

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.

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

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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.

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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.

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July 9, 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  
May 23, 1970 - June 19, 1970

|                               | No. of<br>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<br>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.                          |

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\*

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.

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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 -<br>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 -<br>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 -<br>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 -<br>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 -<br>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 -<br>Woods            | \$ 898.04           |
| 340032 | OE - Education - Cook  | 42.96               |
| 340065 | OE - Center for Vocational and Technical<br>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<br>Education - McGivney | 1,362.44            |
| 340081 | OE - Center for Vocational and Technical<br>Education - Miller   | 3,551.64            |
| 340091 | OE - Center for Vocational and Technical<br>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<br>Education - Vivian   | 1,945.44            |
| 340102 | OE - Center for Vocational and Technical<br>Education - Vivian   | 846.11              |
| 340111 | OE - Center for Vocational and Technical<br>Education - Miller   | 847.22              |
|        | Total U. S. Department of Health,<br>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<br>(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                          |    | 2,430.00  |

Total Miscellaneous \$ 25,866.75

Grand Total \$613,570.59

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<br/>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<br>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<br/>from B/A</u> | <u>Amount</u> |
|--|------------|---------------------------------|---------------|
| Power Plant - Emergency<br>Generator                           | 801119     | 149993                          | \$ (3,959.07) |
| Military Science Building -<br>Remodeling                      | 801127     | 226314                          | 52,002.53     |
| Rightmire Hall (UVC No. 2)                                     | 801128     | 149997                          | 44,000.00     |
| The Dieter Cunz Hall of<br>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-<br>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<br>Facility                         | 801196     | 960200                          | (100,000.00)  |
| Pedestrian Bridge  | 801197     | 921300                          | 21,000.00     |
| Means Hall - Emergency Power<br>Facility                       | 801200     | 960200                          | (66,500.00)   |
| Stadium Drive Improvement                                      | 801203     | 149997                          | 58,480.00     |
|  |            | 921300                          | 10,500.00     |
| Animal Science Building - Air<br>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<br>Remodeling                     | 801208     | 149997                          | 651.00        |
| Civil and Aeronautical Engi-<br>neering Building<br>Remodeling | 801209     | 149993                          | 5,180.00      |
| University Hospital - Nursing<br>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<br>Conditioning                      | 801213     | 960200                          | 133,900.00    |
| Pedestrian Bridge - Parking                                    | 801214     | 921300                          | 120,000.00    |
| University Hospital - Air<br>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<br/>from B/A</u> | <u>Amount</u>         |
|---|------------|---------------------------------|-----------------------|
| University Hospital - Air<br>Conditioning       | 801216     | 960200                          | \$ 4,000.00           |
| University Hospital - Remodel<br>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.

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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><br>(4 bids received 6-23-70) |                    |                     |
| R. P. Alexander (Columbus)  | \$43,480.00        | \$ 81,840.00        |
| <u>Electrical Contract</u><br>(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.

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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.

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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.

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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%                 |

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.

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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

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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

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APPENDIX I

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

September 4, 1970

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## 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 Armes 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 Ransamooj, 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 - $\beta_{12}$  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 Kaessen, 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 Liang, 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

Pandey Vajhurai, 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  
Philip 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 Schrage, 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 Lebby 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 van Fossen,  
Columbus

### With Distinction in Horticulture

Roy Kenneth Daum, Freehold, N. J.

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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.



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

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\*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.

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\*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.

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\*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

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\*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.

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\*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.

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\*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

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\*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.

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\*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.

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\*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.

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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.

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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

S U M M A R Y  
June 20, 1970 - August 18, 1970

|                               | No. of<br>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.

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.<br>Gross Value - \$8,380.00.  |
| EES 364X | Coagulation of Clays with Hydrolyzing Metals, U. S. Department of the Interior, Washington, D. C.<br>Gross Value - \$10,400.00.  |
| EES 365X | Chemical and Sediment Movement from Agricultural Land to Lake Erie, U. S. Department of the Interior, Washington, D. C.<br>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.<br>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.<br>Gross Value - \$9,975.00.   |
| EES 370X | Stream Pollution from Cattle Feed Lot Runoff, U. S. Department of the Interior, Washington, D. C.<br>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.<br>Gross Value - \$8,700.00.   |
| EES 372X | Water Resources Center - Director's Office Account, U. S. Department of the Interior, Washington, D. C.<br>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.<br>Gross Value - \$50,200.00.   |
| EES 374X | Field Test of the OSU/ODH Ultrasonic Pavement Thickness Gage, Ohio Department of Highways, Columbus, Ohio.<br>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.

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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.

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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.<br>(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<br/>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.

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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.

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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.

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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.

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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:

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Edward Q. Moulton  
Secretary

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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)

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## 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).

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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.

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Minutes of the last meeting were approved.

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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<br>Administrative Operations<br>and Secretary of the Board<br>of Trustees | Edward Q. Moulton  | \$34,128.00* |
| Provost and Vice President for<br>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<br>Campuses and Dean of the<br>University College                          | John T. Mount      | 31,212.00*   |

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\*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<br>of Minority Affairs      | William J. Holloway  | \$26,448.00 |
| Executive Assistant to the<br>President <sup>1</sup>      | Kenneth E. Krouse    | 23,328.00*  |
| Acting Dean of the College of<br>Medicine                 | John A. Prior        | 36,612.00*  |
| Assistant Vice President for<br>Administrative Operations | Richard H. Zimmerman | 28,572.00*  |
| Acting Director of Admissions                             | Edward E. Rhine      | 17,448.00   |

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<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.

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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.

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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<br>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 | 8                  | 43,245.00      |
| 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<br>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.

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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.

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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.

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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.

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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.

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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.

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Thereupon the Board adjourned to meet Friday, November 6, 1970, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

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Edward Q. Moulton  
Secretary

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John G. Ketterer  
Chairman

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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.

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Minutes of the last meeting were approved.

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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.

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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.

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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<br>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 Cardiopulmonary 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 Auxiliary 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<br>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-Destructive  
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.

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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<br>Organizations | 33                     | 118,894.97          |
|  | <u>2,064</u>           | <u>\$241,693.41</u> |

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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.

November 6, 1970 meeting, Board of Trustees

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.

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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><br>(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><br>(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.

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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.

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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.

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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.

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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.

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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

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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.

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Minutes of the last meeting were approved.

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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.

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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.

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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<br>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.

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

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<br>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

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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.

SUMMARY

|  |              |
|--|--------------|
| Administered Through the Office of Business and Finance        | \$844,342.00 |
| Received Through The Ohio State University Development<br>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> |

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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.

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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.

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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.

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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.

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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

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APPENDIX III

POOLED INCOME FUND TRUST AGREEMENT

and

INSTRUMENT OF TRANSFER

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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

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## 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 Middleclass 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 Preweaning 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 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, Munnalur, 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.Music (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

- Olga 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, Pittsburg, 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 Knuebe,  
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 Haupt,  
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 Henteleit, 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 Endebroek 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 Kneuve,  
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 Ettrich, 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.

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Minutes of the last meeting were approved.

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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.

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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.

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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<br>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<br>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

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

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

2. Industrial Research Contracts

|                     |  |
|---------------------|--|
| EES 353X<br>Ext. #1 | A Study of the $\text{Li}_2\text{O} - \text{P}_2\text{O}_5 - \text{Al}_2\text{O}_3$ System, Chase Brass<br>and Copper Company, Cleveland, Ohio.<br>Gross Value - \$3,333.00. |
| EES 383X            | Development and Study Program for Heat Losses,<br>Columbus & Southern Ohio Electric Company, Columbus,<br>Ohio.<br>Gross Value - \$10,081.00.                                |

TOTAL - Industrial Research Contracts \$13,411.00

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since December 4, 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     | \$1,363,787.00 |
| Received Through The Ohio State University Development Fund | 970,635.78     |

A. Administered Through the Office of Business and Finance

1. \$390,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for the Center for Research and Leadership Development in Vocational and Technical Education under the direction of the Center for Vocational and Technical Education. This grant terminates on February 28, 1971. (Grant No. OEG-3-7-000158-2037)
2. \$206,423.00 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, 1971 through December 31, 1971. (Grant No. 5 S01 RR05409-10)
3. \$110,158.00 granted by National Science Foundation, Washington, D. C., to the University for support of the 1971 Summer Institute in Mathematics for Secondary School Teachers under the direction of the Department of Mathematics. This grant terminates on September 30, 1971. (GW-6027)

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<br>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<br>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<br>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.

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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.

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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)

D. Interior Decorating for 1971

|                                     | <u>Low Bid</u> | <u>Est. of Cost</u> |
|-------------------------------------|----------------|---------------------|
| <u>General Contract</u>             |                |                     |
| (8 bids received 1-15-71)           |                |                     |
| Harold F. Mollenauer Co. (Columbus) | \$ 19,683.00   | \$ 57,000.00        |

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

E. Air Condition Main Library

|  | <u>Low Bid</u>       | <u>Est. of Cost</u>  |
|--|----------------------|----------------------|
| <u>Mechanical Contract</u>   |                      |                      |
| (10 bids received 1-12-71)   |                      |                      |
| Limbach Company (Columbus)   |                      |                      |
| Base bid   | \$ 422,400.00        | \$ 391,545.00        |
| Alt. M-1 Air Condition West Basement<br>and West First Floor             | + 48,360.00          | + 53,365.00          |
| Alt. M-3 Add modulating temperature<br>control for electric reheat coils | + 3,300.00           | + 8,384.00           |
| Total Contract   | <u>\$ 474,060.00</u> | <u>\$ 453,294.00</u> |

Electrical Contract

(8 bids received 1-12-71)

|  |                     |                      |
|--|---------------------|----------------------|
| Jess Howard Electric Co. (Columbus)    |                     |                      |
| Base bid                               | \$ 81,329.00        | \$ 118,640.00        |
| Alt. E-1 Electrical work for Alt. M-1  | + 5,818.00          | + 24,556.00          |
| Alt. E-3 Modulated duct heater control | - 474.00            | + 3,130.00           |
| Total Contract                         | <u>\$ 86,673.00</u> | <u>\$ 146,326.00</u> |

Total Contracts \$ 560,733.00 \$ 599,620.00

\*All base bids on the Mechanical 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.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, by a transfer from Budget Account 124435 (Library Operating) and by a transfer from Budget Account 149999 (General Reserve) to Budget Account 801236 (Air Condition Main Library).

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.<br>(Bellefontaine, Ohio)                |                        |                       |
| Base bid  | \$2,028,000.00         | \$2,382,000.00        |
| Alt. G-1 Additional enclosed space<br>on Fourth Floor             | 30,000.00              | 15,000.00             |
| Alt. G-2 Laminated plastic paneling<br>for dental cubicles        | 56,000.00              | 50,000.00             |
| Alt. G-6 Labeled doors and frames<br>for existing stairways       | 5,000.00               | N/C                   |
| Total Contract  | <u>\$2,119,000.00</u>  | <u>\$2,447,000.00</u> |
| <br><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<br>roof drains                 | 100.00                 | 2,000.00              |
| Total Contract  | <u>\$ 525,775.00</u>   | <u>\$ 599,000.00</u>  |
| <br><u>Heating, Ventilating and Air<br/>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<br>existing chillers             | 15,000.00              | 7,000.00              |
| Alt. H-5 Temperature control tie-<br>in to existing panel         | 19,000.00              | 30,000.00             |
| Total Contract  | <u>\$1,213,100.00*</u> | <u>\$1,162,000.00</u> |
| <br><u>Electrical Contract</u>                                    |                        |                       |
| (5 bids received 2-2-71)  |                        |                       |
| McCarty Brothers Electric Co.<br>(Columbus)                       |                        |                       |
| Base bid  | \$ 767,700.00          | \$ 652,000.00         |
| Alt. E-3 Fourth Floor lighting of<br>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<br>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><br>(3 bids received 2-2-71) |                       |                       |
| Smith and Schaefer (Columbus)                                    |                       |                       |
| Base bid   | \$ 44,602.00          | \$ 30,000.00          |
| <br>   |                       |                       |
| Total Contracts to be awarded at<br>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.

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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.

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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.

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.

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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.

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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.

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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)

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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.

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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.

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29.03. Election of Faculty Members.

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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.

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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.

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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.

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Minutes of the last meeting were approved.

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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.

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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.

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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<br>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<br>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

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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.

SUMMARY

|   |              |
|---|--------------|
| 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> |

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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.

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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><br>(7 bids received 2-9-71)<br>General Masonry Contractors, Inc.<br>(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><br>(6 bids received 2-17-71)<br>Jess Howard Electric Company<br>(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.

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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.

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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.

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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.

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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.

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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)

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O  
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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

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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)

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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.

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APPENDIX VII

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 19, 1971

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## 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 Pretting-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 Kathidjiotis, 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 Vliekis,  
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 Levenoood, 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 Agena,  
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 Calhoon, 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  
Jeffery Lynn Hawkins, Canton  
Andrea Lynn Heinlen, Wauseon  
Edwin Stewart Heminger,  
Belle Center  
Diane Valentino Henceroth,  
Grove City  
Sandra 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, Yeaddon, 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,  
Perryville  
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 Lanker 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)

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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.

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Thereupon the meeting adjourned.

Attest:

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Edward Q. Moulton  
Secretary

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John G. Ketterer  
Chairman

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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.

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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.

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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<br>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> |

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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><br>(4 bids received 2-2-71)<br>Hamilton Manufacturing Co.<br>(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><br>(4 bids received 3-15-71)<br>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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.)

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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.

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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.

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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.

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Minutes of the last meeting were approved.

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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.

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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.

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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.

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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<br>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

SUMMARY

|                               | No. of<br>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<br>Ext. #5 | An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio.<br>Gross Value - \$180,000.00.   |
| EES 361X<br>Ext. #1 | A Study of Testing Variance in Size Distribution Analysis of Course Aggregate Modification, Ohio Department of Highways, Columbus, Ohio.<br>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.

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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      |

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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.

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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)    | \$ 875,000.00         | \$ 1,262,087.00        |
| <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

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.

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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.

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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.

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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.

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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

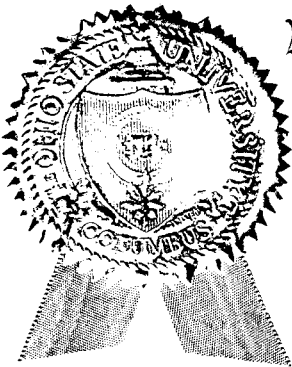
# The Ohio State University

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. Sawett*  
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.

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Thereupon the Board adjourned to meet Friday, June 4, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p. m.

Attest:

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Edward Q. Moulton  
Secretary

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John G. Ketterer  
Chairman

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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)

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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.

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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.

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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.

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Minutes of the last meeting were approved.

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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



June 4, 1971 meeting, Board of Trustees

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.

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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.

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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<br>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<br>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.

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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<br>Organizations | 46                     | 76,936.49           |
|  | <u>3,383</u>           | <u>\$288,018.12</u> |

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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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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<br/>Cost</u> | <u>Total Construction<br/>Cost</u> | <u>Total Change<br/>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.

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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.

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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<br>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.<br>(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<br/>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.

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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.

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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.

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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

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Thereupon the Board adjourned to meet Friday, July 2, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

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Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

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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)

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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.

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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.

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APPENDIX XI

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 11, 1971

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## 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.  
A.B. (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  
Firacabá, 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  $Q(e^{2\pi i/3})$   
*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, Winterville  
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)  
*Field of Specialization*: Speech

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,  
Perrysville  
*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, Cockeyesville  
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 McClell, 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 Small, 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 Vicen, 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 Wolover,  
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 Finn,  
 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  
 Sonja 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 Tengehou 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,  
Steubenville

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 Slagle 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 Bambaer, 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. Huffines, 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 Schimmelpefing,  
   Wadsworth  
 Dean Richard Schleppe, Westerville  
 Francis Joseph Schwamberger,  
   Wheelersburg  
 Patrick Gerald Scott 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 Yannittel, 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. (Muskogum 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 Snelvel, 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

Robert 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 Bapic, 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  
Rosalyn 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 Cattey, 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, Greenwich  
 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  
 Barbara 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

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\*Carl Alonzo Spencer, Jr., Salem  
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 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 Stockdale,  
 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  
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 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 Stagge, 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 Slifko, 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 Francy 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 Byrnett, 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  
R.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)

Gerhard Arno Hauptmann, Columbus  
B.S.

James Leon Hearst, III, Piqua

Philip James Hinko, Cleveland  
B.S. (John Carroll University)

Kent Howard Hoblet, Convoy

Gerald John Hufgard, South Euclid

James Louis Jarchow, Columbus

Casey David Jones, Dublin

Earl Lee Kittle, Southington

Paul Joseph Kleman, Columbus Grove

David Charles Koncal, Cleveland

Jerry Paul Lahmers, Newcomerstown

Phillip Timothy Lawson, Dayton  
B.S. in Agr.

James Andrew Lehnerd, Youngstown  
A.B. (Youngstown University)

Tommy Ray McElhaney, Negley

Kenneth Davis McKim, Springfield

John Gilbert Miller, Sugar Creek

Stanley Foster Myers, Beach City  
B.S.

William Donald Nelson, Westerville

Richard Allan Novak, Solon

Roger Orton Omwake, Tiffin

Conley Houston Painter,  
Peterstown, W. Va.  
B.S. (West Virginia University)

William Glessner Paull,  
Wheeling, W. Va.  
B.S. in Agr. (West Virginia  
University)

Jerry Lee Pearson, West Milton  
B.S. in Nutrition

James Richard Peters, Ashville

Edmund John Prescottano,  
Roslyn, N.Y.  
B.S. in Agr.

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

George Earl Sandusky, Jr., Thornville  
B.S. (Ohio University)

Steven William Schachter, Columbus  
B.A., M.S.

Caroline Brunsman Schaffer,  
Kettering  
B.S.

Daniel Edwin Schmiesing, Sidney

Robert Ray Schwartz, Lebanon

Chris Alan Seidler, Wheeling, W. Va.

Steven Lee Seps, Brookfield, Ill.

William Philip Shulaw, Ada

David Dell Spindler, Marietta

Jeffrey Warren Springer, Medina

Robert Charles Stanbery, Ashtabula

Marvin Dale Steed, Barnesville

Charles Albert St. Jean, Lowell, Mass.  
B.S.

Darryl Ernest Strobel, Wintersville

Howard Douglas Teague, Wooster

Terry Norman Teeple, North Jackson  
B.S. in Agr.

Gary Anthony Thrasher, Westlake  
B.S. in Agr.

Mark Warren Ulrich,  
West Alexandria

\*John Wayne Walters, Carrollton

Ronald Douglass Warner, Quaker City

John Thomas Weske, Sandusky

David Harold Wigton, Perrysville

Alva Clyde Wilson, New Vienna

Edward Joseph Winderl, Jr., Gahanna  
B.S. in Agr.

Carol Sue Wolfe, Fairborn

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

## 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 Carmignano, Cleveland  
 Sheila Fae Cassidy, Hialeah, Fla.  
 James Michael Cavanaugh, Columbus  
 Anton Ching-Tung Chin, Columbus  
 Patricia Sue Chipley, 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  
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