  
Rudolf Weber, New Philadelphia  
B.S.A.A.E.  
Barry Clark Williams,  
Niagara Falls, N. Y.  
Donald Thomas Worthington, Hudson

#### **Bachelor of Science in Metallurgical Engineering**

Eleven candidates

Mark Evans Armstrong, Mansfield  
Ernest Dewey Coberly, Jr., Canton  
Michael Page Crews, Columbus  
Thomas Frank Dindino, Lorain  
Christopher George Klapheke,  
Columbus  
Gene Edward Lee, Lima  
Roger Lee Lewis, Columbus  
Dalton Howard Lowe, Cincinnati  
Gary Murrel Reffit, Lucasville  
Richard David Tenaglia, Dublin  
Howard Neil Titer, Jr., Springfield

#### **Bachelor of Welding Engineering**

One candidate

Richard William Nelson, London

#### **Bachelor of Science in Welding Engineering**

Twelve candidates

F. Timothy Bacha, West Mifflin, Pa.  
Larry Clark Heckendorn, Columbus  
Richard Lyell Holdren, Little Hocking  
Curtis Lee Jones, Columbus  
Paul Richard Manley, Montpelier  
Frank H. Pressler, Uniontown  
Cari Edward Quinn, Jr., Columbus  
Michael Patrick Ryan, Columbus  
Peter Charles Siska, Independence  
Charles Keith Stalnaker, Columbus

Lawrence Robert Teichman, Cleveland  
Paul Arthur Tews, Columbus

#### **School of Architecture**

#### **Bachelor of Science in Architecture**

Thirty-nine candidates

Emmett Robert Barrett, Newark  
Michael Ralph Bensinger,  
West Bloomfield, Mich.  
Alan Bittman, Cleveland Heights  
Albert Michael Burkey, Columbus  
B.A.  
Sally Ann Cernik, Akron  
Richard Lyle Cooper, Worthington  
Jose Raul Cueto, Columbus  
James Joseph Armstrong, Columbus  
Robert Eng, Flushing, N. Y.  
Larry Eugene Folk, Columbus  
H. Bradford Green,  
Thunderbay, Ont., Canada  
Paul Stephen Hinders, Brookville  
Robert Christian Holz, Columbus  
Curt Guy Howard, Columbus  
Michael Joseph Ivancic, Hamilton  
Lynn Dean Johnson, Columbus  
Richard Joseph Kolhoff, Dayton  
Robert Vincent Lashaway, Columbus  
Barbara Ellen Luther,  
Schenectady, N. Y.  
Donald Lee Maxwell, Duncannon, Pa.  
Dennis Lee McDougle, Worthington  
Ronald Allen Miller, Youngstown  
Curtis Jerome Moody, Columbus  
Michael Paul Moosbrugger, Dayton  
Thomas Richard Mourhess,  
Corning, N. Y.  
Barton Joseph Nash, Dayton  
Steven Robert Normand, Columbus  
Charles James O'Brien, III, Columbus  
Robert Edward Olson, Columbus  
Michael Allen Oram, Columbus  
A.B. (Harvard College)  
Ward Peter Ponticelli,  
Manchester, Conn.  
Gary Robert Rutledge, Orrville  
Alfred John Spagnolo,  
Providence, R. I.  
Philip Alan Thomas, Columbus  
Frank Nelson Weber, Lorain  
Raymond Scott Weiss, Hillsdale, N. J.  
Michael Timothy Whaley, Ironton  
Ralph Harry Wolfe, Cincinnati  
James Michael Wright, Columbus

\* Also Master of Science, Graduate School

## College of Law

Dean: James C. Kirby, Jr.

### Bachelor of Science in Landscape Architecture

Twelve candidates

Ralph Anthony Bernard, III,  
Columbus  
Mark Christopher Fallon, Columbus  
David George Hickman, Grove City  
Janet Darner Lawver, Columbus  
Thomas Lee Long, North Canton  
Charles Gregory Muller,  
North Royalton  
Elmer Leroy Nelson, Amherst  
Ronald Walter Oprzadek,  
Middleburg Heights  
Leslie Lynn Rodman, Columbus  
Fredric John Tomasi, Canton, Mass.  
Dennis Wilbur Turner, Kettering  
Philip Eugene White, Canton  
B.S.Agr. (Ohio University)

### Juris Doctor

One hundred and eighty-four candidates

David Newell Abruzzo, Flint, Mich.  
B.A. (Michigan State University)  
John Rarey Allen, Ashland  
A.B. (Ashland College)  
Stephen Philip Allison, Akron  
B.S.Bus.Adm.  
Alan Garfield Anderson, Xenia  
B.S. in Ed. (Wright State University)  
Gordon Lee Ankney, Kettering  
B.S. in Bus.Adm. (Washington  
University)  
Robert Philip App, Philadelphia, Pa.  
B.A. (Valparaiso University)  
Richard Wayne Avery, Cincinnati  
B.A. (University of Cincinnati)  
Howard D. Bader, Riverdale, N. Y.  
B.A. (Adelphi University)  
Craig Douglas Barclay, Newark  
B.S.  
Samuel Logan Barile, Parma  
A.B. (Ohio University)  
Robert Leslie Beals, Cleveland  
A.B. (University of Michigan)  
Kit Robin Becker, Brooklyn  
B.B.A. (Ohio University)  
Alan Nathan Bellman, Toledo  
B.S. (University of Michigan)  
Charles Kirby Bennett, Granville  
B.A. (College of Wooster)  
Michael Eugene Bernard, Kenton  
B.A. (University of Notre Dame)  
Jeanette Elaine Bialczak, Columbus  
B.A.  
Marilyn Enroth Bird, Seattle, Wash.  
B.A. (University of Washington)  
James Russell Blake, Poland  
A.B. (Duke University)  
Stephen Andrew Bogenschutz, Xenia  
B.A. (University of North Carolina)  
David Alan Bowers, Toledo  
B.S.Ed.  
Harold Edmund Brazil, Columbus  
B.A.  
Trevor Keith Buehler, Dover  
A.B. (Wittenberg University)  
Jack Patrick Bunce, Lebanon  
B.S.Ed.  
Edward Benedict Buonopane,  
Summit, N. J.  
B.A. (Ohio University)  
John Andrew Burns, Columbus  
B.A.  
James Sternberger Cahn,  
Shaker Heights  
A.B. (University of Pennsylvania)  
Thomas William Carton, Jr.,  
Kettering  
B.A. (Bowling Green State  
University)  
Nick Vincent Cavalieri, Parma  
B.A., B.S.Ed.  
Andrew Knox Cherney, Fairfield  
B.A. (University of the South)  
Karen Gingrich Cherrington,  
Columbus  
B.S.Ed.  
Edward Louis Clark, Akron  
B.S.  
Jeffery Michael Clery, Palatine, Ill.  
A.B. (University of Notre Dame)  
Mark Barry Cohn, University Heights  
B.S.Bus.Adm.  
Oakley Clark Collins, Jr., Ironton  
A.B. (Ohio University)  
Philip Monroe Collins, Athens  
B.S.Ed. (Ohio University)  
Tom Harvey Connolly, Columbus  
B.A.  
Robert Steven Connors, Aurora  
A.B. (Ohio University)  
Michael Dennis Cotleur, Lorain  
B.A., M.B.A. (University of  
Kentucky)  
Robert Lewis Crane, Jr., Akron  
B.A. (Miami University)  
Gary Wayne Crim, Dayton  
B.A. (New School for Social  
Research)  
John Alan Cumming, Dayton  
B.S. in Bus.Adm. (Bowling Green  
State University)  
Edward Charles Czopur, Youngstown  
A.B. (Youngstown State University)  
Joseph Thomas Dattilo, Akron  
B.A. (Kent State University)  
David William Davis, Columbus  
B.A.  
Frederick Edward Davis, Jr.,  
Yellow Springs  
B.A., M.A.

William John Davis, East Liverpool  
B.A.

Mark Decker, Columbus  
B.A. (Ohio Dominican College)

Mark Eugene DeLong,  
Cleveland Heights  
A.B. (John Carroll University)

Gregory Brian Denny, Maple Heights  
B.S. in BusAdm. (Washington  
University)

Gregory Scott DeWolfe, Defiance  
B.A.

Robert Arthur Dittman, Fremont  
B.A. (Northwestern University)

Philip Louis Dombey, Rocky River  
A.B. (Hillsdale College)

Allan Thompson Downen, Sidney  
B.A. (Vanderbilt University)

Bruce Lee Downey, Johnstown  
B.S.Bus.Adm. (Miami University)

Stanley Bruce Dritz, Euclid  
B.A.

David Michael Duwel, Dayton  
B.S. in Bus.Adm. (University of  
Dayton)

Drake William Ebner, Lima  
B.A. (Miami University)

Joseph Donald Epps, Jr., Akron  
B.B.A. (Ohio University)

William George Fischer, Columbus  
B.S.Bus.Adm. (Bowling Green State  
University)

Stephen Charles Fitch, Portsmouth  
B.A.

Stephen David Freedman, Columbus  
B.S.Ed.

Marc Richard Friedman,  
New York, N. Y.  
B.A.

Daniel Karl Friend, Cleveland Heights  
B.A.

Richard Arthur Frye, Cuyahoga Falls  
A.B. (Wittenberg University)

Leslie James Garber,  
Los Angeles, Calif.  
B.A. (University of California at  
Los Angeles)

John Marshall Garmhausen, Sidney  
B.A. (Ohio Wesleyan University)

Michael Frederick George,  
Beckley, W. Va.  
B.S. Bus. (Virginia Polytechnic  
Institute)

Mary Jane Goldthwaite, Columbus  
B.A. (Smith College)

Geoffrey Steven Goll, Steubenville  
B.A. (Denison University)

Terry Lee Goodman, Canton  
B.A. (Otterbein College)

Mario Christopher Grant,  
North Olmsted  
B.A.

John Robert Grass, Allen Park, Mich.  
B.S. in Ed. (Central Michigan  
University)

Charles Owen Green, Columbus  
B.A.

Alden Edgar Gross, III, Salem  
B.A. (University of Notre Dame)

Robert Lee Guehl, Dayton  
B.A.

Alan Paul Gustafson, Gowanda, N. Y.  
B.A.

James Andrew Hammerschmidt,  
Moorestown, N. J.  
B.A.

Rodney Dean Hanson,  
Granite Falls, Minn.  
B.A. (Hamline University); M.A.  
(Ohio University)

Michael Martin Haran, Columbus  
B.A.

Thomas I. Hausman, Toledo  
B.A. (University of Colorado)

John Charles Hemphill, Clarinda, Ia.  
B.A. (Drake University)

Ronald Roy Henderson, Cleveland  
B.S. (United States Naval Academy)

Donald James Hilliker, Bellefontaine  
B.S.Bus.Adm.

Thomas Scott Hodson, Vandalia  
B.S.Jour. (Ohio University)

Wayne Paul Hohenberger, Defiance  
B.A. (Bowling Green State  
University)

Douglas Eivind Hoover, Worthington  
B.S.Bus.Adm.

Leonard Lima Hopkins, Jr., Columbus  
B.S.Bus.Adm.

Thomas Leslie Horvath, Columbus  
B.A.

James Parker Hunter, Jr.,  
Pepper Pike  
B.A. (University of Arizona)

Marc Bradley Inboden, East Sparta  
B.A. (Otterbein College)

Carl Andrew Ireton, Kettering  
B.B.A. (University of Notre Dame)

Simon Barry Karas, Lorain  
B.A.

Bernard LeRoy Karr, Conneaut  
B.S. in Ed. (Bowling Green State  
University)

George William Katz, Lakewood, N. J.  
B.S. (Fairleigh Dickinson University)

Michael Morris Katz, Canton  
B.A. (Purdue University)

Walter Kaufmann, Columbus  
B.S.I.E.

Donald Kennicott, Lexington, Tenn.  
B.A.

Terry Lee Kilgore, Bellville  
B.A. (Wittenberg University)

Peter Dyche Kinder, St. Clairsville  
A.B. (Princeton University)

Michael Joseph Kuhlman, Findlay  
B.A.

Philip Eugene Langer, Dayton  
B.A.

Alan Eliot Lebon, New Haven Conn.  
B.A. (Adelphi University)

Carlisle George Lewis, Jr., Zanesville  
B.A.

Gary Allan Lickfelt, Sandusky  
B.S.Bus.Adm. (Bowling Green  
State University)

Thomas Arthur Linton, Columbus  
B.A. (California State College at  
Fullerton)

Joseph Litvin, Dayton  
B.S.E. (University of Michigan);  
M.S. (University of Cincinnati)

Joseph John LoPresti,  
University Heights  
B.B.A. (University of Notre Dame)

Curtis Alan Loveland, Poland  
B.B.A. (Ohio University)

John Thomas Madigan, Toledo  
B.A. (University of Windsor)

Michael Stephen Marlin,  
New Castle, Pa.  
B.S. (Purdue University)

George Ray McCann, Springfield  
B.A.

Timothy Craig McCann, Dayton  
B.A.

Garnett Louise McDonough,  
Springfield  
B.S.Ed. (Wright State University)

James Dyer McIntire,  
South Charleston  
B.A. (Miami University)

Joe Gordon McKeever, Crooksville  
B.A. (Ohio University)

Thomas Craig McNinch, Trotwood  
B.A.

Martin Joseph Mehall, Shelby  
B.S.Bus.Adm.

Nancy Jane Melia, Columbus  
B.A.

Thomas Anthony Melvin, Columbus  
B.A., D.D.S.

Richard Lee Merkel, Dillonvale  
B.S.

James Elder Michael, Jr., Gambier  
B.A. (Amherst College)

Robert LaVerne Miller, Mansfield  
B.A.

Steven Alan Miller, Columbus  
B.A. (Denison University)

John Thomas Mills, Canton  
B.A. (Ohio University)

David Allan Monroe, Findlay  
B.A.

Robert Lee Mowls, Malvern  
B.A.

Jerry Karl Mueller, Jr., Lakewood  
B.S. (Case Western Reserve  
University)

Charles Dale Mullenix, Columbus  
B.S.Bus.Adm.

Timothy Edward Murphy, Columbus  
B.A.

Eugene Harold Nemitz, Jr., Jefferson  
B.A. (Wittenberg University)

Nancy Elizabeth North,  
Canal Winchester  
B.A.

Daniel Joseph O'Connor, Zanesville  
B.A. (Miami University); M.B.A.  
(University of Montana)

Fred McLauren Oxley, Ashland  
B.A. (Miami University)

David Alvin Penrod, Springfield, Va.  
B.A. (Bridgewater College)

Charles Michael Piacentino, Marion  
B.A. (University of Notre Dame)

William Raymond Polhamus, Piqua  
B.A. (Michigan State University)

Frederic Andrew Portman, Columbus  
B.S.Ed.

Joseph Potts, III, Rosemont, Pa.  
B.A. (Denison University)

Lawrence Dwight Pratt, Dayton  
B.A. (Miami University)

Richard William Quigley, Jr., Toledo  
B.A. (University of Toledo)

Frank Allen Ray, Dublin  
B.A.

Carl Albert Rayburn, Columbus  
B.A.

Terry Alan Redmon, Dayton  
B.A. (Wright State University)

Frederick Richard Reed, Lancaster  
B.A. (Harvard University)

Marvin Israel Resnik,  
University Heights  
B.B.A. (Ohio University)

Dana G. Rinehart, Columbus  
B.A.

John Joseph Ritchey, Fredericktown  
B.A. (Baldwin-Wallace College)

Herman Roy Rosenbusch, Columbus  
B.A.

Dan David Sandman, Cincinnati  
B.A.

Jesus Carruth Sandoval,  
Farmington, N. M.  
B.A. (University of New Mexico)

Ronald Jacob Scharer, Marion  
B.A. (Otterbein College)

John Morgan Schromen, Orrville  
B.A. (Capital University)

Roger Lee Selfe, Columbus  
B.A. (Ohio University)

David Craig Shade, Sunbury  
B.S. in Ed. (Ohio University)

Mark Canon Sholander,  
Shaker Heights  
B.A. (Cornell University); M.A.

James Darryl Sillery, Dayton  
B.A. (Wright State University)

Dennis Lyle Sipe, Lansing, Mich.  
B.S. (Michigan State University)

William Jeffrey Sitterley, Lancaster  
B.A. (Albion College)

Carmen Goldstaub Slominski,  
Lakewood  
B.S., M.A.

Zygmunt Gregory Slominski,  
Shaker Heights  
B.A.

Robert Bruce Snyder, Dayton  
B.A. (Yale University)

Alexander Morris Spater,  
Ardsley-on-Hudson, N. Y.  
B.A. (Lawrence University); M.A.  
(University of California, Berkeley)

William Albert Spratley, Wooster  
B.A. (College of Wooster)

John C. Stamatakos, Dayton  
B.S. (Miami University)

David Jay Sternberg, Cleveland  
B.S. (Miami University)

William Joseph Strapp, Urbana  
B.A.

William James Taylor, Zanesville  
B.A.

George William Thomas, Dublin  
B.A. (Marquette University)

Ernest Henry Thompson,  
Newark, N. J.  
B.A. (Kent State University)

William Louis Thorne, Kirtland  
B.A. (Kent State University)

Arthur Everette Thornton, Erie, Pa.  
B.A. (Pennsylvania State University)

Robert Henry Thurau, II,  
Kittanning, Pa.  
B.A. (Wittenberg University)

Douglas Milburn Toot, Youngstown  
B.A. (Duke University)

Gary Lee Tyo, Marion  
B.S.Ed.

Gerrit John Tysse, Chagrin Falls  
A.B. (Hope College)

William Wayne Weidaw, Newark  
B.B.A. (Ohio University)

Allan Joseph Weiner, New Castle, Pa.  
B.B.A. (University of Michigan)

Charles Eugene West, Coshocton  
B.A.

Charles Allen Whetstone, Wellston  
B.S.Ed.

Harry Woodrow White, Yorkville  
A.B. (Ohio University)

David Howard Williams, Columbus  
B.A. (Denison University); M.A.  
(Columbia University)

William Hunt Woods, Maumee  
B.S.Ed.

## College of Medicine

Acting Dean: Robert J. Atwell, M.D.

Mary Ellen Wynn, Cuyahoga Falls  
B.A.

William Ross Zerkle, Syracuse  
A.B. (Ohio University)

### Doctor of Medicine

Three hundred and forty-four candidates

Fred Martin Abramovitz, Cleveland

Glenn Edward Aldinger, Cincinnati  
B.S. (University of Cincinnati)

Martin Alvin Alpert, Akron  
B.S. (University of Akron)

Chester Anthony Amedia, Jr.,  
Hubbard  
B.A. (Kenyon College)

Harry Lowell Amsbary, Gallipolis  
B.S.

Gregg William Anderson, Toledo  
B.S.E. (University of Michigan)

Anne Cramer Andorn, Chagrin Falls  
A.B. (Case Western Reserve  
University)

Kenneth Lewis Andrus, Columbus  
B.S. (Marietta College)

Thomas John Antalik, Youngstown  
B.A. (Youngstown State University)

Roger Louis Antonelli, Cincinnati  
B.S. (University of Dayton)

Charles Ellis Aplin, II, Columbus  
B.A. (Ohio Wesleyan University)

Mark Leighton Apling, Oak Harbor  
B.S.

Terry Vincent Arnold, Xenia  
B.S. (Otterbein College)

Frederick Gray Asche, Portsmouth  
B.S. (Capital University)

John Namer Aseff, Cleveland  
B.S.

Richard Roy Augspurger, Dayton  
B.S. (Otterbein College)

Bruce Edward Babula, Fairview Park  
B.S. (University of Notre Dame)

Roger Edwin Baker, Warren  
B.A. (Hiram College)

William Alfred Baker, Beachwood  
B.S. (University of Vermont)

Frank Michael Baldauf, Delphos  
B.S.

Robert Merrill Ball, McGill, Nev.  
B. Eng. Phys. (Cornell University)

Richard Leon Banning, Farmdale  
B.S. (Ohio Northern University)

Robert Allen Baranek,  
Cuyahoga Falls  
B.S. (Saint Edward's University)

Janet Winifred Bay, Kilbourne  
B.S.

Craig Wesley Beachler, Clayton  
B.A. (Wittenberg University)

Stephen Lester Bell, Toledo  
B.A. (Northwestern University)

Edward Virdell Bennett, Jr., Dayton  
B.A. (Fisk University)

Joseph Carl Bennett, Portsmouth  
B.S.

R. Laurence Berkowitz, Youngstown  
A.B. (University of Michigan)

Michael Enrico Bernardino,  
North Canton  
A.B. (Case Western Reserve  
University)

Kenneth John Bescak, Lorain  
B.S. (Xavier University)

Michael Anthony Bianco,  
Cuyahoga Falls  
B.S. (University of Akron)

James Kenneth Billman, Jr.,  
Middletown  
B.S. (Michigan State University)

Anthony Gary Bitonte, Youngstown  
B.S.

Ross Rolland Black, II,  
Parma Heights  
B.A. (Muskingum College)

Edward Dowe Blackburn,  
Fredericktown  
A.B. (Miami University) ; M.S.

Douglas Lyle Blocker, Canton  
A.B. (Miami University)

John David Bond, Akron  
B.S.

Jack Branyon Booth, Zanesville  
B.S. (Otterbein College)

James Theodore Bowlus, Ferrysburg  
B.A. (Ohio Wesleyan University)

Robert Cameron Brethauer, Cleveland  
B.A. (Hiram College)

Phillip Mohler Brooks, Columbus  
A.B. (Miami University)

Laurence George Brown,  
Olmsted Falls  
A.B. (Earlham College)

Richard Coe Bump, Tiffin  
A.B. (Ohio University)

William Kerr Butler, Wellston  
B.S.

Ronald Roy Campbell, Toledo  
B.A. (Antioch College)

Bruce Carter, New Plymouth  
B.S.

Andrew Joseph Catanzaro, London

Dennis Ray Cebul, Euclid  
B.A. (Denison University)

Jeffrey Alan Chaitoff, Pepper Pike  
B.A. (Miami University)

Marvin Harvey Chasen, Dayton  
B.E.E. (City College, New York);  
M.S.E.E. (Air Force Institute of  
Technology)

Charles Robert Christopher, Dayton  
B.S. (University of Dayton)

William Ralph Cohen,  
Cleveland Heights  
B.S.

Kenneth Eugene Cole, Gallipolis  
B.A. (Cedarville College)

Ralph William Colla, Jr., Youngstown  
B.S.

Robert Elliott Collier, Dayton  
B.A.

Blaise Leo Congeni, Solon  
A.B. (Miami University)

Robert William Corwin, Dublin  
B.S. (Heidelberg College)

Anthony Joseph Costa, Ashtabula  
B.A. (Case Western Reserve  
University)

George Michael Cotterman, Wauseon  
B.S.

David Eric Cowall, Columbus  
B.S.

Robert Eugene Cowan, Alliance  
B.S.

John Francis Cullen, Jr.,  
Southport, Conn.  
B.S.

Lee Roy Davis, Minerva  
B.S. (Mount Union College)

Keyvn Ferry Deal, Columbus  
B.S.

Debbra-lyne Debaets, Worthington  
B.S. (Marietta College)

Kenneth Bernard Deck, Cincinnati  
B.S. (University of Cincinnati)

Paul Huston Dillahunt, II,  
Worthington  
B.S.

Paul Mansfield Doty, Westerville  
B.A. (Ohio Wesleyan University)

Gregory Joseph Dray, Warren  
B.S. (North Carolina State  
University)

Thomas James Drouhard, Loudonville  
B.S. (John Carroll University)

Walter Joseph Drugan, Jr., Ravenna  
B.S.

Henry Francis Drygas, Jr., Lorain  
B.S. (Hillsdale College)

Gerald Robert Ehrsam, Toledo  
B.S.

David Edward Eibling,  
Fort Lauderdale, Fla.  
B.S. (Capital University)

Larry Stephen Elliott, Columbus  
B.S.

Mark Richard Engelman, Columbus  
B.S.

Larry Stewart Everhart, Columbus  
B.A.

Stephen Thomas Faehnle, Columbus  
B.S.

Stephen Andrew Farkas, Akron  
B.S. (University of Akron)

Paul William Farrell, II, Zanesville  
B.S. (United States Air Force  
Academy)

Domenic Russel Federico, Cleveland  
A.B. (Case Western University)

Bruce Allen Fellows, Columbus  
B.S.

Joseph Martin Ferguson, Canton  
B.S. (University of Dayton)

Charles Wesley Ferris, Jr.,  
Olmsted Falls  
A.B. (Case Western Reserve  
University)

Mark Samuel Fettman, Canton  
B.S. (McGill University)

Eric Bruce Fisher, Wapakoneta  
B.S.

Neil Munro Flynn, Los Angeles, Calif.  
B.A. (University of California,  
Los Angeles)

Anthony Ernest Foley, Dayton  
B.S. (University of Dayton)

Louis Christopher Foley, Middletown  
B.S. (Xavier University)

Arthur William Fox, Cleveland  
B.A. (University of Rochester)

Theodore D'Eston Fraker, Jr.,  
Mansfield  
B.A. (Wittenberg University)

Deborah K. Franley, Jefferson  
B.A. (Hiram College)

Marc Irving Gaines, Toledo  
B.S. (University of Toledo)

Marjorie Curtis Gallagher, Columbus  
A.B. (Mount Holyoke College)

Robert Eugene Gardner, Dayton  
A.B. (Earlham College)

Michael J. Gast, Park Forest, Ill.  
B.S. (University of Illinois)

Marc Howard Gertner, Columbus  
B.S. (University of Michigan)

Robert Edward Gieringer, Dayton  
B.S. (Denison University)

Gary Lee Gillen, Bellefontaine  
B.S.

Bogomir John Glavan, Cleveland  
B.S. (John Carroll University)

James Morris Goldfarb, Cleveland  
B.A. (Miami University)

Joseph Aloysius Golish, Jr., Mentor

Eduardo Gustavo Gomez, Applecreek  
B.S.

William George Goodman, Findlay

Stephen Myles Gorman, Jr., Berea  
B.S. (John Carroll University)

Robert Arthur Gormley, Barberton  
A.B. (Cornell University)

David Carl Gundlach,  
Washington C.H.  
A.B. (University of Detroit)

Carol Miller Hagberg, Lakewood  
A.B. (Miami University)

Robert David Hagberg, Euclid  
A.B. (Miami University)

Harry Stephen Haluszka, Parma  
B.A. (Case Western Reserve  
University)

James Michael Hamilton, Columbus  
B.S.

Michael Kevin Haninger, Gahanna  
B.S.

Roy Edgar Harvey, III, Van Wert  
B.S. (Bowling Green State University)

James Allan Hayes, Piqua  
B.S. (University of Toledo)

Michael Riley Heaphy, Lima  
B.S. (University of Toledo)

Richard Scott Heath, Cincinnati  
B.S. (University of Cincinnati)

Sterling William Hedrick, Columbus  
B.S. (John Carroll University)

John Stephen Heisel, Marion  
B.A. (Ohio Wesleyan University)

William Dayton Henceroth, II, Grove City  
B.A. (Denison University)

Jack George Gilbert Hendershot, Jr., Canton  
B.S. (Capital University)

Ralph Frank Henn, Geneva  
A.B. (Cornell University)

William Chapman Holliday, Youngstown  
B.S.

Michael Dale Holmes, Sandusky  
B.A. (Ohio Wesleyan University)

Willa Ann Hsueh, Columbus  
B.S.

Roger James Hucek, Cleveland  
B.S. (Purdue University)

Stephen Francis Hudak, Youngstown  
B.S. (John Carroll University)

James Robert Hulls, Columbus  
B.A.

Gerald Francis Hulvat, Cleveland  
B.A. (Xavier University)

Letha Yurko Hunter, Weirton, W. Va.  
B.S., M.S., Ph.D.

William Ward Hunter, Jr., Coshocton  
D.V.M., M.S.

Charles Gary Hurst, Hamilton  
B.A. (University of Louisville)

Terry Lee Irwin, Canton  
B.S. (Yale University)

Arthur Russell Jacobs, New Rochelle, N. Y.  
B.S. (Union College)

Rebecca Smith Jaffee, Solon  
B.A. (College of Wooster)

William Louis Jaffee, Columbus  
B.A. (College of Wooster)

William Malcolm Jamieson, III, Worthington  
A.B. (Miami University)

Guy Vinje Jeanblanc, Springfield  
A.B. (Case Western Reserve University)

Phillip Dean Jeffers, Columbus  
B.A. (Miami University)

Thomas Frank Jenkins, Cincinnati  
B.A. (DePauw University)

Steven Lane Johnson, Cuyahoga Falls  
B.S. (University of Akron)

Robert Charles Jordan, Massillon  
B.S.

Philip Byron Kalman, Akron  
B.A. (Case Western Reserve University)

Robert Richard Kamps, Richfield  
B.S.

Steven Robert Kanner, Columbus  
B.S.

Steven Feld Kanter, Highland Heights  
B.A. (Kent State University)

Jeffrey Allan Kase, Cuyahoga Falls  
B.S. (Akron University)

James Michael Kasick, Cleveland  
A.B. (Kenyon College)

Kipp Verling Kastens, Kettering  
A.B. (Manchester College)

Sherman Allen Katz, Cleveland  
B.A. (Case Western Reserve University)

Russel Eugene Kaufman, Kenton  
B.S.

Zachary Allan Kaye, Beachwood  
A.B. (Miami University)

Don Emerson Keener, Farmersville  
B.S. (University of Dayton)

Michael Warren Keith, Cleveland  
A.B. (Case Western Reserve University)

Thomas Melvin Kessler, Greenville  
A.B. (Manchester College)

William Edward Kibbey, Columbus  
B.S.

Dale LeVerne Kile, Jr., St. Marys  
B.A. (DePauw University)

Bernard David King, Alger  
B.S. (University of Notre Dame)

David Lynn Klein, Coshocton  
B.S.

Richard Charles Klein, Greenville  
B.S.

Robert Joseph Klinger, Worthington  
B.S.

Charles Asa Koller, South Euclid  
A.B. (University of Michigan)

William Siegfried Koller, Jr., Kettering  
B.A. (Kenyon College)

Gregory Conrad Kotheimer, Bay Village  
B.S. (University of Dayton)

William Richard Krall, Hamilton  
B.A. (Miami University)

Barry Loren Kramer, Shaker Heights  
B.A. (University of Wisconsin)

Nelson Harward Kraus, Worthington  
B.S., M.S.

William Charles Krupski, Lorain  
A.B. (Wittenberg University)

Glenn Richard Kubina, Youngstown  
B.S.

Stephen Gabriel Kuruc, Richmond  
B.A. (College of Steubenville)

Terry John Kyle, Parma  
B.S.

Jack Darryl Kyman, Cleveland  
B.S.

Ronald Alfred Landefeld, Columbus  
B.A.

Alfred Thomas Lane, Dayton  
B.S. (University of Dayton)

Roberta Mary Langenkamp, Celina  
B.S. (University of Dayton)

Thomas LaVerne Lawrence, West Farmington  
B.S.

Larry Edward LeFevre, Fort Recovery  
B.S. (University of Dayton)

Albert John Lehmicke, Akron  
B.S. (University of Akron)

James Timothy Lehner, Toledo  
B.S. (University of Notre Dame)

Terrence Andrew Leingang, Dayton  
A.B. (Earlham College)

Donald Arthur Leopold, Huron  
B.S.E. (University of Michigan)

Gerd Charles Leopoldt, Toledo  
B.S. (University of Toledo)

- Alan Robert Levinstone, Jersey City, N. J.  
B.S. (Stevens Institute of Technology)
- Gary Dan Lichten, Akron  
B.S. (University of Akron)
- James George Limbert, Dayton  
B.S. (University of Dayton)
- Everett Raymond Lindsey, Kenton  
A.B. (Miami University)
- Stephen Moore Lindsey, Oxford  
A.B. (Miami University)
- Robert Lee Loychik, Warren  
B.A. (Youngstown State University)
- Kenneth Joseph Lucas, Garfield Heights  
A.B. (Case Western Reserve University)
- Anthony Ferdinand Lugo, Dayton  
B.S. (University of Dayton)
- Michael James Luzar, Girard  
A.B. (Youngstown State University)
- William James Lynch, Columbus  
B.S. (John Carroll University)
- Michael Stephen Mack, Toledo  
B.S. (University of Toledo)
- Alfred Parsons Magness, II, Coshocton  
B.A. (Denison University)
- Linda Joyce Magness, Coshocton  
B.A. (Denison University)
- ©Ronald Emery Mako, Willoughby
- Stuart Laurence Markowitz, South Euclid  
A.B. (Case Western Reserve University)
- Roxy Marrese, Jr., Akron  
B.S. (University of Akron)
- Jay William Marsh, Elyria  
B.A. (Ohio Wesleyan University)
- Thomas Hobbs Marsicano, Columbus
- Christopher Raymond Martin, Sandusky  
B.S. (Washington and Lee University)
- Michael Donald Maves, Toledo  
B.S. (University of Toledo)
- Thomas George Meeks, Columbus  
B.S. (Denison University)
- Anthony Joseph Melaragno, Cleveland  
B.S.
- Arne Melby, III, Chagrin Falls  
B.A. (Saint Olaf College)
- Paul Michael Mendelman, Columbus  
B.S.
- David Strauss Mendelson, Gates Mills  
A.B. (University of Michigan)
- Deborah Schaefer Mendelson, Berea  
B.A. (Vassar College)
- Mark Irwin Mentser, Columbus  
B.A.
- Howard Michael Miller, Dayton  
B.S. (Ohio University)
- Jacob Allen Miller, Hartsville  
B.A. (Eastern Mennonite College)
- Francis Michael Minch, Kettering  
B.S.
- William George Mishler, Cleveland  
B.S. (University of Dayton)
- Mark Aloysius Mitchell, Columbus  
B.A. (University of Notre Dame)
- James Peter Mondzelewski, Cleveland  
B.S. (University of Dayton); M.S.
- Larry Alan Moore, Shreve  
B.S.
- Stephen Henry Morenz, Cincinnati  
B.A. (Valparaiso University)
- Jerry Meldon Morgan, Copley  
B.S. (Ohio University)
- Susan Kay Morris, Canton  
B.A. (Case Western Reserve University)
- Samuel Lee Moses, Cleveland  
B.S. (Cleveland State University)
- Joseph John Mravec, Canton  
B.S.
- Arlynn Faye Mulne, Youngstown  
B.S. (University of Michigan)
- John Jackson Munsell, Mansfield
- Jay William Murphy, Canton  
B.A. (Denison University)
- Samuel George Murphy, Columbus  
A.B. (Duke University); M.S. (North Carolina State University); Ph.D. (Albany Medical College)
- Timothy James Myer, Canton  
A.B. (University of Rochester)
- Steven Naltsas, Akron  
B.S.
- Douglas Norman Naversen, Dayton  
B.S. (United States Air Force Academy)
- James Thomas Nicklay, Elyria  
B.S.
- Judith Garlough Nickras, Springfield  
B.S. (Bowling Green State University)
- Lawrence Joseph Nyeste, Barberton  
A.B. (Case Western Reserve University)
- David Walter Olson, Doylestown  
B.S. (Bowling Green State University)
- Jean-Pierre O'Neal, Columbus  
B.S. (Otterbein College)
- Beryl Macy Oser, Jr., Columbus  
B.A. (Miami University)
- Richard William O'Shaughnessy, Columbus  
B.S.
- Arthur Eric Ostergard, Cuyahoga Falls  
B.S. (University of Akron)
- Thomas George Oyer, Wapakoneta  
B.S.
- Marc David Paris, Cleveland Heights  
B.A. (Tulane University)
- John Patrick Parker, Wadsworth  
B.A. (Denison University)
- Edward Kenneth Partyka, Lorain  
A.B. (Case Western Reserve University)
- John Senff Patterson, Millersburg  
A.B. (Miami University)
- Harry Bartholomew Pearce, Brecksville  
B.S.
- Thomas Patrick Perone, Columbus  
B.S.
- George Michael Pipoly, Poland  
B.S.
- Thomas Andrew Ports, Columbus  
A.B. (Case Western Reserve University)
- John Elliott Pressler, Hamilton  
B.S. (University of Cincinnati)
- Paul Lawrence Quinter, Minster  
B.S. (University of Cincinnati)
- Thomas Michael Raabe, Delphos  
B.S.
- Patrick Louis Radecki, Toledo
- Thomas Edward Radecki, Toledo  
B.S. (University of Toledo)

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Raymond Leroy Raitz, Tiffin  
B.S. (Heidelberg College)

Michael Steven Rappoport,  
Cincinnati  
B.S. (University of Cincinnati)

James William Rautzen, Lyndhurst  
B.A. (Hiram College)

Clifford William Raymond, Columbus  
A.B. (Asbury College)

Roy Scott Ream, West Milton  
A.B. (Earlham College)

James Bruce Rector, Lakewood  
B.A. (Ohio Wesleyan University)

Douglas Allen Regula,  
Sulphur Springs  
B.A. (Ohio Wesleyan University)

Paul Alan Rehder, Grove City  
B.S.

Louis Henry Reiss, Gates Mills  
B.A. (College of the Holy Cross)

Michael Louis Rekart, Delphos  
H.A.B. (Xavier University)

William Jay Rheuban,  
Cleveland Heights  
B.A. (University of Rochester)

Donna Marie Richardson, Berea  
B.S.

Karen Sue Ritchie, Kettering  
B.A. (Graceland College)

Michael Graeme Robinson, Hamilton  
B.S. (University of Dayton)

Philip Alan Rogers, Piqua  
B.A. (Denison University)

David Michael Rose, Columbus  
B.S.

Gary Alan Roselle, Columbus  
B.S.

Fred Bruce Rosenberg,  
University Heights  
A.B. (Washington University)

Kenneth George Rosenthal, Euclid  
B.S.

Martin Rand Rosenthal, Akron  
A.B. (Indiana University)

Michael Roth, Columbus  
B.S.

William Shannon Rothermel, Jr.,  
Canton  
A.B. (Colgate University)

Paul David Ruff, Lancaster  
B.A.

Joseph Francis Savona,  
Brooklyn, N. Y.  
B.S. (Saint John's University,  
Brooklyn, New York)

Steven Ross Schelkun, Troy  
B.A. (Ohio Wesleyan University);  
M.S.

Edward Franklin Schlegel, III,  
Coshocton  
B.S.

Joseph Harold Schmidt,  
North Olmsted  
B.A.

David Paul Schroeder, Mansfield  
B.A. (University of North Carolina)

Joseph Charles Schultz, South Euclid  
B.S. (Ohio University)

Thomas Owen Schwab, Hamilton  
B.A. (Miami University)

Gary Stanley Setnik, Shaker Heights  
B.A. (Miami University)

Sedat Selajdin Shaban, Mansfield  
B.S.

Jay Hammond Shaffer, Greenfield  
B.A. (Dartmouth College)

Pamela Zadinsky Silver,  
North Canton

Dennis Robert Sinar, Elyria  
B.S. (Marquette University)

Roy Eugene Smith, Warren  
B.S.

Thomas George Smith, Akron  
B.S. (University of Akron)

Dennis Lee Spangler, Cuyahoga Falls  
B.S. (Akron University)

Mark Clarence Speelman, Crestline  
B.A. (Wittenberg University)

Ronald Lee Speidel, Canton  
B.S. (University of Cincinnati)

Lawrence Joseph Spoljaric, Niles  
B.S. (Ohio University)

Maureen Glatteman Stark, Trotwood  
B.A.

John Andrew Stith, Akron  
B.S. (United States Air Force  
Academy)

David Greenless Stockwell, Marietta  
B.S. (Marietta College)

George Aurel Streza, Fairview Park  
A.B. (Miami University)

Donald Louis Strobl, Cleveland  
B.S. (Cornell University)

John Howard Stuckey, Hamilton  
A.B. (Miami University); M.A.T.  
(Emory University)

John Richard Swartzel, Tallmadge  
B.S. (Ohio University)

James Edward Szymanski,  
Fremont  
B.S. (University of Notre Dame)

James Clifford Taddeo, Cleveland  
B.S. (Ohio University)

Thom Augustus Tarquinio,  
Reynoldsburg  
B.S.

Phillip Bernard Teitlebaum, Toledo  
B.S. (University of Toledo)

Bruce Richard Thomas, Alliance  
B.S. (University of Notre Dame)

Georgia Anne Thomas, Westlake  
A.B. (Smith College)

James Edward Thomasson,  
Smithfield  
B.A. (Ohio Wesleyan University);  
M.S.

Charles Lynn Thompson, Columbus  
B.S.

Jeffrey Allen Todd, Columbus  
B.S. (John Carroll University)

Maury K. Topolosky, Columbus  
B.S.

Leonard Joseph Torok, Parma  
A.B. (Case Western Reserve  
University)

Ronald Edward Traficant,  
Youngstown  
B.S. (Ohio University)

Robert Calvin Turner, St. Clairsville  
B.S. (Bethany College)

Gregory Stuart Uhl, Worthington  
B.A.

John Andrew Uhl, Findlay

David Orville Ulery, Springfield  
B.A. (Kenyon College)

Thomas Robert Vajen, Napoleon  
B.S.

Paul Francis VanAusdal, Dayton  
A.B. (Miami University)

Dean Wade Varian, East Canton  
B.S. (Mount Union College)

Phyllis Joan Visocan, Windham  
A.B. (Oberlin College)

Robert Sherwood Wagner, Columbus  
B.A. (Northwestern University)

Steven Michael Wagner, Toledo  
B.S. (University of Toledo)

Richard Frank Walker, Jr., Dayton  
B.S.

Pei Lien Wang, Fairport Harbor  
B.S. (Case Western Reserve  
University)

James Michael Ward, Jr., Loveland  
B.S.

Gregory James Warth, Canton  
B.S. (Ohio University)

Charles Howard Webb, Lima  
B.A. (College of Wooster)

Jacob Webel, Akron  
B.S.

Stephen James Weiler, Circleville  
A.B. (Miami University)

Verna Teresa Weinstock, Vincent  
B.S.

Alan Frank Weisenberg, Beachwood  
B.S. (University of Pittsburgh)

Stephen Mark Weiss, Beachwood  
B.A. (Washington and Jefferson  
College)

Abraham Weizenberg, Akron  
B.S. (University of Akron)

Michael Craig Welch, Columbus  
B.A. (Wittenberg University)

John James Wheller, Garfield Heights  
B.A. (Kent State University)

David Oscar Wiechers, Columbus  
B.S. (Capital University)

David Hall Wiedemer, Mansfield  
A.B. (Cornell University)

Samuel J. Williams, II, Columbus  
B.A. (Asbury College, Kentucky)

Jay Curtis Williamson, Niles  
B.S. (Ohio University)

Frank Edward Wilson, Columbus  
B.S. (University of Pittsburgh)

Stanley Clayton Wilson, Columbus  
B.S. (Ohio University)

James Bryan Wolcott,  
Cuyahoga Falls  
A.B. (Dartmouth College)

Stanley K. Yarnell, Wooster  
B.S.

Jeffrey Wayne Yatsu,  
Richmond Heights  
B.A. (Hiram College)

Daryl Hoak Yoder, Springfield  
B.A. (Anderson College)

James Richard Ziegler, Jr., Cleveland  
B.S. (Heidelberg College)

### School of Allied Medical Professions

#### Bachelor of Science in Allied Health Professions

One hundred and seven candidates

Marcella Ann Aceto,  
Wheeling, W. Va.

Anne Stolarski Amodio, Columbus  
Janis Wittmeyer Anthes, Springfield

Robert Eugene Baker, Moscow

Micaela Barbara Jean Banks,  
Avon Lake

Peter Douglas Bartkiewicz,  
Hamilton, Ont., Canada

Marilyn Sue Becker, London

Joy Ada Best, Tiffin

Alice Louise Bossen, Cuyahoga Falls

Brenda Marie Bossetti, Columbus

Julie Ann Brewer, Columbus

Linda Candel Brotherton, Columbiana

Margaret Ann Bruns, Yorkshire

Sharon Lee Coy, Wauseon

Marsha Kay Cummings, Columbus

Kathleen Riley D'Amico, Toledo

Connie Graham Dickerson, Delaware

Martha Jane Dickerson, Worthington

Marilyn Kay Dilsaver, Galion

Barrett Lindsey Dorko, Westlake

Kathleen Susan Dougherty,  
Tacoma, Wash.

Cynthia Jean Dovala, Youngstown

Mary Elizabeth Dudash, Dayton

Linda LaMonica Everly, Columbus

Mary Ann Fedun, Woodbridge, N. J.

Mark Joseph Fernandez, Louisville

Elaine Marie Filusch, Cincinnati

Phyllis Gail Fletcher,  
Fresh Meadows, N. Y.

Vicki Ann Flinn, Fairfield

Sandra Louise Flynn, Avon Lake

Kimberly Rue Focht, Columbus

Michael Alan Fried, Youngstown

Janet Wilson Gloeckner,  
Charleston, W. Va.

Elaheh Golji, Chillicothe

Irene Judith Golub, Alexandria, Va.

Daniel Ray Hall, Ravenna

Sandra Kanter Halprin,  
Cleveland Heights

Thomas Anthony Hampel, Middletown

Linnea Fowler Hopewell,  
Danville, N. H.

Marilyn Margaret Hribar, Euclid

James Leslie Hull, Mansfield

Donna Louise Jacobs, Dayton

Jesse David Jerome, Van Wert

Laurie McDonald Jessup, Akron

Helen Margaret Johansen, Cleveland

Richard Joseph Jurevic, Atlanta, Ga.

Barbara Louise Keller, Cincinnati

Robert Paul Kelley, Mentor

Patricia Sue Kendall, Cleveland

Linda Kay King, Washington C. H.

Alice Kortyna, Broadview Heights

Gerard Anthony Lageman, Columbus

Sandra Marie Letostak, Columbus

Shelagh Robertson Macpherson,  
Columbus

Norman Richard Marston,  
Worthington

Mary Jo McCowan, Marietta

Karen Hall Mears, Toledo

Michael David Mericle, Van Buren

Mark Frederick Miller, Columbus

Susan Elaine Miller, Lexington, Ky.

Robert Scott Modic, Euclid

Carla Mary Moon, Berlin Heights

Louise Marie Morozoff, Maple Heights

Cheryl Heischman Moyer, Fostoria

Gail Elizabeth Murchie,  
North Vancouver, B. C., Canada

Susan Stein Muskopf, Canton

Kathleen Louise Newman, Canton

Suzann Lorene Oakes, Lucasville

Barbara Shirley O'Brien, Dayton

Christine Frances Opeka,  
Norton Village

Brad Douglas Ostroff, Youngstown

John Julius Palazzo, Columbus

Krista Jean Paoletti, Columbus

Rebecca Ann Prendergast,  
Waynesville

Leslie Jeanne Reinman, Youngstown

Nancy Jean Renneker, Hamilton

Christopher Lee Riley, Stow

Mildred Joan Rinehart, Columbus

Victoria Marie Rinehart, Columbus

Janet Lee Schuster, Columbus

Cheryl Marie Seese, Canton

Miriam Grace Sell, Dayton

Charlotte Ann Simmonds, Cleves

Gary Dean Smith, Marietta

Patricia Jean Smith, Orrville

Kimberley Kay Somers, Mentor

Joyce Ann Springer, New Washington

Debra Caserta Stark, Marion

Linda Lee Stein, Bellville

Vicki Sue Stevenson, Galion

Jane Ann Strausbaugh, Columbiana

Rebecca Ann Swerlein, Sycamore

Delores Taylor, Cleveland

Patricia Anne Ternes, Elyria  
Daniel Bradley Terrell, Elyria  
Karen Stuart Terry, Rexford, N. Y.  
Daniel Jay Tscherne,  
Temperance, Mich.  
Michael Joseph Tuscan, Galion  
Patrice Anne Van Keuren, Wooster  
Valerie Jayne Vogel song, Ironton  
Patricia Ann Weaver, Hamilton  
Ann Elizabeth West, Marietta  
Douglas Harper Wickham, Delaware  
Mildred Melinda Williams, Waverly  
Barbara Anne Wingert,  
Fairview Park  
Sandra Rae Wohlever, Sandusky  
Mary Christine Zestermann,  
Cincinnati

#### **Certificate of Nurse Anesthetist**

Four candidates

Kenneth Charles Evec, Zanesville  
Patrick William Ferry, Kettering  
Penelope Ann Kettlewell,  
Clearfield, Utah  
Janice Louise Weiss, Cleveland

#### **School of Nursing**

##### **Bachelor of Science in Nursing**

One hundred and five candidates

Robyn Lee Alspach, Columbus  
Nancy Jean Amacher, Euclid  
Barbara Anderegg, Cincinnati  
Anne Jeanette Anderson, Columbus  
Barbara Jean Anderson, Glencoe, Ill.  
Mary Jane Andrews, Baltic  
Janet Carol Baker, Massillon  
Florence Hahl Balogh, Hilliard  
Susan Marie Basta, Macedonia  
Cynthia Caryl Baumbach,  
Fairview Park  
Christine Lee Bayless, Hudson  
Anne Elizabeth Beaver, Xenia  
Elizabeth Bricker Bokelman,  
Fort Wayne, Ind.  
Frances Elizabeth Boose,  
Monroeville  
Cynthia Anne Bosworth, Canton  
Loraine Ellen Brainerd, Stillwater  
Linda Suzanne Bross, Mansfield  
Gail Ann Burchfield,  
Red Bluff, Calif.  
Janet Rebecca Cheyfitz, Cleveland

Mary Patricia Clear, New Vienna  
Susanna Sloane Corbett, Gahanna  
Sheila Marie Cormany, Columbus  
Helen MacMahon Davidson,  
Springfield  
Molly McConnell DeHaas,  
Youngstown  
Stefanie Marie DeNiro, Youngstown  
Patricia Ann Dolan, Cincinnati  
Ruth Ingraham Donaldson, Columbus  
Marie Louise Eckenrode,  
North Canton  
Cheryl Ann Eichel, Dover  
Nancy Relf Elstun, Strongsville  
Denise Dominique Enterline, Oregon  
Susan Jane Feldscher, North Canton  
Alice Beck Forgrave, Wharton  
Bonnie McLaughlin Glandon,  
Columbus  
Carol Mount Halliday,  
Washington C.H.  
Ann Leslie Hamilton, Marietta  
Carolyn Joyce Hamilton, Caledonia  
Susan Kay Harshman,  
Cuyahoga Falls  
Kristina Margaret Hatas, Perrysburg  
Nancy Kaye Hinerman, Carrollton  
Loretta Johnson Holland, Canton  
Susan Kay Hootman, Pittsburgh, Pa.  
Lynn Norma Huemrich,  
Wilmington, Del.  
Pamela Jo Hull, Toledo  
Diane Elaine Hunt, Canton  
Betsy Sue Isner, Canton  
Karen Lynn Jeffers, Columbus  
Kathy Elizabeth Johnson, Eaton  
Laurie Elizabeth Kaps, Cincinnati  
Mary Kaufman, University Heights  
Constance Clark Killen, Centerville  
Cheryl Ann Klouzal, Garrettsville  
Mary Kathleen Kluznik, Mentor  
Susan Lynn Knierer, Centerville  
Sandra Michelle Konieczny,  
Miramar, Fla.  
Jill Lynn Kovarik, Perrysburg  
Nancy Sue Kramer,  
Clarksburg, W. Va.  
Rochelle Linda Kwait,  
University Heights  
Deborah VanSant Lavelle, Dayton  
Virginia Cline Livingston, Columbus  
Martha Marlene Lyon, Caledonia  
Jill Eva Manassa, Akron  
Mary Patrice McCarthy,  
Fairview Park  
Mary Susan McIntosh, Youngstown  
Nancy Mintz Melamed,  
University Heights

Vicki Jo Mizer, Delta  
Kathleen Elizabeth Montgomery,  
Delaware  
B.A. (Ohio Wesleyan University)  
Susan Jane Moore, Warren  
Molly Jean Moran, New Philadelphia  
Patricia Annis Murphy, Columbus  
Carol Boyd Myers, Columbus  
Susan Jacqueline Obreza, Euclid  
Zandra Ensminger Ohri, Zanesville  
Sheryl Gaye Pincus, Youngstown  
Nancy Clare Plessler, Gahanna  
Karen Lee Reiff, Mansfield  
Bernadette Marie Revta, Lorain  
Edward Joseph Ridolfo, Columbus  
Jo Anne Ritter, South Euclid  
Rebecca Suzanne Roof,  
Bowling Green  
Mary Constance Roubal, Kettering  
Janice Vivian Ryan, Waynesville  
Joyce Elaine Schnarrenberger, Tiffin  
Valerie Ann Scott, Amherst  
Margaret Stone Siemer, Salem  
Marie Olechovy Spero, Cleveland  
Sally Gwartz Steward, Shelby  
Karen Kay Strait, Bryan  
Nancy Rose Swank, Newark  
Sandra Ranttila Taylor, Columbus  
Molly Louise Thomas, Lancaster  
Debra Denise Thurber, Columbus  
Debra Allyn Trimble, Warren  
Diana Lee Turner, Columbus  
Linda Pyle Tuttle, Westerville  
Wanda Faye Wagers, Columbus  
Patricia Kay Watterson, Parma  
Rebecca Marie Weaver, Dorset  
Vickey Lee Weir, Dayton  
Sarah Deering Wells, Newark  
Constance Higley Wiener, Oregon  
Elizabeth Anne Williams, Barberton  
Bonnie Fae Williston, Plymouth  
Carla Diane Workman, Columbus  
Linda Ruth Zipp, Cleveland Heights

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

Forty-three candidates

Robert John Alexejun, Schofield, Wis.

Lawrence John Alto, Monroe, Mich.

Jerry Ray Burger, Akron

Michael Terry Cady, Pontiac, Mich.  
B.S. (Michigan State University)

Richard Thomas Corea, Niles  
B.A. (Saint Joseph's College, Indiana)

James Allyn Cox, Dover  
B.S.

Carl David Dodson, Zanesville

Terry Paul Duncan, Niles  
B.S. (Ohio University)

David Ralph Erhard, Pittsburgh, Pa.  
B.A. (Thiel College)

Ronald Lee Evilsizor, New Carlisle

Richard Thomas Fox, Mason  
B.S. (University of Dayton)

Robert A. Heacock, Cuyahoga Falls

Larry Chris Henry, East Brady, Pa.

Paul Stephen Hornik,  
Broadview Heights

Terry L. Huston, Napoleon

Dennis David Knowles, Chillicothe  
B.S.

Gregory Paul Kracher, Bear, Del.

Joseph J. Lasusky, Pottsville, Pa.  
B.S. (Pennsylvania State University)

Dennis Richard Laub, Bellevue

Marilyn Faye Leubitz, Akron  
B.S.

Milton Cornell Mason, Waterford  
B.S.

Michael C. McClay, Ottawa, Kan.

Thomas J. Moomaw, Sugar creek  
B.S.

Ronald Carl Nelson, Stow  
B.A. (Kent State University)

Daniel Joseph Niederkoehr,  
Upper Sandusky

David Lloyd Peters, Ithaca, Mich.

David Jay Reinow, New York, N. Y.  
B.A. (Hobart College)

Preston P. Richmond, Belpre

Mark Howard Rinkov, Columbus

Paulette Patricia Schmidt,  
Mt. Horeb, Wis.  
B.S.

Rolf D. Schooler, II, Caldwell, Id.  
B.S. (College of Idaho)

Joseph Samuel Serian,  
Fairmont, W. Va.

Brian Joseph Sheatzley, Cincinnati

Robert A. Skowbo, Hamilton

Robert David Spruance, Fairborn

David Kenneth Stewart, Alpha

Jeffrey Lyn Timko, St. Clairsville

Riley J. Turcott, Petoskey, Mich.

Glen Allen Whitehead, Bellevue

Gary L. Williams, Bay Village  
B.S.

Philip Marvin Wing, Cincinnati

Christopher John Wolf,  
Mechanicsburg  
B.S.Agr.

Jack Joseph Yager, Frankfort  
B.S. (Ohio University)

## College of Pharmacy

Dean: Lloyd M. Parks

### Bachelor of Science in Pharmacy

Sixty-three candidates

James Alan Baker, Louisville

John Joseph Bardin, Canton

Thomas Allen Bartley, Columbus  
B.S.

Patricia Griffith Bertheaud,  
Youngstown

George Michael Bescak, Lorain

Garry DeWayne Boyd,  
New Lexington

Edward Arthur Braytenbah,  
Kensington, Md.

Delbert Gordon Brown, Crestline

Beryll Gay Cohen, Dover

Steven Allen Couts, Port Washington

James Lewis Culberson, Grove City  
B.S.

Richard Dwight Dawson,  
Mingo Junction

Mary Tanoury Ellis, Zanesville

Thomas John Engle, Cincinnati

David Allen Fairchild, Columbus  
B.S.

Michael Robert Gecewich, Wickliffe

Steven Emery Guba, Cleveland

Frances Pim Hill, Salem

James Hartley Hill, Caldwell  
B.S. (Kent State University)

Edward Clarence Hohman, Caldwell

David Lynn Hopkins, Cortland

Anthony Iacobone, Columbus

Edward Frank Jirik, Jr., Columbus

David Stewart Joseph, Columbus

David Justin Kalis, Elyria

John Albert Kunze, Columbia Station  
B.S.

Silmond Lok, Columbus

Caprice Lipaj Mercer, Bay Village

Lynn Lee Michener, Eastlake

John Frank Mingo, Campbell

Nora Jean Moyer, Germantown

David Anthony Murray, Bellaire

## College of Veterinary Medicine

Acting Dean: C. Roger Smith, D.V.M.

Rebecca Susan Perdue,  
South Zanesville

Joseph Robert Pruneski, Maynard

Lynn Ellyn Roberts, Akron

Douglas William Rose, Columbus

Ora Randolph Rowland, Lyons

Christine Nettleship Ruffolo,  
Columbus

Robert Richard Ruffolo, Jr., Columbus

Dean Carroll Scarbrough, Findlay

Dale Lee Schultz, St. Marys

Melinda Lea Scilkop, Greenfield

Nicholas Andrew Shaw, Lancaster

Gregory Allen Sierer, Ironton

Sharyn Marie Smith, Galloway  
B.S.

Brent Devearl Snoke, Newark

Michael Allen Steele, Columbus  
B.S.

Janet Overly Swartz, Richwood

Gregory Walter Szelempa, Elyria

Ronald Keith Tobias, Dayton

James Henry Utah, Ridgway, Pa.

Paul Eugene Vandermark, Lancaster

Robert David Vorhes, Columbus

Elizabeth Winyard Wallace, Niles

Jeffrey Audubon Wallace, Ashland

Dale Alan Wolfley, Columbus

Jo Ann Jackson Wolfe, Cleveland

Dennis John Wolschleger, Wickliffe

Phyllis Yeager Young, Columbus  
B.A.

Richard Thomas Yowler, Columbus

Paul Hon Kwan Yu, Hong Kong  
B.S.

James Charles Zehner, Loudonville

Betty Hess Zito, Springfield

### Doctor of Veterinary Medicine

Ninety-three candidates

Larry John Anliker, Steubenville

Joe Stephen Bailey, Thornville

Gene Ray Balsler, Antwerp

Timothy Ralph Barman, Monroeville

John Michael Barnes,  
New Martinsville, W. Va.

Mark Alan Basinger, Columbus Grove  
B.S.Agr.

David Harold Bauman, Cincinnati

Robert Lee Baumann, Amherst  
B.S.Agr.

Thomas Charles Black, Perrysburg

Earl Myles Borash, Lynn, Mass.

John William Boros, Rocky River

Harold Leslie Brown, Xenia

James Wyatt Carmichael, Columbus  
B.S. (West Virginia University)

William Fredrick Cheney,  
Cleveland Heights

Gary Lee Clemons, Cincinnati  
B.S.Agr.

Judith McNally Clemons, Zanesville

Thomas Lee Cliffe, Poland  
B.A. (Youngstown University)

Paul Herbert Coe, Miami, Fla.

Joseph Albert Crock, Zanesville

Joseph William Crock, Jr., Louisville

Jack Robert Crow, Oregon

Douglas Earl Cunningham, Alliance

Ned Alan Cunningham, Marysville

Thomas James Cusick, Jr., Cleveland  
B.S.Agr.

Lonnie Lee Davis, Xenia  
B.S.Agr.

Norita Charlene Deckard, Dayton

David Joseph Donofrio, Akron

Samuel McMurray Fassig, York, Neb.  
B.S.Agr. (University of Nebraska)

Ivan Lee Fillmore, Macedonia  
B.A. (Antioch College)

Marcia Yale Fleming, Cincinnati

Lawrence Edward Forthofer, Avon

William Martin Gesel, Dayton  
B.S.Agr.

John Lawrence Green, Akron

Martin David Griffin, Bremen  
B.A. (Huntington College)

Paul Joseph Haas, Chardon

Richard Patrick Hackett, Jr., London

Clenric Guy Hancock, Lebanon

Betty Roseum Harper, Willoughby

Jerry Axton Harris, Brecksville

Sandra Johns Harris, Irwin, Pa.

Kenneth Shearer Hay, Columbus

Thomas Henry Herdt, Blacklick  
B.S.Agr.

Gary Rhoades Holfinger, Troy

Carroll Dean Howman, Mansfield  
B.S.

William Edward Iman, Jr.,  
Morgantown, W. Va.  
B.S. (West Virginia University)

Daryl Lynn Jacobs, Columbus  
B.S.

Robert Michael Kahan, Columbus

Charles Frederick Kalb,  
New Washington

Gary Lee Keller, Cincinnati  
B.S. (Eastern Kentucky State  
University)

Mary Constance Kelley, Worthington  
B.S.Agr.

David Robert Kluesener, Cincinnati

David Scott Kocher, Fairborn

Thomas David Kohler, Mansfield  
B.S.

Jack Parker Krebs, Wapakoneta

Michael Toby Lender, Columbus  
B.A. (Western Reserve University)

Steuart Hartshorne Ligon,  
Sandy Spring, Md.  
B.S.Agr. (University of Delaware)

Malcolm Clyde Loomis, Chardon  
B.S.Agr.

Arthur William Malernee, Columbus

Merritt William Marrs, Jr.,  
Lexington, Ky.  
B.S. (University of Kentucky)

Paul Edward Masters, Jackson

John Raymond Matlack, Parma  
B.S. (Cleveland State University)

Anthony Alson Matthews, Oregon

Thomas Edward McClain,  
Beaver Falls, Pa.  
B.S. (University of Kentucky)

Rocco Edward Mele, Youngstown

Keith Douglas Nicol, Eugene, Ore.  
B.S. (Oregon State University)

James Bennett Nold, Columbus

Lawrence Scott Papas, Canton  
B.S. (Bowling Green State  
University)

William Hervey Payne,  
Milford Center  
B.S.Agr.

William Ross Peery, Beckley, W. Va.

Rodney William Poling, Dunkirk

James Charles Prueter, Akron  
B.S.Agr.

William Machir Pyles, Maysville, Ky.  
B.S.Agr., M.S. (University of  
Kentucky)

Michael David Rosen, Bronx, N. Y.

James David Shaffer, Marysville

Robert Carroll Sheard, Jr., Xenia  
B.S.Agr.

Robert George Sherding, Jr.,  
Ridgewood, N. J.

John Wesley Shoup, Ashland  
B.A. (Wittenberg University)

Norris Kent Smith, Bay Village  
B.S.

William Frederick Snyder, Woodville

John Douglas Stevens, Loveland

Robert Paul Stewart, Marietta  
B.A. (Denison University)

Robert Carlisle Stout, Versailles, Ky.

Donald Robert Thurston, Columbus

Beatrice Irene Turk, Cleveland

James Robert Vanzant, Columbus  
B.S.Agr.

Robert Gene Vanzant, Hillsboro  
B.S. Nutrition

Shawn Noel Webster, Cincinnati

Mark Wiley Wells, Richwood

Stephen Drake Wenger, Columbus

Ricki Asia Whitacre, Beverly  
B.S.Agr.

George Anthony Wiseley, Alvada

Neil Alan Wiseley, Findlay

Lynn Douglas Yoder, West Liberty

## GRADUATES WITH HONORS

### SUMMA CUM LAUDE

Robert Clark Adams, Columbus  
Anne Jeanette Anderson, Columbus  
Diana Gay Ankrim, Chesapeake  
William Richard Aros, Lorain  
Alan Stuart Axelrod, Akron  
Robbie Lynn Ayers, Columbus  
Sharon Bailey, Elida  
Susan LaFleur Barnhart, Columbus  
Donna Eileen Barrington, Columbus  
Susan Marie Basta, Macedonia  
Gary R. Baughman, Zanesville  
Anne Elizabeth Beaver, Xenia  
Susan Kilbane Bergman, Columbus  
Susan Wolfe Blanke, Columbus  
Rosalyn Pearl Blogier,  
University Heights  
Vernon Glick Bolender, Jr.,  
Lockbourne  
Joanne Buckley, Worthington  
Richard Duane Bullock, Brookfield  
Jack Patrick Bunce, Lebanon  
Thomas William Carton, Jr.,  
Kettering  
Andrew Knox Cherney, Fairfield  
Janet Rebecca Cheyfitz, Cleveland  
Thomas Eugene Claugus, Barnesville  
Mark Barry Cohn, University Heights  
Tom Harvey Connolly, Columbus  
Marian Louise Cooksey, Utica  
Ann Elizabeth Corrigan,  
F. P. O. New York, N. Y.  
Robert John Cotman, Columbus  
Wesley Roland Cox, Cincinnati  
Gail Maxine Cumming, Dayton  
Jonathan Byron Dann, Columbus  
Gregory Scott DeWolfe, Defiance  
Floyd Dominic Dottavio, Massillon  
Marcia Hart Duval, Springfield  
Conrad Michael Eberle, Columbus  
Gary Michael Edelson, Manheim, Pa.  
Sandra Jill Emig,  
Valley Stream, N. Y.  
Patricia Marie Ennis, Columbus  
Gregory Eugene Evans, Columbus  
Jan David Feder, Columbus  
Frank James Federico, Seven Hills  
Christine Ann Fehst, Joliet, Ill.  
Jane Anne Firak, Brecksville  
David Wendell Foltz, Kettering  
Michelle Foltz, Westerville  
Robert Winfield Francis, Columbus  
Steven Farrell Friece, Columbus  
Wendel Mathew Friedl, Parma  
Norman Jean Fuerst, Euclid  
Robert Donald Fulton, Columbus  
Beth Ann Galbraith, Newark  
Gary Wayne Gammage, Columbus  
Arthur Edward Garavaglia,  
Cincinnati  
Karen Elizabeth Hansel Gehr,  
Columbus  
Gregory Goodman, Lakewood  
Edward Joseph Gordon, Columbus  
Leslie Frances Grand, Shaker Heights  
Judith Marcile Gueth, Greenville  
Richard Patrick Hackett, Jr., London  
Keith Martin Harshman, Forest Park  
David Mark Hein, Worthington  
Thomas Henry Herdt, Blacklick  
Max Greer Herschler, Columbus  
Craig Alan Heselton, Columbus  
Cheryl Davis Hoagland, Columbus  
Linda Rose Hoersten, Lima  
Ellen Louise Holmberg, Columbus  
Joyce Ramsey Hubbell, Columbus  
Cynthia Lou Huffman, Greenville  
Letha Yurko Hunter, Columbus  
Jamie Glunt Hutchinson, Columbus  
Jennifer Louise Johnson, Xenia  
Nancy Ackerman Jones, Columbus  
Gerald John Kaufman, Jr.,  
Broadview Heights  
Donald Kennicott, Lexington, Tenn.  
Mary Kathleen Kluznik, Mentor  
Susan Lynn Knierer, Centerville  
Marjorie Patricia Knowles, Akron  
Lynda Elaine Kravitz, Dayton  
James Gregory Kunkel, Cincinnati  
Thelma Codling Lapham, Columbus  
Dava Lynn Ledford, Blanchester  
Donna Lou Lemley, Belpre  
Paula Enid Litt, South Euclid  
Timothy Scott Logan, Perrysburg  
Curtis Alan Loveland, Poland  
Carol Ann Loveless, Worthington  
Dalton Howard Lowe, Cincinnati  
Mark Albert Macke, Cincinnati  
Bruce Philip Mandel, Cleveland

Marleen Marie Marcin, Cleveland  
 Betsa Joan Marsh, Cincinnati  
 Nancy Elizabeth Mason,  
     Cuyahoga Falls  
 Kenneth Lewis McLaughlin,  
     Columbus  
 Keith Edgar Mealy, Vienna  
 Karen Hall Mears, Toledo  
 Gary Mitchell Meckler,  
     University Heights  
 Jeffrey Dean Meyers, Cuyahoga Falls  
 Deborah Ann Miley,  
     Lake Orion, Mich.  
 Blaine Eugene Moyer, Akron  
 Thomas Lynn Mumaw, Dayton  
 Thomas Joseph Murphy, Columbus  
 Emerson Dale Nafziger, Archbold  
 Sherril Francis Newman, Belle Center  
 Edward Richard Niple, Columbus  
 Thomas Joseph Noon, Columbus  
 Ann Carey Ortman, Pittsburgh, Pa.  
 Dorothy Sue Painter, Zanesville  
 Charles Austin Parker, Dayton  
 Michael Anthony Pikos, Campbell  
 Richard Lee Prass, Dayton  
 Merilee Sue Purvis, Worthington  
 Frederick Richard Reed, Lancaster  
 Nancy Jean Renneker, Hamilton  
 Janet Schmidt Rheinecker, Newark  
 Jeffrey Leon Rhoad, Fostoria  
 Preston P. Richmond, Belpre  
 William Edward Riley, Berea  
 William Douglas Robertson, Granville  
 Craig Stuart Robinson, Columbus  
 Stephen Charles Rodeheffer,  
     Columbus  
 Virginia Mary Rodic, Lakewood  
 David Anthony Rogers, Dayton  
 Karen Jean Ross, Lyndhurst  
 Stephen Lawrence Ruedrich, Dayton  
 Paul David Ruff, Lancaster  
 Jewel Bernice Schubert, Galion  
 Dale Larry Schwartz, New Bremen  
 Steven Lee Scott, Mt. Vernon  
 Mark Louis Segal, Cleveland Heights  
 Anita DeVictor Seipel, Columbus  
 John Stephen Sensny, Parma  
 Robert George Sherding, Jr.,  
     Ridgewood, N. J.  
 Charles Wilbur Shifley, Galion  
 Nancy Bowman Silvious, Columbus  
 Robert Bruce Snyder, Dayton  
 Thomas Edward Spriggs, Columbus  
 John Wilson Steidley, Cincinnati  
 Anne Merrill Stewart, Columbus  
 John Eldridge Stinson, Hillsboro

Gregory Alan Stobbs, Springfield  
 Beverly Larason Stockberger,  
     Columbus  
 Eugene Raymond Strussion,  
     Shadyside  
 Raymond Joseph Studer,  
     New Washington  
 Janet Overly Swartz, Richwood  
 Mark Allen Sweikhart, Dayton  
 Thomas Wayne Tenwalde, Ottawa  
 William Andrew Thellian, Cleveland  
 Denise Sue Thomas, Columbus Grove  
 James Edward Thomasson,  
     Smithfield  
 James Rodney Tolliver, Clayton  
 James Leo Trigg, Delaware  
 Riley J. Turcott, Petoskey, Mich.  
 Diana Caskey Vaughan, Columbus  
 Ann Glansberg Verber, Columbus  
 Teresa Maria Vicario, Columbus  
 Rebecca Sue Vulgamore, Jasper  
 Susan Clare Weber, Portsmouth  
 Etta Savage Weintraub, Lima  
 Susan Hill Wettlaufer, Ashtabula  
 RaMaire Whipple, Columbus  
 Elizabeth Anne Williams, Barberton  
 Kathleen Mary Williams, Akron  
 Thomas James Worchester, Stow  
 James Michael Wright, Columbus  
 Sara Elaine Wynn, Canton

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN AGRONOMY

Rolf Lynn Wells, Warsaw

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN AMERICAN STUDIES

Barbara Merlo Talbott,  
    Milwaukee, Wis.

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN ANIMAL SCIENCE

Maxey Lee Wellman, Cincinnati

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN ANTHROPOLOGY

Suzanne Marie Langlois, Newark

SUMMA CUM LAUDE AND WITH DIS-  
TINCTION IN COMPARATIVE LITERATURE

Alice Ann Jardine, Dayton

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN ECONOMICS

Scott Powell McHenry, Cincinnati  
Alan Charles Stockman,  
Columbus

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN ENGLISH

Linda Faye Smith, North Canton

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN FOOD TECHNOLOGY

Maria Mon Zou Wei,  
Waterloo, Ont., Canada

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN FRENCH

Louise Diane Hock, Cincinnati

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN GEOLOGY  
AND MINERALOGY

James Edward Barrick, Centerburg

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN HISTORY

Kathleen Ann Sherman, Lima  
James Charles Wilson,  
Memphis, Tenn.

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN HOME ECONOMICS

Linda Arlene Pursley, Lebanon

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN HORTICULTURE

Paul William Meyer, Cincinnati

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN LINGUISTICS

Roberta Lane Fisher, Columbus  
Ruzica Kapetanovich, Powell

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN MANPOWER  
AND INDUSTRIAL RELATIONS

Thomas James Zenisek, Cleveland

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN MATHEMATICS

Patricia June Carstensen, Martin  
David James Vickers, Cincinnati

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN NATURAL RESOURCES

Carol Louis Fuhrman, Willowick  
Dale Stanton Plank, Elmore

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN PHARMACY

Robert Richard Ruffolo, Jr., Columbus

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN PHILOSOPHY

Eric Robert Bush, Wellsville

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN POLITICAL SCIENCE

Colleen McMahon, Columbus  
Carter Glasglow Phillips, Canton

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN PSYCHOLOGY

Derek William Schultz, Lexington

SUMMA CUM LAUDE AND WITH DIS-  
TINCTION IN SPANISH AND FRENCH

Carol Ann Becka, Newark

SUMMA CUM LAUDE AND WITH  
DISTINCTION IN ZOOLOGY

Winkler Gabriel Weinberg, Columbus

CUM LAUDE

Aazy Arthur Aaby, Canton  
Fred Martin Abramovitz, Cleveland  
Doris Lugosi Abrams, Chicago, Ill.  
David Newell Abruzzo, Flint, Mich.  
Rebecca Joanne Adams, Fairborn  
Nancy Ann Addison, Columbus  
Don Edward Alexander, Trenton  
Janenne Allen, Chillicothe  
Robert Philip App, Philadelphia, Pa.  
Richard Roy Augspurger, Dayton  
Richard Wayne Avery, Cincinnati  
Randy Allen Babb, Salem

Kathy Hofer Bachman, Columbus  
 Micaela Barbara Jean Banks,  
     Avon Lake  
 Craig Douglas Barclay, Newark  
 Samuel Logan Barile, Parma  
 Timothy Ralph Barman, Monroeville  
 Carol Lee Barnum, Columbus  
 Michael Simon Barson,  
     Cleveland Heights  
 Janet Winifred Bay, Kilbourne  
 Robert Leslie Beals, Cleveland  
 Melanie Jean Beck, Fairborn  
 Edward Virdell Bennett, Jr., Dayton  
 Jeanette Elaine Bialczak, Columbus  
 Marilyn Enroth Bird, Seattle, Wash.  
 James Russell Blake, Poland  
 Richard Emin Blake, Beaver  
 Daniel Robert Blazer, Columbus  
 Kathy Jo Block, Youngstown  
 Elizabeth Ann Blower, Grove City  
 Deborah Louise Booth, Youngstown  
 Brenda Marie Bossetti, Columbus  
 Dorothy Jane Bouillon, New Riegel  
 John Frederick Bowman, II,  
     Reynoldsburg  
 John Robert Boyle, Columbus  
 David Ray Brandau, North Canton  
 Susan Mitchell Breinich, Columbus  
 Michael Dale Brogan, Canton  
 Timothy Charles Brotzman, Madison  
 Delbert Gordon Brown, Crestline  
 James Rickey Brown, Jr., Portsmouth  
 Roger Dean Brown, Worthington  
 Margaret Ann Bruns, Yorkshire  
 Sherry Dawn Burk, Maumee  
 Georgia Connor Burns, Columbus  
 Eric Karl Busch, Tiffin  
 William Kerr Butler, Wellston  
 Ann Campbell, Mansfield  
 Anthony Joseph Carroll,  
     Falls Church, Va.  
 Jeffrey Hale Caufield, East Cleveland  
 Michael Paul Chapin, Pierpont  
 Karen Gingrich Cherrington,  
     Columbus  
 Roberta Lynn Chevrier, Columbus  
 Nancy Ann Christine,  
     Washington, N. J.  
 Michael Jeffrey Clark,  
     Grosse Pointe, Mich.  
 Richard Glen Cline, Grove City  
 James Alan Cloyd, Elida  
 Paul Herbert Coe, Miami, Fla.  
 Kim Jacob Coffman, Dayton  
 Donald Barry Cohen,  
     Forest Hills, N. Y.  
 Marlene Celia Cohen, Canton  
 Walter Ralph Conner, Columbus  
 Robert Steven Connors, Aurora  
 John Carl Cook, Jr., Van Wert  
 Kathleen Benson Cook, Columbus  
 Donald Paul Corley, Sandusky  
 Robert Eugene Cowan, Alliance  
 Kevin Rae Crosthwaite, West Chester  
 Thomas Eugene Crowl, Columbiana  
 John Alan Cumming, Dayton  
 Walter Martin Cummins, Cleveland  
 Ung Bieu Dam,  
     Cholon, South Vietnam  
 Barbara Ann Davis, St. Henry  
 Ruth Worley Dearth, Bellville  
 Mark Decker, Columbus  
 Molly Blythe DeHass, Youngstown  
 Gregory Brain Denny, Maple Heights  
 Richard Lynn DeWitt, Delaware  
 Martha Jane Dickerson, Worthington  
 Rosemary Ann Diltz, Columbus  
 David Nolan DiSalvo, Kettering  
 James Richard Donaldson, Columbus  
 Jonnie Quantz Donaldson, Columbus  
 James Gordon Douglas,  
     Cuyahoga Falls  
 Bruce Lee Downey, Johnstown  
 Barbara Susan Dungan, Columbus  
 Robert Allen Durbin, Columbus  
 Anna Jean Duva, Youngstown  
 David Michael Duwel, Dayton  
 Susan Jo Easter, Columbus  
 Merry Edison, Greenwich, Conn.  
 Jeffery Alan Eier, Upper Sandusky  
 Mark David Eisen,  
     North Miami Beach, Fla.  
 Nancy Relf Elstun, Strongsville  
 Brenda Weir Feder, Columbus  
 Gaye Lynn Flax, Washington C. H.  
 John Frederick Flory, Columbus  
 Robert John Fogoros, Poland  
 Linda Lou Frazier, Columbus  
 Stephen David Freedman, Columbus  
 Donald Lorry Freidenberg, Columbus  
 Catherine McLaughlin Frick,  
     Centerville  
 Linda Wolfcale Friemoth, Columbus  
 Robert Faye Funderburg,  
     Yellow Springs  
 John Joseph Gainor, Columbus  
 Janet Mae Galchick, Salem  
 William Joseph Gale, Columbus  
 John Marshall Garmhausen, Sidney  
 Allen Louis Gaspar, Whitehouse  
 Kathy Dee Gay, Columbus  
 Edward Frank Geneva, Akron

Michael Frederick George,  
 Beckley, W. Va.  
 Marc Howard Gertner, Columbus  
 John Joseph Gideon, Worthington  
 James Morris Goldfarb, Cleveland  
 Mary Jane Goldthwaite, Columbus  
 David Paul Gorby, Millersburg  
 Myreda Ruth Gorgas, Ashland  
 Ted William Grace, Scio  
 Alden Edgar Gross, III, Salem  
 Linda Jane Grubaugh, Galion  
 Robert Lee Guehl, Dayton  
 David Carl Gundlach,  
 Washington C. H.  
 Susan Geis Hackbarth, Columbus  
 Carol Miller Hagberg, Lakewood  
 Stephen Moler Haley, Columbus  
 Sandra Kanter Halprin,  
 Cleveland Heights  
 James Michael Hamilton, Columbus  
 Bruce Jan Hampton, Akron  
 James Warren Hanna, Ashtabula  
 Alan Jeffry Harlan, Ravenna  
 Scott Charles Hay, Poland  
 Robert Lewis Heacock, Columbus  
 Bonnie Lou Heckert, Kokomo, Ind.  
 Steven Boyd Helton, Englewood  
 John Charles Hemphill, Clarinda, Ia.  
 Linda Lee Himes Herschler,  
 Columbus  
 Norbert Horst Hertl, Columbus  
 Gene Harvey Heskett, Columbus  
 Donald James Hilliker, Bellefontaine  
 Carol Jean Hoelscher, New Knoxville  
 William Chapman Holliday,  
 Youngstown  
 Richard Allen Hollingsworth,  
 Columbus  
 Nancy Jean Hoovler, Fredericktown  
 Leonard Lima Hopkins, Jr., Columbus  
 Robert Allen Horn, Dover  
 Glenna Louise Hoskins, Mogadore  
 David Allan Hoyles,  
 Tupperville, Ont., Canada  
 Willa Ann Hsueh, Columbus  
 Nancy Anne Hunter, Columbus  
 Pamela Ann Hurst, Portsmouth  
 Stephen Brian Hutchings,  
 Yellow Springs  
 Patricia Lynne Hylton, Columbus  
 Tim Elmer Ihle, West Chester  
 Terry Lee Irwin, Canton  
 Norman Edward Isaac,  
 Charleston, W. Va.  
 Donna Louise Jacobs, Dayton  
 Anna Jacoby, Brooklyn, N. Y.  
 Angela Rose Jamison, Columbus  
 Jennifer Shelly Joffe,  
 Knoxville, Tenn.  
 Scott Weyburn Johnson, Columbus  
 Linda Cheryl Jones, Cuyahoga Falls  
 Thomas Lee Jones, New Albany  
 William Gary Jones, Muncie, Ind.  
 Dennis John Jurkovich, Westlake  
 Bernard LeRoy Karr, Conneaut  
 Russell Eugene Kaufman, Kenton  
 John Frederick Kaumeyer, Columbus  
 Barbara Louise Keller, Cincinnati  
 Richard Martin Kent,  
 West Hollywood, Calif.  
 Terry Lee Kilgore, Bellville  
 Steven Douglas Kilian, Waynesville  
 Peter Dyche Kinder, St. Clairsville  
 William Blackstone King, Jr.,  
 Aliquippa, Pa.  
 Bridgett Ann Kirby, Pittsburgh, Pa.  
 Michael Lynn Kissinger, Bradford  
 Sharon Leigh Kite, St. Clairsville  
 Christopher George Klapheke,  
 Columbus  
 Susann Lee Klein, Shaker Heights  
 Roger Lynn Kleinman, South Euclid  
 David Scott Kocher, Fairborn  
 Kay Thompson Kovaleski,  
 West Jefferson  
 Laurie Marie Kozar, Euclid  
 Joseph Michael Krak, Jr.,  
 Westerville  
 William Richard Krall, Hamilton  
 Robert Lynn Krasney, Beachwood  
 William Charles Krupski, Lorain  
 Michael Joseph Kuhlman, Findlay  
 Michael Kulesza,  
 Moorestown, N. J.  
 Michael Jay Kurman,  
 Freehold, N. J.  
 Kenneth Leroy Kurtz, Lima  
 Edna Royal Lake, Mansfield  
 Ignatius Po-Cheung Lam, Hong Kong  
 Kathy Tam Lassen, Beachwood  
 Jeffrey Richard Lavoy, Maumee  
 Terrence Francis Lenick, Mansfield  
 Robert Stephen Leopold,  
 Cherry Hill, N. J.  
 Mary Lee Catherine Leslie, Parma  
 Alan Robert Levinstone,  
 Jersey City, N. J.  
 Daniel Stewart Levy, Lima  
 Dorothy Ohl Lewis, Findlay  
 Thomas Arthur Linton, Columbus

James Joseph Little, Woodstock, Ill.  
 Robert Lee Lloyd, Stryker  
 Thomas Logan, Lorain  
 Eric Paul Loveman, Medina  
 William John Lutmer, Lebanon  
 Richard Michael Malone, Columbus  
 Patricia Veronica Markunas,  
 Garfield Heights  
 Michael Stephen Marlin,  
 New Castle, Pa.  
 Thomas Hugh Marshall, Salem  
 Thomas Hobbs Marsicano, Columbus  
 James Robert Martin, Georgetown  
 Maureen Sue Mathey, Orrville  
 George Ray McCann, Springfield  
 Timothy Craig McCann, Dayton  
 Michael Kent McCloud, Columbus  
 Mary Jo McCowan, Marietta  
 Ronald Kemp McCrea, Columbus  
 Joe Gordon McKeever, Crooksville  
 Thomas Craig McNinch, Trotwood  
 Paula Jinnett McWherter, Lyndhurst  
 James Elder Michael, Jr., Gambier  
 Dena Michaelson, Dayton  
 Darrell Eugene Miller, Elida  
 Steven Alan Miller, Columbus  
 Francis Michael Minch, Kettering  
 Eric William Moll, Kettering  
 Janet Thompson Mooney, Columbus  
 Keith Paul Muehlfeld, Montpelier  
 Michael Edwin Mueller, Euclid  
 Michael Steven Mull, Canton  
 Charles Gregory Muller,  
 North Royalton  
 John Jackson Munsell, Mansfield  
 Gail Elizabeth Murchie,  
 North Vancouver, B. C., Canada  
 Samuel George Murphy, Columbus  
 Sandra Rarick Murphy, Bucyrus  
 Andrew Joseph Murrer,  
 Rochester, N. Y.  
 John Robert Muskopf, Beach City  
 Linda Kay Myer, Columbus  
 Carol Boyd Myers, Columbus  
 Susan Ann Myers, Rocky River  
 Larry Allen Nance, Columbus  
 John Franklin Neale, III, Columbus  
 Eugene Harold Nemitz, Jr., Jefferson  
 Suzanne Marshall Nevius, Columbus  
 Richard Paul Newman,  
 Whitestone, N. Y.  
 Susan Elizabeth Newman, Columbus  
 George Richard Nickerson, Columbus  
 George Christian Nubel,  
 Cherry Hill, N. J.

John Julius Palazzo, Columbus  
 Patrick Lawrence Pancoast,  
 Birmingham, Mich.  
 John Patrick Parker, Wadsworth  
 Dennis Lee Parmer, Alexandria  
 Roger Warren Pelz, Richfield  
 David Alvin Penrod, Springfield, Va.  
 David Christopher Penzone,  
 Columbus  
 Aricio Porfirio Perez, Milford Center  
 Nancy Jean Perkins, Columbus  
 James Angelo Pernotto, Youngstown  
 Donald Theodore Perry, Columbus  
 Michele Frances Pervin, Toledo  
 Barbara Lynn Phillips, Warren  
 Timothy David Phillips, Springfield  
 Cathy Jane Pierce, Lima  
 Elizabeth Sherwood Piper,  
 Scotia, N. Y.  
 George Michael Pipoly, Poland  
 Bonita Smith Plymale, Columbus  
 John Bernard Pohle, Kettering  
 Rodney William Poling, Dunkirk  
 Frederic Andrew Portman, Columbus  
 Randall Wayne Potter, Kettering  
 Joseph Potts, III, Rosemont, Pa.  
 Richard Edward Prijatel, Cleveland  
 Deborah Denine Pryce, Warren  
 Charles William Puckett,  
 Washington C. H.  
 Paul Lawrence Quinter, Minister  
 Wayne Allen Rader, Wilmington  
 Michael Paul Rarick, Columbus  
 James Bruce Rector, Lakewood  
 Ronald Glen Reel, Canfield  
 Leslie Jeanne Reinman, Youngstown  
 Dana G. Rinehart, Columbus  
 Victoria Marie Rinehart, Columbus  
 John Charles Ringle, Tiffin  
 Carla Susan Rogers, Toledo  
 Daniel Edward Rohe, Cincinnati  
 Barbara Ann Rosenblum, West Hempstead,  
 N. Y.  
 Frances Hines Russell, Westerville  
 Glenn Harold Rutter,  
 Garfield Heights  
 Gary Allen Sahr, Columbus  
 Ann Maria Salimbene, Columbus  
 Dan David Sandman, Cincinnati  
 Gary Earl Sargent, North Royalton  
 Steven Cloyd Scherff, Mansfield  
 John Michael Schmarr, Columbus  
 William Henry Schmidt, Xenia  
 Maureen Joy Schoenberg, Akron  
 Ellen Ann Schwartz, Worthington

Sheila Scott, Ridgefield, Conn.  
 Roger Lee Selfe, Columbus  
 Michael Steven Serena, Brookville  
 Jean Mars Settles, Newark  
 Patrick Jan Shaffer, Mogadore  
 Ellen Marsha Shapiro,  
     Parkersburg, W. Va.  
 Carolyn Claycombe Sheldon,  
     Columbus  
 Jay Lee Shell, Phillipsburg  
 Randy Blackwood Shira, Columbus  
 Mark Canon Sholander,  
     Shaker Heights  
 John Wesley Shoup, Ashland  
 Margaret Stone Siemer, Salem  
 Constance Louise Simmons, Galion  
 Larry Wayne Simmons, Columbus  
 Philip Christian Simon,  
     East Palestine  
 Mehmet Sipahi, Columbus  
 Judith Ann Slavin, Beachwood  
 Carmen Goldstaub Slominski,  
     Lakemore  
 Andrew Charles Smith, Portsmouth  
 Jack Edwin Smith, Chrichsville  
 Patricia Jean Smith, Orrville  
 Roger Lee Smith, Columbus  
 Diana Rowe Snider, Marion  
 Gloria Everly Soliday, Columbus  
 Judith Frances Solomon,  
     Oceanside, N. Y.  
 Karen Jean Sosnowski, Kettering  
 Alfred John Spagnolo,  
     Providence, R. I.  
 Donna Carroll St. Clair, Pataskala  
 Charles Keith Stalnaker, Columbus  
 Keith Edward Stanovich, Hubbard  
 Linda Lee Stein, Bellville  
 David Jay Sternberg, Cleveland  
 Vicki Sue Stevenson, Galion  
 Nancy Ellen Strauss, Hamilton  
 Robert Elmer Stuart, Columbus  
 David George Swank, Zoar  
 Samuel Shiu Jung Tam,  
     New York, N. Y.  
 Sandra Ranttila Taylor, Columbus  
 Marcella Rose Teahan, Holyoke, Mass.  
 William Louis Thorne, Kirtland  
 Douglas Milburn Toot, Youngstown  
 Barbara Chaney Tope, Mt. Sterling  
 D. John Travis, Parma Heights  
 Robert David Turner, Marion  
 Susan Elaine Uhl, Millersburg  
 Ellen Lee Van Horne, Tenafly, N. J.  
 Jeffrey Jay Veness, Marion  
 Chris Tina Vogel, Terre Haute, Ind.

Ursala Goetz Vogel, Columbus  
 Thomas Edmund Wachunas, Alliance  
 Kathy Louise Walker, East Liverpool  
 Steven Daniel Walker, Westlake  
 Jo Ann Walters, Lima  
 James Michael Ward, Jr., Loveland  
 Joanne Lynn Wardle, Mansfield  
 Ronald Louis Warrick, Toledo  
 Gregory James Warth, Canton  
 James Carl Wehrman, Anna  
 Judy Lee Weiler, Cincinnati  
 Lynn Reiter Weinberg,  
     St. Louis, Mo.  
 Allan Joseph Weiner, New Castle, Pa.  
 Stephen Joseph Weiss, Columbus  
 Gary Michael Wells, Huntsville  
 Karen Shrieves Wessel, Columbus  
 Charles Allen Whetstone, Wellston  
 Harry Woodrow White, Yorkville  
 Ronald Gene Whitney, Fairborn  
 John Alan Whittington, Granville  
 Patricia Ann Wiencek, Parma  
 David Howard Williams, Columbus  
 Samuel J. Williams, II, Columbus  
 William Henry Willis, North Canton  
 Steven Harry Wimmers, Hamilton  
 Barbara Ann Wingert, Fairview Park  
 Deanne Knapton Witiak, Worthington  
 JoAnn Jackson Wolfe, Cleveland  
 Dennis Franklin Wolford,  
     Washington C. H.  
 Patricia Jean Wolkan, Alliance  
 William Hunt Woods, Maumee  
 Cathy Lee Woodward, Lima  
 Mindy Barrar Worly, Columbus  
 David Duane Wymore, Dayton  
 Suyun Yeh, Columbus  
 Lynn Douglas Yoder, West Liberty  
 Stephen Allen Yoder, Kidron  
 Jane Olivia Young, Willoughby  
 Karen Marie Zelinski, Urbana  
 Daniel Lee Zimmerman, Ludlow Falls  
 Linda Ruth Zipp, Cleveland Heights  
 Daniel Robert Zupancic,  
     Cleveland Heights

CUM LAUDE AND WITH DISTINCTION  
 IN AGRICULTURAL ECONOMICS

Tom Howard Robinson, Delaware

CUM LAUDE AND WITH DISTINCTION  
 IN AGRICULTURAL EDUCATION

Bernard Lee Ross, Mansfield

CUM LAUDE AND WITH DISTINCTION IN AGRONOMY

Harry David Slawter, Middleport

CUM LAUDE AND WITH DISTINCTION IN ANIMAL SCIENCE

Alvin William Burger, Hamilton

CUM LAUDE AND WITH DISTINCTION IN ENGLISH

Mona Lee Wise, Elyria

CUM LAUDE AND WITH DISTINCTION IN FRENCH

Gregory Aloysius Norton, Fremont

CUM LAUDE AND WITH DISTINCTION IN HISTORY

Ascenzo Ciotola, Columbus  
Susan Cary Prodel, Columbus

CUM LAUDE AND WITH DISTINCTION IN HOME ECONOMICS

Donna Ruth Cahill, Columbus  
Lynne Margaret O'Connell,  
Monterey, Mass.  
Nikki Lynn Schafer, New London

CUM LAUDE AND WITH DISTINCTION IN MUSIC

Margaret Jane Ahrens, Lakeside

CUM LAUDE AND WITH DISTINCTION IN POLITICAL SCIENCE

Michael Regan Hall, Columbus  
Ronald D. Lefton, Jamaica, N. Y.

WITH DISTINCTION IN AGRICULTURAL EDUCATION

Ronald Paul Dickerhoof, Louisville

WITH DISTINCTION IN ANIMAL SCIENCE

Kathryn Ann Hall, Ashland, Ky.  
Donald Wayne Long, Cincinnati

WITH DISTINCTION IN ANTHROPOLOGY

Bruce Probst, Haviland

WITH DISTINCTION IN BOTANY

Mark Schmitt, Columbus  
Michael E. Williams, New Vienna

WITH DISTINCTION IN COMPARATIVE LITERATURE

Timothy Charles Lloyd, Columbus

WITH DISTINCTION IN DAIRY SCIENCE

William John Lund, Norwalk

WITH DISTINCTION IN GENETICS

David Alan Evans, Johnstown, N. Y.

WITH DISTINCTION IN GERMAN

Richard Wayne Blevins, Columbus

WITH DISTINCTION IN HISTORY

Melanie C. Braithwaite, Westerville

WITH DISTINCTION IN JOURNALISM

Carin Condon, Milford

WITH DISTINCTION IN LABOR ECONOMICS

James Robert O'Dell,  
West Chester, Pa.  
Richard John Szczepaniak, Toledo

WITH DISTINCTION IN MICROBIOLOGY

Thomas R. Hutchinson, Brecksville

WITH DISTINCTION IN NATURAL RESOURCES

Thomas Henry Brunner, Lakewood  
Becky Stine Dickerhoof, Jenera  
Eugene Paul Hettel, Norwalk  
Donald Lynn Veazie, Granville

WITH DISTINCTION IN POLITICAL  
SCIENCE

Timothy J. Foran, Newark  
Daniel L. Manning, Columbus

WITH DISTINCTION IN PSYCHOLOGY

Sharon Lynn Mates, New York, N. Y.

WITH DISTINCTION IN RURAL  
SOCIOLOGY

John W. Burroughs, III, Miamisburg

WITH DISTINCTION IN SOCIAL  
SCIENCES

Vicki Lynette Shambaugh, Columbus

Page 590 Blank

Page 591 Blank

Page 592 Blank

INDEX TO OFFICERS AND EMPLOYEES

1972-1973

A		Christoforidis, Anthimos J. . . . .	299
Ainsworth, Marion L. . . . .	181	Coder, George D. . . . .	181
Alexander, Lucile B. . . . .	433	Cole, David W. . . . .	125
Alkire, Helen P. . . . .	478	Cornwell, David G. . . . .	479
Allison, Clyde C. . . . .	127	Craig, J. Forest . . . . .	465
Anderson, Donald P. . . . .	476	Cramblett, Henry G. . . . .	395
Anderson, Linnea . . . . .	126	Crepeau, George P. . . . .	125
Andrews, Deborah C. . . . .	299	Cuber, John F. . . . .	433
Andrews, William David . . . . .	211	Cunningham, Luvern L. . . . .	395
Archibald, Robert D. . . . .	8	Cunyngham, Jon S. . . . .	479
Arenson, Janet H. . . . .	299	D	
Armitage, Richard H. . . . .	476	Darby, Michael L. . . . .	126
B		Dean, Forest W. . . . .	455
Babcock, James C. . . . .	477	Deerwester, Beverly . . . . .	10
Balsizer, Leota L. . . . .	344	Devenow, Chester . . . . .	462
Barre, Henry J. . . . .	433	Devereaux, Alfred B. . . . .	434
Bartlett, Kay F. . . . .	299	Dillon, Merton L. . . . .	432
Baumer, Herbert Herndon . . . . .	164	Donaldson, Elvin F. . . . .	253
Beal, Jack L. . . . .	480	Dorfman, Leon M. . . . .	478
Beckman, Theodore N. . . . .	453	Dorsey, Robert S. . . . .	47
Beja, Morris J. . . . .	210	Duncan, Donald L. . . . .	126
Belkin, Johanna S. . . . .	8	Dunlap, John H. . . . .	47, 234
Bender, Ralph E. . . . .	478	E	
Benedict, Michael L. . . . .	433	Eberhart, Wilfred J. . . . .	127
Bibbee, Carl R. . . . .	455	Echelbarger, Mary Ellen . . . . .	237
Bininger, Carol J. . . . .	9	Eckley, Frederick R. . . . .	122, 428
Bogle, T. Roy . . . . .	10	Emans, Robert L. . . . .	125
Bolender, Elbert O. . . . .	417	Emery, Walter B. . . . .	465
Boone, E. Milton . . . . .	433	Enarson, Harold L. . . . .	122, 123, 164, 170, 201, 231, 345, 408, 421, 428, 435, 467
Bostwick, Arthur S. . . . .	127	Evans, Jack O. . . . .	478
Bower, Dian . . . . .	433	Ewing, William H. . . . .	478
Braden, Patricia A. . . . .	10	F	
Bremner, Robert H. . . . .	476	Fawcett, Novice G. . . . .	2, 48, 51
Brown, Regina Ann . . . . .	181	Firebaugh, Francille M. . . . .	395, 476
Burnham, John C. . . . .	344	Fisher, Sandra J. . . . .	126
Burns, Thomas J. . . . .	211	Foster, Sara Ann . . . . .	126
Burt, Gunta E. . . . .	477	Frank, Sylvan G. . . . .	126
C		Franklin, Ralph E. . . . .	180, 476
Cameron, Helen A. . . . .	433	Freeman, Inez M. . . . .	433
Casbergue, John P. . . . .	180	Fritz, Edna L. . . . .	395
Caswell, Lucy S. . . . .	300	Frymier, Jack R. . . . .	126
Chambers, Wilda G. . . . .	127		
Chang, Hao . . . . .	211		

G		Keyser, Ormann R. . . . .	166
Gamble, Byron E. . . . .	395	Kitchin, Paul Clifford . . . . .	43
Gilliland, Dale V. . . . .	418	Koenig, Charles J. . . . .	434
Gilmore, Doris E. . . . .	237	Kreitler, George W. . . . .	466
Giraldo, Julian E. . . . .	127	Krieger, Wolfgang . . . . .	432, 476
Glover, Henry H. . . . .	211	Kristoffersen, T. . . . .	125
Goleman, D. Lyle . . . . .	478	Kruse, Lorane C. . . . .	8
Gould, Ira A., Jr. . . . .	300	Kunkle, Lawrence E., Sr. . . . .	10
Graff, Karl F. . . . .	8	L	
Green, Mary Eloise . . . . .	211	Latiolais, Clifton J. . . . .	480
Gregory, Ian W. . . . .	479	Lawson, Wayne . . . . .	480
Griffiths, Margaret E. . . . .	344	Leggett, Ernest W. . . . .	427
Grossie, James A. . . . .	9	Lenahan, Norris E. . . . .	478
Gushman, John L. . . . .	294	Levine, Raphael D. . . . .	236
H		Lin, Michael . . . . .	477
Haas, Adolf . . . . .	456	Livingstone, John L. . . . .	211
Hamlin, Robert L. . . . .	476	Lloyd, Florence L. . . . .	167
Hanna, J. Marshall . . . . .	180	Long, James W. . . . .	478
Harkness, Kenneth A. . . . .	237, 477	Loory, Stuart H. . . . .	432
Hart, Ronald W. . . . .	433	Lord, Josephine Bye . . . . .	325
Harvey, Florence M. . . . .	10	Ludden, Franklin . . . . .	480
Haub, James G. . . . .	181, 254	Lycan, William G. . . . .	476
Heck, James B. . . . .	421	Lyle, Bonnie Lee . . . . .	181
Heintz, William D. . . . .	9	M	
Henning, George F. . . . .	457	MacLatchy, Josephine H. . . . .	255
Herman, Lawrence (Professor). . . . .	295	Macpherson, Colin R. . . . .	8
Hess, Lewis A. . . . .	479	Magg, Kyril P. . . . .	127
Heye, Helene . . . . .	434	Maguire, Frederick W. . . . .	434
Hilliker, Don M. . . . .	47, 427, 428, 462	Mahler, Kurt . . . . .	9
Hipple, Thomas E. . . . .	477	Malinovsky, Emil . . . . .	237
Hoffmann, Charles . . . . .	479	Malspeis, Louis . . . . .	480
Holy, Thomas Celestine . . . . .	458	Mand, Charles L. . . . .	180
Hughes, Daniel T. . . . .	211	Marantz, Kenneth . . . . .	480
Hunker, Henry L. . . . .	9	Marco, Salvatore M. . . . .	434
Hunt, Loetta Lovejoy . . . . .	165	Markel, Leona S. . . . .	435
J		Marsh, David C. . . . .	125
James, Clifford L. . . . .	434	Mate, Charles Frederick . . . . .	325
James, Patricia D. . . . .	122, 174, 294	McCaughey, Roy B. . . . .	10
Jennings, Nellie F. . . . .	478	McCormick, Naurine R. . . . .	299
Jennings, William E. . . . .	127	McCoy, James R. . . . .	344
Johnson, George R. . . . .	478	McDowell, John H. . . . .	478
Johnston, Vivian L. . . . .	237	McDowell, Joyce . . . . .	181
K		McMillin, Marjorie Pierson . . . . .	180
Karrer, Emmett H. . . . .	434	Mealy, Marjorie K. . . . .	237
Kearns, Clyde H., Jr. . . . .	478	Michael, Nicholas . . . . .	181
Kerr, Kathel A. . . . .	344	Miller, Arthur Herbert . . . . .	126
		Miller, Leonhard A. . . . .	299, 433
		Mislin, Guido . . . . .	477
		Morris, Nelle A. . . . .	359

Mote, Herbert G. . . . .	434
Moulton, Edward Q. . . . .	47, 427, 495
Mount, John T. . . . .	421
Murphy, Earl Finbar . . . . .	237, 432
Murphy, Joanne Wharton . . . . .	476
Myers, Theodore B. . . . .	299

N

Naber, Edward C. . . . .	479
Nelson, Gordon L. . . . .	478
Nelson, John W. . . . .	480
Nelson, William E., Jr. . . . .	479
Newton, Mildred E. . . . .	227
Nielsen, Harald Herborg . . . . .	326

O

Oster, Clinton V. . . . .	480
Ostrom, Thomas M. . . . .	432

P

Palmer, Dwight M. . . . .	127
Paravastu, Swamy A. V. B. . . . .	211
Parkinson, Richard W. . . . .	180
Penrod, Anne E. . . . .	435
Permar, Dorothy . . . . .	478
Peterle, Tony J. . . . .	479
Peterson, Alvah . . . . .	199
Peterson, David M. . . . .	9
Pfister, Robert M. . . . .	479
Polcyn, Alyce R. . . . .	477
Pollack, Ervin H. . . . .	44
Post, Peter W. . . . .	9
Powers, Thomas E. . . . .	236, 432, 479

R

Reese, Ellsworth E. . . . .	230
Reese, Robert . . . . .	480
Reynolds, Nancy M. . . . .	480
Rice, Edward L. . . . .	211
Rindfleisch, Noland J. . . . .	126
Ripley, Randall B. . . . .	479
Robeson, James F. . . . .	479
Robinson, David . . . . .	480
Rodowskas, Christopher A. . . . .	9
Rucker, T. Donald . . . . .	479
Ruzicka, Francis . . . . .	480
Ryan, Eunice . . . . .	230

S

Safford, William C. . . . .	427
Saunders, Elmo Stewart . . . . .	127
Schoen, Kathryn T. . . . .	125
Schwarz, Alan . . . . .	432
Sentieri, A. Richard . . . . .	477
Share, Oscar E. . . . .	300
Sharp, William Rodney . . . . .	126
Shocknessy, James W. . . . .	2, 47, 48, 49, 234, 294, 295, 426, 453, 495
Shook, William B. . . . .	8
Simmons, Peggy A. . . . .	300
Sirak, Howard D. . . . .	47
Sletto, Raymond F. . . . .	434
Sloan, Kenneth W. . . . .	432
Smith, C. Roger . . . . .	395
Stampe, David L. . . . .	9
Stewart, Maude A. . . . .	434
Swain, Marshall William . . . . .	477

T

Taiganides, E. Paul . . . . .	180
Tapscott, Alma F. . . . .	434
Terrill, Helen D. . . . .	237
Thompson, Ronald B. . . . .	433
Thurston, Marlin O. . . . .	478
Tien, H. Yuan . . . . .	432
Toops, Herbert Anderson . . . . .	167
Tucker, LeRoy M. . . . .	256

V

Varandyan, Emmanuel . . . . .	434
Velkoff, Henry R. . . . .	126
Venard, Carl E. . . . .	395
Volk, Garth W. . . . .	478

W

Wallschlaeger, Charles . . . . .	479
Warner, Myron H. . . . .	433
Warren, James V. . . . .	479
Wells, Inez Ray . . . . .	180, 434
Wessel, Judith A. . . . .	300
Whitney, D. Ransom . . . . .	480
Wigtil, James . . . . .	479
Williams, Catharine M. . . . .	435
Williams, Elmore O. . . . .	418

Wilson, Eva D. . . . .	181
Witiak, Donald T. . . . .	480
Wolf, Harold H. . . . .	476, 480
Wolf, Willard H. . . . .	434
Woodin, Ralph J. . . . .	434

Y

Yarrington, Paul T. . . . .	125
-----------------------------	-----

Z

Zahniser, Marvin R. . . . .	344
Zimmerman, Richard H. . . . .	8
Zwettler, Michael James . . . . .	477
Zwicky, Arnold M., Jr. . . . .	9

GENERAL INDEX

1972-1973 Minutes

A

Abbott Laboratories, North Chicago, Illinois . . . . .	246, 406
Accountant's Report on the University Dormitory Revenue Bond Funds . . . . .	231
ACTION, Washington, D. C. . . . .	149
Adler, Frederick R., New York, New York (Gift-in-Kind) . . . . .	194
Administrative Officials, Expenses for . . . . .	231
Administrative and Social Sciences, Division of . . . . .	342
Agency for International Development, Washington, D. C. (Grant) . . . . .	151
Agency for International Development, Washington, D. C. (Research Foundation Contracts) . . . . .	241, 349
Agency for International Development, United States of America, Washington, D. C. (Grant) . . . . .	347
Agency for International Development, United States Government, Washington, D. C. (Grants) . . . . .	30, 239
Agreements . . . . .	23, 249
Agricultural Administration Building, School of Natural Resources-- Renovations . . . . .	411
Agricultural Technical Institute - The Ohio State University . . . . .	124, 471
Agriculture, Department of, Agriculture Research Service, Hyattsville, Maryland (Research Foundation Grant) . . . . .	137
Air Condition Main Library . . . . .	319
Air Force, Department of, Air Force Office of Scientific Research, Arlington, Virginia (Research Foundation Grants) . . . . .	18, 136, 309
Air Force, Department of, Air Force Systems Command, Aerospace Medical Division, Brooks Air Force Base, Texas (Research Foundation Contract) . . . . .	14
Air Force, Department of, Air Force Systems Command, Air Force Office of Scientific Research, Arlington, Virginia (Research Foundation Grant) . . . . .	18
Air Force, Department of, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts (Research Foundation Contract) . . . . .	184
Air Force, Department of, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York (Research Foundation Contracts) . . . . .	130, 214
Air Force, Department of, Air Force Systems Command, Wright- Patterson Air Force Base, Ohio (Research Foundation Contracts) . . . . .	130, 131, 183, 349, 399
Air Force, Department of, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts (Research Foundation Contracts) . . . . .	399
Air Force, Department of, 4950th Test Wing (Technical) Air Force Systems Command, Wright-Patterson Air Force Base, Ohio (Research Foundation Contracts) . . . . .	441
Air Force, Department of, Office of Scientific Research, Arlington, Virginia (Research Foundation Grants) . . . . .	444, 446, 486

Air Force, Department of, Rome Air Development Center, Griffiss Air Force Base, New York (Research Foundation Contracts) . . .	12, 399, 441
ALCOA Foundation, Pittsburgh, Pennsylvania . . . . .	223
Alcoholic Beverages - University Residential Facilities . . . . .	345
American Cancer Society, Inc., New York, New York (Research Foundation Grants) . . . . .	311, 312
American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio (Research Foundation Grants) . . . . .	139, 218, 311
American Cancer Society, Ohio Division, Inc., Cleveland, Ohio (Research Foundation Grant) . . . . .	188
American Chemical Society, The Petroleum Research Fund, Washington, D. C. (Research Foundation Grants) . . . . .	21, 139
American Cicadellidae Collection . . . . .	194
American Electric Power Service Corporation, New York, New York . . . . .	222
American Electric Power Service Corporation, New York, New York (Research Foundation Contract) . . . . .	215
American Enterprise Institute, Washington, D. C. (Research Foundation Contract) . . . . .	215
American Foundation for Pharmaceutical Education, Washington, D. C. . . . .	193
American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio (Research Foundation Grants) . . . . .	218-221
American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio (Research Foundation Grants) . . . . .	244
American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio (Research Foundation Grants) . . . . .	244
American Heart Association, Inc., New York, New York (Research Foundation Grants) . . . . .	20, 21
American Iron and Steel Institute, New York, New York . . . . .	313
American Iron and Steel Institute, New York, New York (Research Foundation Grant) . . . . .	21
American Medical Association, Chicago, Illinois . . . . .	31
American Oil Foundation, Chicago, Illinois . . . . .	246
American Otological Society, St. Louis, Missouri (Research Foundation Grant). . . . .	138
Animal Sciences Livestock Center . . . . .	162
Antique Show Receipts, Columbus, Ohio . . . . .	406
Armco Foundation, Middletown, Ohio . . . . .	154
Army, Department of, Army Aviation Systems Command, Ft. Eustis, Virginia (Research Foundation Contract) . . . . .	306
Army, Department of, Defense Civil Preparedness Agency, Washington, D. C. (Research Foundation Contract) . . . . .	349
Army, Department of, Defense Supply Service, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	488
Army, Department of, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia (Research Foundation Contract) . . . . .	13
Army, Department of, Harry Diamond Laboratories, Washington, D. C. (Research Foundation Contracts) . . . . .	13, 305, 488
Army, Department of, Huntington District, Corps of Engineers, Huntington, West Virginia (Research Foundation Contracts) . . . . .	183, 240
Army, Department of, Letterkenny Army Depot, Chambersburg, Pennsylvania (Research Foundation Contract) . . . . .	12
Army, Department of, U. S. Army Medical Research and Development Command, Washington, D. C. (Research Foundation Contract) . . . . .	240

Arps Hall Air Conditioning . . . . .	415
Arps Hall, Chemical Engineering, Denney Hall, Hamilton Hall--Interior Maintenance 1972 . . . . .	225, 323
Associates of Medicine (The), Columbus, Ohio . . . . .	31, 153, 193, 223, 246, 313, 353, 406, 448
Auditor of State, Report of (1969-1970) . . . . .	5
Auditor of State, Report of (1970-1971) . . . . .	468
Auditor of State - The Ohio State University Hospitals, Report of . . . . .	296
AVCO Precision Products, Richmond, Indiana (Research Foundation Contract) . . . . .	350
Ayres, Konneker and Associates, Columbus, Ohio . . . . .	197

B

Babcock and Wilcox Company, Alliance, Ohio . . . . .	449
Bachelor of Science in Natural Resources . . . . .	45
Bacon, Elizabeth D. (Purchase of Property) . . . . .	41
Baker, Floyd, Corporation . . . . .	494
Baker, Joseph, Associates . . . . .	496
Balshone, Benjamin and Miriam R., Awards for Pharmacy . . . . .	157
Barnebey Foundation, Columbus, Ohio . . . . .	354
Barone, John J., Toledo, Ohio (Gift) . . . . .	492
Bassett, Thomas L. and P. M. (Purchase of Property) . . . . .	253
Battelle Memorial Institute, Columbus, Ohio . . . . .	193, 314, 492
Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio (Research Foundation Contract) . . . . .	14
Beasley Industries, Inc., Hilliard, Ohio . . . . .	155
Beechcraft Airplane (Gift-in-Kind) . . . . .	155
Bell Laboratories, Columbus, Ohio . . . . .	353
Benham, Mildred Dee, Estate, Cleveland, Ohio . . . . .	448
Berger, David, Memorial Fund (The) . . . . .	492
Berry, Charles S. (Purchase of Property) . . . . .	162
Berry, Charles S., and George Elum (Purchase of Property) . . . . .	162
Biological Sciences Building--Air Conditioning Rooms 116, 120, 127, and 129 . . . . .	196
Black Studies, Department of . . . . .	234
Black Studies, Division of . . . . .	234
Board of Control of the Ohio Agricultural Research and Development Center . . . . .	23
Board of Trustees of The Ohio State University . . . . .	23
Bolt, Beranek & Newman, Inc., Cambridge, Massachusetts (Research Foundation Contract) . . . . .	443
Brandt, Donald Jay, Memorial Scholarship Fund (The) . . . . .	449
Bremer Foundation (The), Youngstown, Ohio . . . . .	31, 153, 448
Brinkley, John Richard, Memorial Scholarship Fund . . . . .	318
Brinkley, Mildred Tapp (Mrs.) (Gift) . . . . .	318
Buildings and Grounds Committee . . . . .	464
Buildings and Property, Purchase of . . . . .	41, 42, 162, 198, 227, 252, 253, 295, 415, 453
Bullock, Guy H., Memorial Fund (The) . . . . .	357
Burroughs Hatfield . . . . .	40
Burton Rubber Processing, Inc., Burton, Ohio . . . . .	154

C

Calgon Corporation, Pittsburgh, Pennsylvania . . . . .	154
Campbell Hall Office Remodeling . . . . .	415
Campbell, Kenyon S., Estate of, Columbus, Ohio . . . . .	492
Campus Master Plan, Modification of . . . . .	174
Carlin, Philip E. (Purchase of Property) . . . . .	41, 42
Centerville Public Schools, Centerville, Ohio (Research Foundation Contract) . . . . .	350
Central Ohio Construction, Inc., Columbus, Ohio . . . . .	225
Central Ohio Technical Institute . . . . .	162
Chapman, Donald C., Columbus, Ohio (Gift). . . . .	406
Chemagro, A Division of Baychem Corporation, Kansas City, Missouri (Research Foundation Contract) . . . . .	133
Children's Hospital - Dispatch Charities, Columbus, Ohio . . . . .	353
Chope, W. E., Foundation, Coral Gables, Florida . . . . .	246
Chope, Wilbert E., Coral Gables, Florida (Gift). . . . .	353
CIBA-GEIGY, Summit, New Jersey. . . . .	448
Clinical Pharmacy and Professional Practice, Division of . . . . .	342
Clow Foundation, Chicago, Illinois . . . . .	355
Coatings Application and Waterproofing Company, St. Louis, Missouri. . . . .	452
College of Agriculture: Land, Barns and Teaching Facilities . . . . .	162
Columbia Gas System Service Corporation, Wilmington, Delaware. . . . .	152
Columbus, City of . . . . .	358, 403, 490
Columbus, City of, Division of Workhouse, Columbus, Ohio . . . . .	239
Columbus Foundation, Columbus, Ohio (Research Foundation Grant) . . . . .	447
Columbus Foundation (The), Columbus, Ohio . . . . .	314
Columbus Metropolitan Area Community Action Organization, Columbus, Ohio . . . . .	303, 397, 398
Columbus and Southern Ohio Electric Company . . . . .	323, 324, 359
Columbus and Southern Ohio Electric Company, Columbus, Ohio . . . . .	313
Comly Coleman Memorial Alcove, Columbus, Ohio . . . . .	353
Commerce, Department of, National Oceanic and Atmospheric Administration, Boulder, Colorado (Research Foundation Grant) . . . . .	137
Commerce, Department of, National Oceanic and Atmospheric Administration, Rockville, Maryland (Research Foundation Grants) . . . . .	19, 488
Cooperative Extension Service . . . . .	471
Coordinating Research Council and Environmental Protection Agency, Research Triangle Park, North Carolina (Research Foundation Contracts) . . . . .	400
Coshocton Construction Co., Inc., Coshocton, Ohio . . . . .	412
Critchfield, Robert M., Pontiac, Michigan (Gift) . . . . .	354
Croson, J. A., Plumbing and Heating, Inc. . . . .	39
Cullum, A. Earl, Jr., & Associates, Dallas, Texas (Research Foundation Contract) . . . . .	400
Cullum, A. Earl, Jr., & Associates, Dallas Texas . . . . .	31

D

Dairy and Meats Laboratories . . . . .	471
Dale, Edgar, Columbus, Ohio (Gift) . . . . .	31
Dance, Department of. . . . .	296
Dance, Division of . . . . .	296

Dayton Power and Light Company (The) . . . . .	252
Deafness Research Foundation (The), New York, New York (Research Foundation Grants) . . . . .	351, 352
De Golier Scholarship Fund . . . . .	248
Degrees . . . . .	5, 235, 327, 342, 469
Deisel, William P. and Pauline J., Scholarship Loan and Trust, Lima, Ohio . . . . .	355
DeLong, Dwight M. (Dr.) (Gift-in-Kind). . . . .	194
DeLong, Harold E., Memorial Scholarship . . . . .	317
Denney, Lucille Morrisey, Estate of . . . . .	193, 406
Dentistry Building, South Wing Addition. . . . .	493
Derby Hall Renovation. . . . .	415
Design, Division of . . . . .	394
Doctor of Arts in Economics . . . . .	235, 327
Dodd Hall--South Parking Lot Renovation . . . . .	411
Dollar Federal Savings and Loan Association . . . . .	354
Don Scott Field Master Plan . . . . .	179
Donnell, James C., II, Findlay, Ohio (Gift) . . . . .	355
du Pont de Nemours, E. I., & Company, Wilmington, Delaware . . . . .	405
Duriron Company, Inc., Dayton, Ohio . . . . .	247, 407
Duriron Company, Inc. (The), Dayton, Ohio (Research Foundation Grant). . . . .	352

E

Easements . . . . .	41, 252, 323, 324, 358, 359
Eastern Star - Order of, Grand Chapter of Ohio, Oberlin, Ohio . . . . .	153
Eastman Kodak Company, Rochester, New York . . . . .	246
Eckelberry, Paul G., Columbus, Ohio (Gift). . . . .	354
Edison Electric Institute, New York, New York (Research Foundation Contracts). . . . .	184, 350
Education, College of, Library. . . . .	415
Educational Affairs Committee. . . . .	464
Educational Endowment Fund (Kappa Kappa Gamma), Columbus, Ohio . . . . .	154
Educational Television Tower and Associated Facilities, Erection of . . . . .	40, 160
Edwards, Peter H., Jr. (Gift). . . . .	353
Electrical Engineering, Department of . . . . .	223, 353
Electrical System Expansion . . . . .	161
Electrical Trunk Lines . . . . .	415
Elevator Repairs--Haskett Hall, McCracken Power Plant, McPherson Laboratory . . . . .	321, 452
Engineering Experiment Station . . . . .	471
Environment Control Corporation, Painesville, Ohio (Research Foundation Contract) . . . . .	184
Environmental Protection Agency, Washington, D. C. . . . .	191
Environmental Protection Agency - U. S., Washington, D. C. . . . .	153
Environmental Protection Agency, Office of Air Programs, Washington, D. C. (Research Foundation Contracts) . . . . .	241
Environmental Protection Agency, Research and Development Procurement, Washington, D. C. (Research Foundation Contract) . . . . .	130
Environmental Protection Agency, Research Triangle Park, North Carolina . . . . .	485, 486
Ethicon, Inc., Somerville, New Jersey (Research Foundation Contract) . . . . .	307

Evans Laboratory Ventilation . . . . .	415
Exxon Education Foundation, New York, New York . . . . .	407

F

Facilities to be Financed by Ohio Facilities Commission . . . . .	6
Facilities Services . . . . .	471
Faculty Council . . . . .	4
Farber Corporation . . . . .	323
Fawcett Center for Tomorrow . . . . .	471
Fawcett, Marjorie Keener (Honorary Degree) . . . . .	50
Fawcett, Novice G., Chair in Educational Administration, Establishment of . . . . .	123
Fawcett, Novice G., Professorship in Educational Administration . . . . .	31, 123
Federal Aviation Administration . . . . .	179
Federal Aviation Agency, Washington, D. C. . . . .	191
Fees . . . . .	45
Finance Committee . . . . .	463
Financial Reports - 1971-1972 . . . . .	231
Football Radio Network . . . . .	495
Football Tickets . . . . .	343
Ford Foundation (The), New York, New York (Research Foundation Grant) . . . . .	404
Ford Foundation (The), 320 East 43rd Street, New York, New York (Grants) . . . . .	30, 151, 153, 192, 239
Ford Motor Company, Dearborn, Michigan . . . . .	224, 314
Foundation for Endowment of a Chair at The Ohio State University, Inc., New York, New York . . . . .	247, 448
Foundation in Refractories Education, Pittsburgh, Pennsylvania . . . . .	224
French, Thomas Ewing, Fellowship (The) . . . . .	314

G

General Electric Company, Cincinnati, Ohio (Research Foundation Contract) . . . . .	442
General Electric Company, Aircraft Engine Group, Evendale Plant, Evendale, Ohio (Research Foundation Contracts), . . . . .	14, 133, 401
General Industrial (Research Foundation Contracts) . . . . .	132
General Motors Corporation, Detroit, Michigan . . . . .	313
General Motors Corporation, Warren, Michigan . . . . .	224
Gerlach Foundation, Inc., Columbus, Ohio . . . . .	223
Gifts-in-Kind . . . . .	155, 194, 304, 314, 355
Gleason, Emmet Blakeney, Memorial Fund, Inc., Rochester, New York . . . . .	193
Gordon, Kate Deterly, Memorial Fund (The). . . . .	194
Gordon, Ruth, Memorial Fund (The) . . . . .	195
Goss Laboratory, Law Building, Robinson Laboratory-- Interior Maintenance . . . . .	321, 414
Goss Laboratory--Partial Remodeling . . . . .	321, 414, 493
Graduate Research Center for Biological Sciences . . . . .	320
Grand Aerie Fraternal Order of Eagles, Columbus, Ohio . . . . .	448
Grand Chapter of Ohio, Order of the Eastern Star, New Lexington, Ohio . . . . .	246

Grand Chapter of Ohio, Order of the Eastern Star, Oberlin, Ohio . . . . .	153
Grange Mutual Casualty Company, Columbus, Ohio . . . . .	355
Graves, Grant O., Hall . . . . .	4
Greater Cincinnati Foundation, Cincinnati, Ohio . . . . .	154
Gund, George, Foundation, Cleveland, Ohio . . . . .	355
Guy, J. A., Inc. . . . .	39

H

Hagerty Hall Air Conditioning . . . . .	415
Hambleton, Donald Casey (The) - Ohio Association of Real Estate Boards Scholarship Fund . . . . .	224
Hanna Coal Company, Cadiz, Ohio (Research Foundation Contract) . . . . .	215
Harding, Janet Harris, Scholarship Fund (The) . . . . .	32
Hayes Hall Fire Safety Improvements . . . . .	415
Health, Education, and Welfare, Department of, Division of Health Services, Maternal and Child Health Service, Rockville, Maryland . . . . .	152
Health, Education, and Welfare, Department of, Food and Drug Administration, Rockville, Maryland (Research Foundation Contract) . . . . .	131
Health, Education, and Welfare, Department of, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland . . . . .	151
Health, Education, and Welfare, Department of, National Institute of Education, Washington, D. C. . . . .	347, 397
Health, Education, and Welfare, Department of, National Institute of Education, Washington, D. C. (Research Foundation Contract) . . . . .	441
Health, Education, and Welfare, Department of, National Institute of Education, Washington, D. C. (Research Foundation Grant) . . . . .	444
Health, Education, and Welfare, Department of, Office of Child Development, Office of the Secretary, Washington, D. C. (Research Foundation Grants) . . . . .	217, 488
Health, Education, and Welfare, Department of, Office of Education, Chicago, Illinois (Research Foundation Contract/Grant) . . . . .	487
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C. (Grants) . . . . .	26-28, 146, 147, 149-151, 302, 348, 482-484
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Contracts) . . . . .	12, 13, 129, 487
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Grants) . . . . .	17, 20
Health, Education, and Welfare, Department of, Office of Education, Chicago, Illinois (Research Foundation Grant) . . . . .	308
Health, Education, and Welfare, Department of, Office of Education, Bureau of Educational Personnel Development, Washington, D. C. (Research Foundation Grant) . . . . .	135
Health, Education, and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C. . . . .	25, 145, 191, 239
Health, Education, and Welfare, Department of, Office of Education, Contracts and Grants Division, Washington, D. C. (Grants) . . . . .	191, 213
Health, Education, and Welfare, Department of, Office of Education, Educational Administration, Washington, D. C. (Research Foundation Grant) . . . . .	186
Health, Education, and Welfare, Department of, Office of the Secretary, Washington, D. C. (Research Foundation Contract) . . . . .	441

Health, Education, and Welfare, Department of, Public Health Service, Bethesda, Maryland . . . . .	25-30, 145-152, 192, 213, 302, 303, 347, 348, 398, 438-440, 482-484
Health, Education, and Welfare, Department of, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland (Grants) . . . . .	144-146
Health, Education, and Welfare, Department of, Public Health Service, Food and Drug Administration, Rockville, Maryland (Research Foundation Contracts) . . . . .	13, 14, 129
Health, Education, and Welfare, Department of, Public Health Service, Food and Drug Administration, Rockville, Maryland (Research Foundation Grant) . . . . .	17
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland . . . . .	26, 148
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland	213
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland . . . . .	144
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Grants) . . . . .	15, 16, 185, 216, 217, 242
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland (Research Foundation Contract).	13
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, National Institute of Alcohol Abuse and Alcoholism, Bethesda, Maryland (Research Foundation Grant) . . . . .	20
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland (Grant) . . . . .	25
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland (Research Foundation Grant) . . . . .	243
Health, Education, and Welfare, Department of, Public Health Service, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Grants) . . . . .	351, 401
Health, Education, and Welfare, Department of, Public Health Service, National Institute for Occupational Safety and Health, Bethesda, Maryland (Research Foundation Grant) . . . . .	17
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bethesda, Maryland (Grant) . . . . .	26
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland . . . . .	192, 213, 303, 304, 347, 348
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland (Research Foundation Grants) . . . . .	138, 310
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland . . . . .	149

Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland (Research Foundation Grants) . . . . .	16, 242
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physicians and Health Professions Education, Bethesda, Maryland (Research Foundation Contract) . . . . .	183
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland . . . . .	144-147
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland (Research Foundation Grant) . . . . .	444
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Grant) . . . . .	25
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Contracts) . . . . .	129, 214, 240, 305, 442
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Grants). . . . .	17, 134-137, 185, 215, 217, 351, 401, 443-445, 486
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland (Research Foundation Grants). . . . .	14, 15, 135, 216, 242
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Contracts). . . . .	12, 129, 130
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Grants) . . . . .	15, 19, 134, 185, 188, 216, 307, 351, 401-403, 443, 445, 446, 486
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Contract) . . . . .	214
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Grants) . . . . .	15, 16
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland (Research Foundation Grants) . . . . .	15, 18
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland (Research Foundation Grants) . . . . .	185, 309, 485, 486
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Grants) . . . . .	16, 18, 136, 216, 403

Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland (Research Foundation Grants) . . . . .	309, 402, 445
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland (Research Foundation Grants) . . . . .	135-137, 186, 486
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Contracts) . . . . .	12, 131
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Grants) . . . . .	15, 185, 187, 307, 308
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Research Foundation Contract) . . . . .	132
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Office of the Director, Bethesda, Maryland (Research Foundation Contract) . . . . .	442
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Chicago, Illinois (Grant) . . . . .	146
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Washington, D. C. (Research Foundation Grant) . . . . .	135
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Office of Manpower, Development and Training, Chicago, Illinois (Grant) . . . . .	150
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C. (Research Foundation Grants) . . . . .	136, 243
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Region V, Chicago, Illinois (Grants) . . . . .	25, 26
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois (Grants) . . . . .	191, 192
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration - Developmental Disabilities, Chicago, Illinois (Grants) . . . . .	146, 147, 239
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois (Grants) . . . . .	191, 192
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Rehabilitation Training, Chicago, Illinois (Grant) . . . . .	146
Health Sciences Library . . . . .	40
Hebrew, Professorship of, in the College of Humanities . . . . .	430
Heimberger, William H., Estate of, Columbus, Ohio . . . . .	353
Hershey, Rice A., Memorial Fund . . . . .	248
High, Charles F., Foundation (The), Bucyrus, Ohio . . . . .	223, 354, 449
Hobart Brothers Company, Troy, Ohio . . . . .	314
Honorary Degrees . . . . .	6, 50, 210, 343, 430
Hopkins Hall, Hughes Hall--Exterior Masonry Repairs . . . . .	452
Hornung, Kenneth G., Memorial Scholarship Fund . . . . .	155

Housing for President . . . . .	47
Houston, Janet French, Estate of . . . . .	314
Howard, Jess, Electric Company . . . . .	414
Hyman, Olline G., Estate of . . . . .	491

I

Illinois Institute of Technology Research Institute, Chicago, Illinois (Research Foundation Contract) . . . . .	215
Illuminating Engineering Research Institute (Research Foundation Contracts) . . . . .	184
Improvement Projects for the Handicapped . . . . .	162, 163
Improvements for the Handicapped - Phase III . . . . .	358
Indiana University, Trustees of, Bryan Administration Building, Bloomington, Indiana . . . . .	239
Industrial Design, Department of . . . . .	394
Ingram, Edgar W., Foundation. . . . .	354
Ink, Lillian K. (Purchase of Property) . . . . .	41, 42
Insurance Benefits . . . . .	169
Insurance Committee . . . . .	464
Insurance for University Employees . . . . .	46
Intercollegiate Athletics . . . . .	471
Interior, Department of, Bureau of Mines, Denver, Colorado (Research Foundation Contracts) . . . . .	129, 130
Interior, Department of, Office of Water Resources Research, Washington, D. C. (Research Foundation Grant) . . . . .	243
International Copper Research Association, Inc., New York, New York . . . . .	154
International Nickel Company of Canada, Ltd. (The), New York, New York . . . . .	153, 193

J

Jasam Foundation, Inc., Columbus, Ohio . . . . .	32, 314, 407
Jennings, Martha Holden, Foundation, Cleveland, Ohio . . . . .	492
Jobes Henderson Associates, Newark, Ohio . . . . .	496
Johnson, Bertha T., Charitable Trust of . . . . .	353
Johnson, Robert Wood, Foundation, Princeton, New Jersey . . . . .	405
Jones, Elizabeth F. De Golier, Estate of . . . . .	248
Jones Graduate Tower . . . . .	431
Jones, W. Alton, Foundation, Inc., New York, New York . . . . .	154
Journalism Building Expansion . . . . .	252
Junior League of Columbus, Columbus, Ohio (Research Foundation Grant) . . . . .	221
Justice, U. S. Department of, Law Enforcement Administration, Washington, D. C. . . . .	192

K

Kahliff, Margaret W. (Mrs.) (Gift) . . . . .	248
Kahliff, William T., Scholarship Fund (The) . . . . .	248
Kappa Kappa Gamma (Educational Endowment Fund), Columbus, Ohio . . . . .	154
Kiplinger Foundation, Inc., Washington, D. C. . . . .	406, 448
Kiplinger, Willard M., Chair in Public Affairs in the School of Journalism . . . . .	448

Knowlton Construction Company, Bellefontaine, Ohio . . . . .	39
Kramer, Ross A., et al (Purchase of Property) . . . . .	198
Krumm, Ione Beaton (Gift). . . . .	316
Krumm, Tahlman, Engineering Memorial Fund (The) . . . . .	316
Kuempel Company (The) . . . . .	413
Kunkle, L. E., Student Development Fund . . . . .	247
Kurtz, Ralph (Mr. and Mrs.), Tampa, Florida (Gift) . . . . .	154

L

Labor, Department of, Manpower Administration, Chicago, Illinois (Research Foundation Contract) . . . . .	130
Labor, Department of, Manpower Administration, Washington, D. C. (Research Foundation Contracts) . . . . .	131, 183
Labor, U. S. Department of, Manpower Administration, Washington, D. C. . . . .	147
Laneview Service Center--Railroad Siding . . . . .	322
Law Library . . . . .	415
Lawson, Grace M. (Mrs.), Buffalo Grove, Illinois (Gift) . . . . .	355
Lazarus, F. & R., & Company (The), Columbus, Ohio . . . . .	406
Le Fevre, Mrs. Howard E. (Catharine B.), Newark, Ohio (Gift) . . . . .	32
Leopold Construction . . . . .	161
Lightner, Russell E., Estate of, Circleville, Ohio . . . . .	246
Lilliston Corporation, Albany, Georgia . . . . .	189
Lilly, Eli, and Company, Indianapolis, Indiana . . . . .	31, 153, 246, 314, 406
Lima Campus . . . . .	235, 471
Limbach Company . . . . .	160, 226, 414, 415, 494
Lincoln Tower Dormitory Facility . . . . .	177, 236
Liqui-Box Corporation, Columbus, Ohio . . . . .	32

M

Mansfield Campus . . . . .	41, 393, 421, 471
Mansfield Campus--Repair and Resurface Parking Facilities . . . . .	322
Mansfield O. S. U. Scholarship Fund, Mansfield, Ohio . . . . .	31
Marion Campus (Budget for 1973-1974) . . . . .	471
Marion Power & Shovel Company, Inc., Marion, Ohio . . . . .	245
Martin, John Charles, Worthington, Ohio (Gift) . . . . .	353
McCormick, Francis B., Undergraduate Scholarship Fund in Agricultural Economics . . . . .	407
McCracken Power Plant--Additional Fuel-Oil Storage Tanks . . . . .	159, 323
McCracken Power Plant - Boilers 6 and 7 . . . . .	158
McCracken Power Plant--Electrical Utility Tie . . . . .	322, 414, 452
Mead Johnson & Company, Evansville, Indiana . . . . .	354
Medical Advances Institute, Columbus, Ohio (Research Foundation Contract) . . . . .	241
Medicinal Chemistry, Division of . . . . .	342
Memorandum of Understanding Between Ohio Agricultural Research and Development Center and Agricultural Technical Institute of The Ohio State University . . . . .	124
Merck Company Foundation (The), Rahway, New Jersey . . . . .	223
Merrell-National Laboratories, Cincinnati, Ohio . . . . .	154
Mershon Auditorium (Music Studios) . . . . .	415

Metal Properties Council, United Engineering Center, New York, New York . . . . .	306
Meyer, A. L., Construction Co. . . . .	160, 414
Meyerholtz, Bertha F., Estate of . . . . .	198
Mick, Charles J. and Florence Y., Memorial Fund . . . . .	31
Mick, Florence, Estate of, Columbus, Ohio . . . . .	31
Miles Laboratories, Inc., Elkhart, Indiana . . . . .	154, 355
Milheim Foundation for Cancer Research (The), The Colorado National Bank Trust Department, Denver, Colorado . . . . .	21
Miller-Davis Electric . . . . .	494
Miracle Recreation Equipment Company, Grinnell, Iowa . . . . .	496
Mitchell, Herschel D. and Beryl L. (Purchase of Property) . . . . .	41, 200
Modern Language Association of America, Center for Editions of American Authors, New York, New York . . . . .	218
Moffitt, Melvin E., Estate of, San Antonio, Texas . . . . .	354
Mollenauer, Harold F., Company . . . . .	323, 414
Monks, W. E., and Company . . . . .	163
Montgomery, Edward E., Jr., Columbus, Ohio (Gift) . . . . .	355
Moore, Harry C., Foundation, Gahanna, Ohio . . . . .	247
Morris Animal Foundation, Denver, Colorado . . . . .	404
Morrison, Inc., Marietta, Ohio . . . . .	413
Morrison Tower . . . . .	431
Museum of Zoology Fund (The). . . . .	318
Mutual of Omaha . . . . .	420

N

Nabors, Dennis A., D. D. S., '32 Scholarship . . . . .	196
NABISCO, Inc., New York, New York . . . . .	447
NACAA-71, Ohio Cooperative Extension Agents Association, Norwalk, Ohio . . . . .	223
Named Chairs . . . . .	124
Named Professorships . . . . .	430, 475
Naming "Natural Area" - The Ohio State University, Lima Campus . . . . .	235
Naming of Buildings . . . . .	4, 5, 123
NAPA Purchasing Educational Foundation, Inc., New York, New York . . . . .	154
National Academy of Education, Syracuse, New York . . . . .	407
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Contract) . . . . .	132
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Grants) . . . . .	134, 185, 444
National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California (Research Foundation Contract) . . . . .	305
National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California (Research Foundation Grant) . . . . .	243
National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland (Research Foundation Grants) . . . . .	216, 242
National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia (Research Foundation Grants). . . . .	134, 216, 308, 489

National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio (Research Foundation Grant)	133
National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas (Research Foundation Contract)	131
National Council on the Arts, National Endowment for the Arts, Washington, D. C. (Research Foundation Grant)	404
National Endowment for the Humanities, Washington, D. C. (Grants)	30, 439
National Endowment for the Humanities, Washington, D. C. (Research Foundation Grants)	139, 312, 403
National/Ohio 4-H Foundation Campaign, Columbus, Ohio	406
National Science Foundation, Washington, D. C.	152, 302-304, 347, 348, 398, 439
National Science Foundation, Washington, D. C. (Research Foundation Grants)	16-20, 135, 137-138, 186-187, 217, 218, 242-244, 307-311, 351, 401-403, 444-447, 487-489
National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C.	483
Nationwide Mutual Insurance Company, Columbus, Ohio	154, 313
Natural Resources, School of, Administrative Offices	415
Navy, Department of, Naval Air Systems Command, Washington, D. C. (Research Foundation Contract)	305
Navy, Department of, Naval Ship Systems Command, Washington, D. C. (Research Foundation Contract)	132
Navy, Department of, Office of Naval Research, Arlington, Virginia (Research Foundation Contracts)	12, 130, 183, 184, 214, 240, 305, 441, 488
Neil Hall--Renovation	411
New England Board of Higher Education, Columbus, Ohio	246
New York, City of (The), Health Services Administration, New York, New York (Research Foundation Contract)	241
Newark Campus (Budget for 1973-74)	471
Newark Campus--Expansion of Parking Facilities	496
Newark Campus--Phase II	496
Newton, Mildred E., Hall (The)	123
Nielsen, Harald (Mrs.) (Letter of Appreciation)	416
NOBA, Inc., Tiffin, Ohio	194, 449
Norris, Frank C. (Sale of Property)	200
North American Rockwell, Columbus Division, Columbus, Ohio	133
North Central Ohio Technical College	252
Northwest Electric Company, Marietta, Ohio	413
Northwest Parking Ramp	251
Nursing, School of	123
O	
OARDC Agenda Review Committee	464
Ohio Agricultural Research and Development Center	124
Ohio Agricultural Research and Development Center (Lease Agreement)	23
Ohio Board of Regents, Columbus, Ohio	45, 303, 327
Ohio Bureau of Employment Services, Columbus, Ohio	213
Ohio Commission on Local Government Services, Columbus, Ohio	400

Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Office of Developmental Disabilities, Columbus, Ohio . . . . .	439
Ohio Department of Rehabilitation and Corrections, Columbus, Ohio . . . . .	442
Ohio Electric Utility Institute (The), Columbus, Ohio . . . . .	223, 353, 491
Ohio Facilities Commission, Facilities to be Financed by . . . . .	6
Ohio Florists Association, Columbus, Ohio . . . . .	449
Ohio 4-H Foundation Fund . . . . .	223
Ohio Historical Society (The) . . . . .	249
Ohio Legal Center (The) . . . . .	295
Ohio Lions Eye Research Foundation, Springfield, Ohio . . . . .	193
Ohio Power Company, Canton, Ohio . . . . .	307
Ohio Rehabilitation Services Commission, New Careers Program, Columbus, Ohio . . . . .	239
Ohio Senate Resolution Concerning Novice G. Fawcett's Retirement . . . . .	52
Ohio Stadium . . . . .	496
Ohio Stadium--Intramural and Recreational Lighting System . . . . .	319
Ohio - State of, Adjutant General . . . . .	200
Ohio - State of, Department of Economic and Community Development, Columbus, Ohio . . . . .	304, 440
Ohio - State of, Department of Economic and Community Development, Columbus, Ohio (Research Foundation Grant) . . . . .	311
Ohio - State of, Department of Education, Columbus, Ohio . . . . .	132
Ohio - State of, Department of Education, Division of Vocational Education, Columbus, Ohio . . . . .	304
Ohio - State of, Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio . . . . .	484
Ohio - State of, Department of Health, Columbus, Ohio . . . . .	148, 149, 151
Ohio - State of, Department of Health, Columbus, Ohio (Research Foundation Grants) . . . . .	138
Ohio - State of, Department of Highways, Columbus, Ohio . . . . .	22, 221, 222, 245
Ohio - State of, Department of Industrial Relations, Columbus, Ohio . . . . .	350
Ohio - State of, Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio . . . . .	311
Ohio - State of, Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio . . . . .	218
Ohio - State of, Department of Mental Hygiene and Correction, Ohio Departments Building, Columbus, Ohio . . . . .	29
Ohio - State of, Department of Natural Resources, Columbus, Ohio . . . . .	222
Ohio - State of, Department of Natural Resources, Division of Wildlife, Columbus, Ohio . . . . .	28, 29, 30, 150
Ohio - State of, Department of Rehabilitation and Corrections, Columbus, Ohio . . . . .	490
Ohio - State of, Department of Transportation, Columbus, Ohio . . . . .	312, 447
Ohio - State of, Department of Urban Affairs, Columbus, Ohio . . . . .	188
Ohio - State of, Rehabilitation Services Commission, Columbus, Ohio . . . . .	398
Ohio State University (The) . . . . .	124
Ohio State University Development Fund (The) . . . . .	24, 142, 143, 190, 222, 245, 313, 352, 405, 448, 491
Ohio State University Hospitals (The) - Report of Auditor of State . . . . .	296
Ohio State University Housing Commission (The) . . . . .	177
Ohio Turfgrass Foundation, Columbus, Ohio . . . . .	153
Ohio Valley Health Services Foundation, Inc. (The), Athens, Ohio . . . . .	350
Ophthalmologic Center Fund . . . . .	353

Organon, Inc., West Orange, New Jersey . . . . .	154
Orton, Edward, Jr., Ceramic Foundation (The), Columbus, Ohio . . . . .	490
OSU Citizens Advisory Committee, Newark, Ohio . . . . .	223
Owens Illinois Technical Center, Toledo, Ohio . . . . .	404

P

Paint Research Institute, Philadelphia, Pennsylvania . . . . .	490
Paperboard Packaging Council, Washington, D. C. . . . .	246
Parke-Davis & Company, Detroit, Michigan . . . . .	194, 314
Parking Facilities . . . . .	471
Parking Ramp - Medical Area . . . . .	250
Payne Fund, Inc., Cleveland, Ohio . . . . .	354
Pence Electric Company . . . . .	415
Pennsylvania Separator Company, Brookville, Pennsylvania . . . . .	245, 404
Peterson, Ethel B. (Mrs.), Cleveland, Ohio (Gift) . . . . .	355
Pharmaceutical Manufacturers Association Foundation, Inc. (The), Washington, D. C. . . . .	155, 407
Pharmaceutics and Pharmaceutical Chemistry, Division of . . . . .	342
Pharmacognosy and Natural Products Chemistry, Division of . . . . .	342
Pharmacology, Division of . . . . .	342
Pharmacy, College of . . . . .	342
Physical Education Building Improvements . . . . .	415
Place, Mary C., Estate of, Lima, Ohio . . . . .	31
Plans and Specifications . . . . .	159, 225, 251, 321, 322, 358, 411, 493
Pollack, Ervin H., Memorial Scholarship Fund (The) . . . . .	356
Pollack, Lydia W., Columbus, Ohio (Gifts) . . . . .	247, 407
Polo Field--Parking Lot Renovation . . . . .	451
Population Council, Inc. (The), New York, New York . . . . .	188
Porthouse, Cyril R. (Mr. and Mrs.), Kent, Ohio (Gift) . . . . .	193
Porthouse Foundation Income Account, Kent, Ohio . . . . .	354
Postal Service Management Institute, Bethesda, Maryland . . . . .	131
Post-retirement Benefits . . . . .	169
President, Housing for . . . . .	47, 295, 415
Presidential Housing, Report of Special Committee . . . . .	47
President's House . . . . .	295, 415
Prindle, Patrick and Partners, Cleveland, Ohio . . . . .	141
Procter & Gamble Company, Cincinnati, Ohio . . . . .	153, 194, 352
Professorship of Hebrew in the College of Humanities . . . . .	430
Prudent, Inez, Book Fund . . . . .	157
Psychology, Department of, Space . . . . .	415

R

R. C. A. Rubber Company (The), Akron, Ohio . . . . .	155
Reco Electric, Inc. . . . .	161
Reeb, R. H., Plumbing Company . . . . .	160
Refractories Institute (The), Pittsburgh, Pennsylvania . . . . .	193, 406
Regional Campuses . . . . .	422
Reid, James S. (Dr.), Hudson, Ohio (Gift) . . . . .	355
Report of Auditor of State . . . . .	5
Report of Auditor of State to The Ohio State University . . . . .	468
Report of Auditor of State - The Ohio State University Hospitals . . . . .	296
Report - Retirement and Insurance Committee . . . . .	46, 169, 419, 497

Report on University's Investment Portfolio . . . . .	48, 170, 200, 231, 257, 327, 360, 421, 459
Research for Better Schools, Philadelphia, Pennsylvania . . . . .	215, 306, 307
Residence Halls Room and Board Rates . . . . .	431
Retirement and Insurance Committee . . . . .	169, 419, 420
Richland County Foundation (The), Mansfield, Ohio . . . . .	246
Riklis, Meshulam, Chair in Business and Its Environment . . . . .	247, 448
Riley, James R., Professorship of Transportation and Business Logistics . . . . .	223
Rinhart Collection of Daguerreian Art . . . . .	324
River Union and Drama Facilities . . . . .	320
Roadway Repair and Resurfacing--Cannon Drive and Coffey Road . . . . .	322, 494
Rockefeller Foundation, New York, New York . . . . .	224
Rockwell International, Columbus, Ohio . . . . .	442
Rockwell International Corporation, Tulsa, Oklahoma . . . . .	443
Roessler, Anna, Trust Under the Will of, Columbus, Ohio . . . . .	153, 193, 223, 353, 406, 449
Rohm & Haas Company, Philadelphia, Pennsylvania . . . . .	155
Ross Laboratories, Columbus, Ohio . . . . .	193
<u>Rules for the University Faculty</u> . . . . .	4, 467

S

Sale of Property . . . . .	42, 200
Sargent, Dennis C. . . . .	467
Schering Corporation, Bloomfield, New Jersey . . . . .	492
Schoenbaum, Alex, Charleston, West Virginia (Gift) . . . . .	31
School of Allied Medical Professions . . . . .	38
School of Natural Resources Administrative Offices . . . . .	415
Scott, Louise Orr, Foundation, Columbus, Ohio . . . . .	223, 491
Scott, William H., Hall . . . . .	5
Searle Diagnostic, Inc., Columbus, Ohio . . . . .	406, 449, 491
Searle, G. D., & Company, Chicago, Illinois . . . . .	193, 406
Sedgwick, Cyrus H. (Mr. and Mrs.) (Gifts) . . . . .	355, 449
Shell Company Foundation, Houston, Texas . . . . .	246
Sidnell, Josephine Baker, Estate . . . . .	491
Sills, Philip, New York (Gift-in-Kind) . . . . .	194
Sisson Hall Air Conditioning . . . . .	415
Sisson Hall - Electrical Renovation and Air Conditioning . . . . .	251, 494
Sitterley, Helen H. and Kermit C., Fund (The) . . . . .	356
Slobin, Phil A. (Purchase of Property) . . . . .	198
Small Business Administration, Washington, D. C. . . . .	348, 484
Snyder, Bernard S. (Dr.) (Gift) . . . . .	354
Snyder, D. P. (Dr.), Estate of, Columbus, Ohio . . . . .	31, 153, 194
Snyder Research Memorial Fund . . . . .	31, 153, 194
Social and Behavioral Sciences, College of . . . . .	236
Solomon, Frances Schwebel, Youngstown, Ohio (Gift) . . . . .	314
Southeast Ohio Area Extension Center . . . . .	197, 225, 412, 452
Southgate Development Corporation (The), Newark, Ohio . . . . .	224
Space and Missiles Systems Organization, Los Angeles, California . . . . .	401
Speer, Julian, Company . . . . .	161
Stadium Scholarship Dormitory Scholarship Fund (The) . . . . .	33
Stainless, Inc., North Wales, Pennsylvania . . . . .	160
Stambaugh, Ananell C., Estate of, Lima, Ohio . . . . .	353

Standard Oil (Indiana) Foundation, Chicago, Illinois . . . . .	314
Stander, Richard . . . . .	421
State Auto Insurance Company, Columbus, Ohio . . . . .	31, 223
State, Department of, Agency for International Development, Washington, D. C. . . . .	149
States Electric Company . . . . .	226
<u>Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules for the University Faculty . . . . .</u>	394
Steel Founders' Society of America, Rocky River, Ohio . . . . .	14, 306, 490
Stephenson, Edward C. and Hazel L., Foundation, Grosse Pointe Woods, Michigan . . . . .	353
Stillman Hall Improvements . . . . .	161, 197, 450
Stokes, C. Howard, Estate of, Cleveland, Ohio . . . . .	491
Student Health Insurance Contract . . . . .	420
Student Housing . . . . .	471
Student Memorial Fund . . . . .	31, 153, 194
Student Unions . . . . .	471
Substation "C"--Underground Cables and Equipment . . . . .	451
Suburban Motor Freight, Inc., Columbus, Ohio . . . . .	223
Sullivant, Joseph, Hall, Remodeling . . . . .	451
Systems Engineering Associates, Columbus, Ohio . . . . .	401

T

Taft, Robert A., Water Research Center, Water Quality Office, Environmental Protection Agency, Cincinnati, Ohio . . . . .	139
Technical Education Foundation . . . . .	315
Technical Education Foundation Scholarship Fund . . . . .	315
"Tecumseh Natural Area" . . . . .	235
Tennis Courts--Repairs and Restoration . . . . .	451
Traffic Improvements - North . . . . .	496
Traffic Improvements - South . . . . .	496
Transfer of Earned Indirect Costs . . . . .	33
Transfers to Plant Funds . . . . .	36
Transportation, Department of, Federal Aviation Administration, Logistics Service, Equipment Purchase Branch, Washington, D. C. . . . .	13
Transportation, Department of, Federal Highway Administration, Washington, D. C. . . . .	184
Transportation, Department of, National Highway Traffic Safety Administration, Office of Contracts and Procurement, Washington, D. C. . . . .	438
Transportation, Department of, Urban Mass Transportation Administration, Washington, D. C. . . . .	136, 137
Trapp Construction . . . . .	323
Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio . . . . .	154

U

Union Carbide Corporation, Oak Ridge, Tennessee . . . . .	442
United Fund Health Foundation, Canton, Ohio . . . . .	21
U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio . . . . .	399, 400
U. S. Arms Control and Disarmament Agency, Washington, D. C. . . . .	131
U. S. Army Medical Research and Development Command, Washington, D. C. . . . .	309

U. S. Army, San Francisco Procurement Agency, Oakland, California . . . . .	400
U. S. Atomic Energy Commission, Argonne National Laboratory, Argonne, Illinois . . . . .	304
U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois . . . . .	12, 129, 240, 305, 306, 349, 441
U. S. Atomic Energy Commission, Washington, D. C. . . . .	29
U. S. Department of Agriculture, Animal and Plant Health Inspection Service, Administrative Management Branch, Federal Center Building, Hyattsville, Maryland . . . . .	25
U. S. Department of Interior, Washington, D. C. . . . .	22, 141
U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C. . . . .	30, 152
U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C. . . . .	304
U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Federal Building, Fort Snelling, Twin Cities, Minnesota . . . . .	13
U. S. Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C. . . . .	30
United Telephone Company of Ohio . . . . .	41
University Activities Center Fund . . . . .	31, 154, 155, 223, 313, 353, 354, 406, 491
University Airport . . . . .	471
University of Alaska, Tundra Biome Center, College, Alaska . . . . .	241
University Bookstores . . . . .	471
University Budget . . . . .	175, 296, 431, 469
University of California - Regents, UCLA, Los Angeles, California . . . . .	152
University College, Building No. 3 . . . . .	320
University College, Building No. 13 . . . . .	39, 162
University of Colorado, Medical Center, Denver, Colorado . . . . .	133
University of Dayton, Research Institute, Dayton, Ohio . . . . .	350
University Hall Complex . . . . .	159, 225, 226, 252
University Hospital--Chilled Water Systems Additions . . . . .	320
University Hospital--New Desuperheating Station, North Wing . . . . .	322
University Hospital--Renovation of 11th Floor West . . . . .	160
University Hospitals . . . . .	471
University Initiated Fees and Charges . . . . .	7
University of Pittsburgh, Pittsburgh, Pennsylvania . . . . .	443
University of Rochester (The), Rochester, New York . . . . .	307
University School (Ramseyer Hall) - Renovation and Air Conditioning . . . . .	38
University Senate . . . . .	3, 4
University of Wisconsin (The), Research Administration - Financial, Madison, Wisconsin . . . . .	133
Upham Hall, Air Conditioning and Electrical Improvement - Employment of Engineers . . . . .	163
Upjohn Company (The), Kalamazoo, Michigan . . . . .	31, 155, 193, 449
Utilities and Renovation . . . . .	197

V

Visual Arts Program, National Endowment for the Arts, Washington, D. C. . . . .	404
Vivian Hall Laboratory Remodeling . . . . .	415

## W

Walker, Harvey, Sr., Memorial Fund in Political Science . . . . .	156
Waller & Lund, Inc. . . . .	452
Washburn, Grace High, Trust (The), Bucyrus, Ohio . . . . .	223, 354, 449
Weiler, Robert J., Columbus, Ohio (Gift) . . . . .	31
Westinghouse Educational Foundation, Pittsburgh, Pennsylvania . . . . .	448
White, Michael . . . . .	210
Wildermuth, E. F., Foundation, Columbus, Ohio . . . . .	193
Winter, Chester C. (Dr.), Worthington, Ohio (Gift) . . . . .	355
Woelfel, Norman W. (Sale of Property) . . . . .	43
Wolfe Industries, Columbus, Ohio . . . . .	355
World Health Organization, Human Reproduction Unit, Geneva, Switzerland . . . . .	443
World Health Organization and L'Organisation Mondiale de la Sante, 1211 Geneve, Switzerland . . . . .	304
WOSU-TV - Underground Electric Line . . . . .	323
WTVN Radio, Columbus, Ohio . . . . .	495

## Y

Yassenoff Foundation, Columbus, Ohio . . . . .	153
Young, Maurice A., Youngstown, Ohio (Gift) . . . . .	32
Youngberg, Hazel C., Estate of . . . . .	246, 407
Youngberg, Hazel C., Memorial Fund . . . . .	155, 246
Youngberg, Stanton, Estate of, San Francisco, California . . . . .	405

## Z

Zieg, Harold F. (Mr. and Mrs.), Columbus, Ohio (Gift) . . . . .	154
---	-----