1970 - 1971

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, President

BOARD OF TRUSTEES

<table>
<thead>
<tr>
<th>Name</th>
<th>Term Beginning</th>
<th>Term Expiring</th>
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<tr>
<td>JOHN G. KETTERER, Canton</td>
<td>October 18, 1963</td>
<td>May 13, 1971</td>
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<td>ROBERT S. DORSEY, Cincinnati</td>
<td>December 11, 1970</td>
<td>May 13, 1972</td>
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<td>FREDERICK R. ECKLEY, Cleveland</td>
<td>May 5, 1969</td>
<td>May 13, 1973</td>
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<td>JAMES W. SHOCKNESSY, Columbus</td>
<td>August 2, 1965</td>
<td>May 13, 1974</td>
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<td>DON M. HILLIKER, Bellefontaine</td>
<td>January 15, 1967</td>
<td>May 13, 1975</td>
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<td>WILLIAM C. SAFFORD, Cincinnati</td>
<td>May 14, 1967</td>
<td>May 13, 1976</td>
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<td>JOHN H. DUNLAP, Williamsport</td>
<td>May 14, 1968</td>
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<td>M. MERLE HARROD, Wapakoneta</td>
<td>September 2, 1969</td>
<td>May 13, 1978</td>
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<td>JOHN L. GUSHMAN, Lancaster</td>
<td>December 11, 1970</td>
<td>May 13, 1979</td>
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<td>HOWARD D. SIRAK, Columbus</td>
<td>May 19, 1971</td>
<td>May 13, 1980</td>
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OFFICERS

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

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

2 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.


Minutes of the last regular meeting (June 11, 1970) and the special meeting (June 19, 1970) were approved.
July 9, 1970 meeting, Board of Trustees

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

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred--Summer Quarter Commencement

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

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

B. Honorary Degrees

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

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

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

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

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

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

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

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


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.
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

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<th>Contracts</th>
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<td>Grants</td>
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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)

      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 Tech-
      niques (to be known as Project No. 2738 - Mod. #P0064 - 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 Tech-
      niques (to be known as Project No. 2738 - Mod. #P0065 - 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 Investiga-
      tion 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
      Gross Value - $96,999.00.
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 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.


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.

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

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.

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.

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.
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 Hydrolases 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.


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.


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.

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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.

   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.

   Gross Value - $311,195.00.

   Gross Value - $18,157.00.

   Gross Value - $42,076.00.

   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.
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.

       Gross Value - $7,225.00.

       Gross Value - $10,710.00.

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

3. Industrial and Other Research Grants

       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.

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

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

SUMMARY

<table>
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<th>No. of Projects</th>
<th>Gross Value</th>
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<td>Industrial Research Contract</td>
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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 Ext. #3
Weldability of Timken High Strength Steels, Timken Roller Bearing Company, Canton, Ohio.
Gross Value - $1,500.00.

IV. GRANTS AND GIFTS

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

SUMMARY

Administered Through the Office of Business and Finance $1,906,650.00
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)
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, Office of Education, Washington, D.C., 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. 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. $86,146.00 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. $81,710.00 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)
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 GM01865-03)
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)
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:

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
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<tr>
<td>Alumni</td>
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<tr>
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<td>$26,985.58</td>
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<td>Nonprofit organizations</td>
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<td></td>
<td>3,205</td>
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Of these gifts, 2,281 totaling $27,366.53 were undesignated and 924 totaling $137,634.15 were designated.
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.

<table>
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<tr>
<th>National Science Foundation</th>
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<tr>
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<td>310083 Pharmacy Malspeis</td>
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<td>310088 Physics Riley</td>
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<td>310094 Geography King</td>
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Total National Science Foundation $ 24,138.22

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<td>320221 NIH - Nursing - King</td>
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July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

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Total U. S. Department of Health, Education and Welfare $482,684.17

U. S. Government - Other

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<td>390006</td>
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<td>390014</td>
<td>AID - India - Engineering</td>
<td>4,088.65</td>
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<tr>
<td>390019</td>
<td>AID - Guinea - Administrative Science</td>
<td>1,603.96</td>
</tr>
<tr>
<td>390034</td>
<td>AID - India - Agriculture</td>
<td>3,937.98</td>
</tr>
<tr>
<td>390035</td>
<td>AID - India - Agriculture</td>
<td>11,731.00</td>
</tr>
<tr>
<td>390044</td>
<td>AID - Administrative Science - Hurley</td>
<td>1,001.11</td>
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<tr>
<td>390052</td>
<td>AID - Administrative Science - Hurley</td>
<td>970.20</td>
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<tr>
<td>390054</td>
<td>AID - University of Illinois (Subcontract)</td>
<td>1,258.85</td>
</tr>
<tr>
<td>380060</td>
<td>Wright Patterson Graduate Center</td>
<td>24,828.53</td>
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<tr>
<td>390061</td>
<td>NASA - Administrative Science - Hurley</td>
<td>303.81</td>
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<tr>
<td>390062</td>
<td>AID - Laos - Agriculture</td>
<td>810.12</td>
</tr>
<tr>
<td>390063</td>
<td>USDA - Veterinary Medicine</td>
<td>13,067.85</td>
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<tr>
<td>390064</td>
<td>NASA - Administrative Science - Hurley</td>
<td>114.17</td>
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</table>

Total U. S. Government - Other $80,881.45
July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
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<tbody>
<tr>
<td>State Department of Education - Coon</td>
<td></td>
<td></td>
<td>$ 450.25</td>
</tr>
<tr>
<td>Board of Regents - Clark</td>
<td></td>
<td></td>
<td>23.87</td>
</tr>
<tr>
<td>State Department of Education - Jennings (Prior year)</td>
<td></td>
<td></td>
<td>(4.95)</td>
</tr>
<tr>
<td>Board of Regents - Hoover</td>
<td></td>
<td></td>
<td>227.23</td>
</tr>
<tr>
<td>State Department of Education - Hoffman</td>
<td></td>
<td></td>
<td>636.62</td>
</tr>
<tr>
<td>B.U.C.O. - Education - Peters</td>
<td></td>
<td></td>
<td>74.00</td>
</tr>
<tr>
<td>Continental Casualty Company</td>
<td></td>
<td></td>
<td>19,208.00</td>
</tr>
<tr>
<td>Association of American Geographers</td>
<td></td>
<td></td>
<td>2,526.91</td>
</tr>
<tr>
<td>Sloan Foundation - Chemistry - Gassman</td>
<td></td>
<td></td>
<td>294.82</td>
</tr>
<tr>
<td>P.A.S. Malaysia - Agriculture</td>
<td></td>
<td></td>
<td>2,430.00</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronautical and Astronautical Research Laboratory</td>
<td>801028</td>
<td>149993</td>
<td>$ (588.74)</td>
</tr>
<tr>
<td>Airport Runway Extension</td>
<td>801032</td>
<td>149993</td>
<td>21,784.52</td>
</tr>
<tr>
<td>Center for Tomorrow</td>
<td>801035</td>
<td>149993</td>
<td>37,307.91</td>
</tr>
<tr>
<td>Service Center - Phase II</td>
<td>801059</td>
<td>911685</td>
<td>(5,417.89)</td>
</tr>
<tr>
<td>Student Health Center</td>
<td>801066</td>
<td>180008</td>
<td>3,000.00</td>
</tr>
<tr>
<td>River Union and Drama Facility</td>
<td>801083</td>
<td>149999</td>
<td>754,035.00</td>
</tr>
<tr>
<td>Wiseman Hall Incinerator</td>
<td>801085</td>
<td>960200</td>
<td>121.92</td>
</tr>
<tr>
<td>Aircraft Apron and Fire Crash Building</td>
<td>801089</td>
<td>149993</td>
<td>1.86</td>
</tr>
<tr>
<td>Stadium Dorm. Kitchen</td>
<td>801091</td>
<td>149993</td>
<td>(5,780.33)</td>
</tr>
<tr>
<td>Hamilton Hall Renovation</td>
<td>801094</td>
<td>960200</td>
<td>(1,039.08)</td>
</tr>
<tr>
<td>Land Purchases</td>
<td>801099</td>
<td>149996</td>
<td>2,000.00</td>
</tr>
<tr>
<td>Power Plant - Fuel Oil System</td>
<td>801103</td>
<td>149993</td>
<td>(11,296.28)</td>
</tr>
<tr>
<td>Oxley Hall Remodeling</td>
<td>801109</td>
<td>149993</td>
<td>(130.80)</td>
</tr>
<tr>
<td>Golf Course Club House</td>
<td>801118</td>
<td>999000</td>
<td>16,831.67</td>
</tr>
<tr>
<td>Physics Building - Room 60</td>
<td>801117</td>
<td>149993</td>
<td>(1,698.43)</td>
</tr>
</tbody>
</table>
July 9, 1970 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Plant - Emergency Generator</td>
<td>801119</td>
<td>149993</td>
<td>$(3,959.07)</td>
</tr>
<tr>
<td>Military Science Building - Remodeling</td>
<td>801127</td>
<td>226314</td>
<td>52,002.53</td>
</tr>
<tr>
<td>Rightmire Hall (UVC No. 2)</td>
<td>801128</td>
<td>149997</td>
<td>44,000.00</td>
</tr>
<tr>
<td>The Dieter Cunz Hall of Languages</td>
<td>801129</td>
<td>149997</td>
<td>260,000.00</td>
</tr>
<tr>
<td>Ramseyer Hall</td>
<td>801134</td>
<td>149997</td>
<td>(725.45)</td>
</tr>
<tr>
<td>Power Plant - No. 5 Boiler</td>
<td>801136</td>
<td>149993</td>
<td>(10,474.63)</td>
</tr>
<tr>
<td>Derby Hall - Computer Facility</td>
<td>801158</td>
<td>149996</td>
<td>13,555.32</td>
</tr>
<tr>
<td>Plastic Greenhouses</td>
<td>801160</td>
<td>522459</td>
<td>4,405.00</td>
</tr>
<tr>
<td>Haskett Hall Remodeling</td>
<td>801168</td>
<td>149996</td>
<td>17,130.19</td>
</tr>
<tr>
<td>Systems Engineering Remodeling</td>
<td>801172</td>
<td>149993</td>
<td>41,875.00</td>
</tr>
<tr>
<td>Cockins Hall Remodeling</td>
<td>801181</td>
<td>149997</td>
<td>102,125.00</td>
</tr>
<tr>
<td>Service Building - Police</td>
<td>801185</td>
<td>134300</td>
<td>(1,701.30)</td>
</tr>
<tr>
<td>Starling Loving - Computer Facility</td>
<td>801196</td>
<td>960200</td>
<td>(100,000.00)</td>
</tr>
<tr>
<td>Pedestrian Bridge</td>
<td>801197</td>
<td>921300</td>
<td>21,000.00</td>
</tr>
<tr>
<td>Means Hall - Emergency Power Facility</td>
<td>801200</td>
<td>960200</td>
<td>(66,500.00)</td>
</tr>
<tr>
<td>Stadium Drive Improvement</td>
<td>801203</td>
<td>149997</td>
<td>58,480.00</td>
</tr>
<tr>
<td>Animal Science Building - Air Conditioning</td>
<td>801205</td>
<td>114863</td>
<td>1,186.00</td>
</tr>
<tr>
<td>Caldwell Laboratory Remodeling</td>
<td>801206</td>
<td>149997</td>
<td>76,000.00</td>
</tr>
<tr>
<td>Horticulture Building Remodeling</td>
<td>801207</td>
<td>149993</td>
<td>52,050.00</td>
</tr>
<tr>
<td>Welding Engineering Building Remodeling</td>
<td>801208</td>
<td>149997</td>
<td>20,450.00</td>
</tr>
<tr>
<td>Civil and Aeronautical Engineering Building Remodeling</td>
<td>801209</td>
<td>149993</td>
<td>127,741.00</td>
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<tr>
<td>University Hospital - Nursing Station</td>
<td>801210</td>
<td>960200</td>
<td>43,056.00</td>
</tr>
<tr>
<td>Olentangy Freeway Relocation</td>
<td>801211</td>
<td>124358</td>
<td>30,114.00</td>
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<td>Sisson Hall Remodeling</td>
<td>801212</td>
<td>125290</td>
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</tr>
<tr>
<td>University Hospital - Air Conditioning</td>
<td>801213</td>
<td>960200</td>
<td>142,068.00</td>
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<td>Pedestrian Bridge - Parking</td>
<td>801214</td>
<td>921300</td>
<td>133,900.00</td>
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<tr>
<td>University Hospital - Air Conditioning</td>
<td>801215</td>
<td>960200</td>
<td>120,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>46,270.00</td>
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V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Hospital - Air Conditioning</td>
<td>801216</td>
<td>960200</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>University Hospital - Remodel Radiology Area</td>
<td>801218</td>
<td>960200</td>
<td>42,000.00</td>
</tr>
<tr>
<td>Administration Building</td>
<td>801223</td>
<td>149996</td>
<td>12,240.00</td>
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<tr>
<td>School of Nursing - Equipment</td>
<td>801244</td>
<td>149999</td>
<td>37,500.00</td>
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<tr>
<td>Hospital Capital Reserve</td>
<td>809998</td>
<td>960200</td>
<td>(31,876.00)</td>
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<tr>
<td>Total</td>
<td></td>
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<td>82,573,799.83</td>
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</tbody>
</table>

VI. PLANS AND SPECIFICATIONS

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

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

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

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

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

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:
July 9, 1970 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Means Hall - Ventilation Systems Improvements - Phase I

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Contractor</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating, Ventilating, and Air Conditioning Contract</td>
<td>R. P. Alexander (Columbus)</td>
<td>$43,480.00</td>
<td>$81,840.00</td>
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<tr>
<td>Electrical Contract</td>
<td>Reco Electric, Inc. (Gahanna)</td>
<td>$18,827.00</td>
<td>$27,522.00</td>
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</tbody>
</table>

Total Contracts: $62,307.00 $109,362.00

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

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

VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

The Ohio State University Requests

22 Approves the purchase of property, 35.28 acres, Perry Township, Columbus School District, Franklin County, Ohio, for the College of Agriculture.

23 Authorizes the award of contracts to the low bidders for the project "Ohio Stadium - Artificial Turf."

24 Approves the release of $79,200 from Item 315-074 "Utilities and Renovation," H. B. 531, for the project "McCracken Power Plant Fuel Oil Storage Addition."

Ohio Board of Regents Request

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

A. Cockins Hall Remodeling - Employment of Architects

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

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

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

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

X. RESOLUTION IN MEMORIAM

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

A. Franklin Wales Marquis

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

Professor Marquis was born in Bloomington, Illinois, on May 7, 1883. He attended the University of Illinois where he received the Bachelor of Mechanical Engineering degree in 1905 and accepted a position with the C. V. Kerr Turbine Company. Professor Marquis noted that at this time in the history of engineering it was often advisable not to discuss or admit to having a college degree if you wanted to obtain the job. However, his excellent academic record and pleasant personality helped him in obtaining the position as draftsman and designer of recording equipment. He was the third engineer hired by the Kerr Turbine Company. In 1907 he returned to the engineering department and the Engineering Experiment Station of the University of Illinois. He obtained the degree Mechanical Engineer from the University of Illinois in 1909, for his work which was concerned with the development and testing of the instrumented dynamometer railroad car.
July 9, 1970 meeting, Board of Trustees

X. RESOLUTION IN MEMORIAM (continued)

A. Franklin Wales Marquis (continued)

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

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

Professor Marquis was a member of AAAS, ASEE, Sigma Xi, Alpha Delta Phi, Theta Tau and Tau Beta Pi.
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.
July 9, 1970 meeting, Board of Trustees

XI. REPORTS (continued)

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

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

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:

<table>
<thead>
<tr>
<th>Original Purchaser</th>
<th>Principal Amount</th>
<th>Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huntington National Bank of Columbus</td>
<td>$1,000,000</td>
<td>6.5%</td>
</tr>
<tr>
<td>City National Bank &amp; Trust Co.</td>
<td>$300,000</td>
<td>6.5%</td>
</tr>
</tbody>
</table>
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 1 Chilled plant additions (including electrical work) to provide required additional chilled water capacity.
July 9, 1970 meeting, Board of Trustees

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 condi-
tioning, 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.
XI. REPORTS (continued)

B. Report on University Hall (continued)

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

C. Report on the University’s Investment Portfolio

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

XII. COMMITTEE APPOINTMENTS FOR 1970-71

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

Finance and Investment Committee

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

Retirement and Insurance Committee

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

Development Fund Board of Directors (One-year term)

Don M. Hilliker
M. Merle Harrod

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

John H. Dunlap
XII. COMMITTEE APPOINTMENTS FOR 1970-71 (continued)

Association of Governing Boards of Universities and Colleges

John G. Ketterer

Inter-University Council

James W. Shocknessy

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

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman
APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY COMMENCEMENT CONVOCATION

September 4, 1970
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, 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 1923, 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 Ordinance 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 cataloging 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.
Doctor of Philosophy
Two hundred and twenty candidates

Abdel-Hamid Mohamed Abdel-Latif, Cairo, Egypt
B.A. (Cairo University); M.A. (Al 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 Alco, Rochester, N.Y.
B.S. (Idaho State University); M.A.
Dissertation: Asal 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., Schuylerville, 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.
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: 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 Lecanae Cuprinaeae, 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
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 (\emph{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 Lane 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 Chanee, 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.
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. Citrinicione, 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)
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.Edc. (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 Jones Eberle, Columbus
B.S. in Edu., M.Ed.
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 Aibangbe Ben Efionayi, 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.
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

Hailean Feldmiller, Cochranton, 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 Potentials 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: Catulus' 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

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.A.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.
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 Minard 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 Hartse, 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)
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.Eng. (University of Florida); M.S.Aero.Eng.
(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.Eng. (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 Imagenes en los Abecedarios
espirituales de Francisco de Osuna
Field of Specialization: Romance Languages

Don Thomas Martin, Columbus
B.S.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.Eng. (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
sweegeitii
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 Latham 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
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<thead>
<tr>
<th>Name</th>
<th>University/College</th>
<th>Degree(s)</th>
<th>Field of Specialization</th>
</tr>
</thead>
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<tr>
<td>Anne Elizabeth Moughon, Midland, Tex.</td>
<td>B.A. (University of Tulsa); M.Ed. (Harvard University)</td>
<td>Dissertation: An Investigation of Three Methods of College Foreign Language Placement</td>
<td>Field of Specialization: Education</td>
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<tr>
<td>Robert Joseph Mravetz, Gahanna</td>
<td>B.S.Ed. (Miami University); M.Ed. (Ohio University)</td>
<td>Dissertation: The Influence a Famous Athlete has on the Development of the Ideal Self in Eighth Grade Boys and Girls</td>
<td>Field of Specialization: Physical Education</td>
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<tr>
<td>Donna McKinley Nagely, Salina, Kan.</td>
<td>A.B. (Kansas Wesleyan University); M.A.</td>
<td>Dissertation: A Comparison of College-Educated Working Mothers in Traditional and Nontraditional Occupations</td>
<td>Field of Specialization: Psychology</td>
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<tr>
<td>Alok Comuntzis Nickles, Columbus</td>
<td>B.S. Ed. (Bloomsburg State College); M.S. (University of Pittsburgh)</td>
<td>Dissertation: Judging Clinical Behavior in Speech Pathology</td>
<td>Field of Specialization: Speech</td>
</tr>
<tr>
<td>Edward Okel, Worthington</td>
<td>B.S., M.A.</td>
<td>Dissertation: Modes of Resolving Differences as a Function of Marital Relatedness and Need for Approval</td>
<td>Field of Specialization: Psychology</td>
</tr>
<tr>
<td>Lawrence Elroy Olson, Columbus</td>
<td>B.A.A.E.</td>
<td>Dissertation: The Influence of Artificially Induced Turbulence upon Boundary-Layer Transition in Supersonic Flows</td>
<td>Field of Specialization: Aeronautical and Astronautical Engineering</td>
</tr>
<tr>
<td>Charles Allen Oprian, Parma</td>
<td>B.S. (Case Western Reserve University); M.S.</td>
<td>Dissertation: On the Exact Power Functions of Some Rank Tests for the Trend Alternative</td>
<td>Field of Specialization: Statistics</td>
</tr>
<tr>
<td>Dennis Nelson Pad, Columbus</td>
<td>A.B. (Albion College); M.A. (Case Western Reserve University)</td>
<td>Dissertation: The Educational Contributions and Activities of Rutherford B. Hayes</td>
<td>Field of Specialization: Education</td>
</tr>
<tr>
<td>Robert Lewis Pilgrim, Urbana</td>
<td>B.A. Sociology (Youngstown University); M.A.</td>
<td>Dissertation: Crime and Justice in a Small City</td>
<td>Field of Specialization: Sociology</td>
</tr>
<tr>
<td>W. J. Pitman, Murray, Ky.</td>
<td>B.S. (Murray State Teachers College); M.S.</td>
<td>Dissertation: Neurosecretory Sites in Three Species of Copepods: <em>Diaptomus Stagnalis</em>, <em>Diaptomus Sanguineus</em>, <em>D. hyalinos</em>, and <em>Calanus Finmarchicus</em></td>
<td>Field of Specialization: Zoology</td>
</tr>
<tr>
<td>Helen Mary Pollock, Santa Monica, Calif.</td>
<td>B.A. (University of Wisconsin); M.S.</td>
<td>Dissertation: RNA Transfer of Immunity Between Inbred Strains of Mice</td>
<td>Field of Specialization: Microbiology</td>
</tr>
<tr>
<td>Klaus-Dieter Post, Strongsville</td>
<td>B.A. (University of Bonn); M.A.</td>
<td>Dissertation: Zum Verständnis des Eich'schen Werkes aus dem Begriff der Angst</td>
<td>Field of Specialization: German</td>
</tr>
<tr>
<td>Rashmiraj Balkrishna Prabhoo, Bombay, India</td>
<td>B.Sc. (Hons.); M.Sc. (University of Bombay)</td>
<td>Dissertation: Theory of Superfluid Fermi Systems</td>
<td>Field of Specialization: Physics</td>
</tr>
<tr>
<td>Frederick William Preston, Toledo</td>
<td>B.A., M.A.</td>
<td>Dissertation: Red, White, Black and Blue: The Concept of Race in American Sociology: An Exploration in the Sociology of Knowledge</td>
<td>Field of Specialization: Sociology</td>
</tr>
</tbody>
</table>
Sathyavathinna Magadi Putterandraiah, Bangalore, India
B.Sc. (Hons.), M.Sc. (University of Mysore)
Dissertation: Operating Characteristics of Disc Focus
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., 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: Business Administration

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: Speech

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. (Elon 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 Ph.D., 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

B.A. (Iowa State Teachers College); M. of Science
(Massachusetts 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, Ill, 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-Test 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 (1760-1796)  
Field of Specialization: Music

John Milton Smith, Lancaster  
A.B. (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.Ed. (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.  
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

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

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: Education

Peter Szerenyi, Angola, Ind.  
B.S. (Cornell University); M.S.  
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

Josann John, John Donald Williams, Columbus
B.A., M.A.
Field of Specialization: Biochemistry

James Milton Waikman, Stow
B.S., M.A. (Kent State University)
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.
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 Welser, Palmyra, Ind.
B.S. in Bus., M.S. in Ed. (Indiana University)
Dissertation: Personal Problems of Disadvantaged and Advanced 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, Timmonssville, 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 Lycopersicum 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, Columbus
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

B.A. (Western Michigan University); M.A.
Dissertation: The Dramatic Imagination of Pascal: A Study of Techniques of Persuasion in the Pensees
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, (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 Devlebiss 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: Education

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

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

Dennis Gerald Belle, Newcomerstown
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

Nicki 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 Besanenc, 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 l'drettii 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

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

Lynda Todd Colgan, Flemingsburg, Ky.
A.B. (Morehead State University)
*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 Olvin 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 Delaplaine, 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,
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

Anne Patrizio Durette, Muncy, Pa.
B.S. (Pennsylvania State University)
*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*
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 Freibich, Hanover, Pa.
B.S. (Columbia University)
Field of Specialization: Philosophy

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

James Delbert Fuller, 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 Garnor, 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

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 Edu. (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 Hainin, 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: Education

Judianne Courtney 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 Hauersrath, Euclid
B.S. Ed., M.F.A. (Bowling Green State University)
Field of Specialization: Art

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

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

Jocie Arlene Hayden, Galion
B.S. (Florida Southern College)
Field of Specialization: Education

Kenneth Earl Heap, 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 Herzog, 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 Hooge, 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*  

**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 Jarnette, 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*  

**B.S. Ed. (Ohio University)**  
*Field of Specialization: Physical Education (Health 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 Kaduce, 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*
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>Institution and College</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kathryn Gantzert Karsh, Mazon, Ill.</td>
<td>Field of Specialization: Education</td>
<td>A.B. (Oberlin College)</td>
<td></td>
</tr>
<tr>
<td>Larry Robert Keadey, Centerburg</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu. (Capital University)</td>
<td></td>
</tr>
<tr>
<td>Linda Zimmers Keller, New Madison</td>
<td>Field of Specialization: Romance Languages</td>
<td>B.A. (Otterbein College)</td>
<td></td>
</tr>
<tr>
<td>Gerald Rene Kelley, Amherst, Mass.</td>
<td>Field of Specialization: Romance Languages</td>
<td>B.S. (Eastern Montana College of Education)</td>
<td></td>
</tr>
<tr>
<td>Marcia Overbeck Kepley, Columbus</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
<td></td>
</tr>
<tr>
<td>Donald Amos Kessler, Billings, Mont.</td>
<td>Field of Specialization: English (TESOL)</td>
<td>B.A. (North Central College)</td>
<td></td>
</tr>
<tr>
<td>Patricia Jean King, Wheaton, Ill.</td>
<td>Field of Specialization: Art</td>
<td>B.A. (Anderson College)</td>
<td></td>
</tr>
<tr>
<td>Leslie Anne Klein, University Park,</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
<td></td>
</tr>
<tr>
<td>James Earl Klinzing, West Allis, Wisc.</td>
<td>Field of Specialization: Physical Education</td>
<td>B.S. (Wisconsin State University)</td>
<td></td>
</tr>
<tr>
<td>Eugene Andrew Knight, Richmond</td>
<td>Field of Specialization: Education</td>
<td>B.S. Ed. (Kent State University)</td>
<td></td>
</tr>
<tr>
<td>Victor Nelson Knox, Columbus</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
<td></td>
</tr>
<tr>
<td>Thomas Preston Kridler, Steubenville</td>
<td>Field of Specialization: Political Science</td>
<td>B.A. (University of Pennsylvania); B.S. Edu. (Youngstown University)</td>
<td></td>
</tr>
<tr>
<td>Karen Lee Lako, Rocky River</td>
<td>Field of Specialization: Education</td>
<td>B.A. (Michigan State University)</td>
<td></td>
</tr>
<tr>
<td>Patricia Jarosi Lance, Toledo</td>
<td>Field of Specialization: Education</td>
<td>B.A. (Youngstown University)</td>
<td></td>
</tr>
<tr>
<td>Donna Alvarado Lane, Columbus</td>
<td>Field of Specialization: Romance Languages</td>
<td>A.B. (Ohio Northern University)</td>
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<tr>
<td>Frank Peter Lane, Columbus</td>
<td>Field of Specialization: Art</td>
<td>A.B. (Maryville College, Tennessee)</td>
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<tr>
<td>Carol Bechtel Leatherman, Columbus</td>
<td>Field of Specialization: Education</td>
<td>B.A. (Anderson College)</td>
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<tr>
<td>Julie Spira Ledsky, Cleveland</td>
<td>Field of Specialization: Education</td>
<td>B.A. (Denison University)</td>
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<tr>
<td>Laura Ann Leibowitz, Jersey City, N.J.</td>
<td>Field of Specialization: History</td>
<td>B.A. (Jersey City State College)</td>
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<tr>
<td>Andrea Durham Lentz, Columbus</td>
<td>Field of Specialization: History</td>
<td>B.A. (Youngstown University)</td>
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<td>Cynthia Burton Levy, Columbus</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
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<td>Ruth Ann Dodson Lewis, Columbus</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
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<td>Earl Elwood Linhart, Columbus</td>
<td>Field of Specialization: Music</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Donna Lipkowitz, Brooklyn, N. Y.</td>
<td>Field of Specialization: Political Science</td>
<td>B.A. (Brooklyn College)</td>
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<tr>
<td>Diane Lynn Liptack, Richmond Heights</td>
<td>Field of Specialization: Education</td>
<td>B.A. (Kent State University)</td>
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<td>Joan Stanbridge Lomax, Edmonton, Alta., Canada</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
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<td>Gary Roger Long, Edenton College</td>
<td>Field of Specialization: Education</td>
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<td>Amaaj John Loveday, Jr., Columbus</td>
<td>Field of Specialization: History</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Andrya Huffman Lowther, West Mansfield</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu.</td>
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<tr>
<td>J. Hernan Lozano, Buga, Colombia</td>
<td>Field of Specialization: Romance Languages</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Patricia Anne Lyons, Astoria, N. Y.</td>
<td>Field of Specialization: Education</td>
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<td>Ralph Nikola Macioci, Columbus</td>
<td>Field of Specialization: Education</td>
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<td>Lueellen Mack, Gary, Ind.</td>
<td>Field of Specialization: Education</td>
<td>B.A. Ed. (Langston University)</td>
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<tr>
<td>Mary Ann Madura, Dayton</td>
<td>Field of Specialization: Education</td>
<td>B.S. (Our Lady of Cincinnati College)</td>
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<td>John Howard Martin, Columbus</td>
<td>Field of Specialization: Education</td>
<td>B.S. in Edu. (Bowling Green State University)</td>
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<td>Robert Howard Martin, Vermilion</td>
<td>Field of Specialization: Education</td>
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<td>Pamela Wheeler Maxwell, Columbus</td>
<td>Field of Specialization: Education</td>
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<td>Kathleen Elizabeth McCarthy, Columbus</td>
<td>Field of Specialization: Speech</td>
<td>B.A.</td>
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<td>Patricia Kathleen McCoy</td>
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<td>Winifred Stevens McFarland</td>
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<td>Raymond Darrell McIntire</td>
<td>Marietta</td>
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<td>Rhoda Cooper McIntyre</td>
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<td>Howard Cooper McKinley</td>
<td>Sewell, N. J.</td>
<td>Education</td>
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<td>Sidney Edward McLaurin</td>
<td>Wooster</td>
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<td>Mary Margaret McLean</td>
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<td>Richard Paul McMillan</td>
<td>Mt. Vernon</td>
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<td>David Thomas McNamara</td>
<td>Delaware</td>
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<td>John Marshall Means</td>
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<td>Ann Salts Meehaffey</td>
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<td>Charles Arthur Meehaffey</td>
<td>Old Fort</td>
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<td>Carter David Mehl</td>
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<td>Cheryl Lynn Meredith</td>
<td>Bellbrook</td>
<td>Journalism</td>
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<td>Barbara Ann Michelakis</td>
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<td>James Craig Milani</td>
<td>Hasbrouck Heights, N. J.</td>
<td>Psychology</td>
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<td>Carole Lewis Miller</td>
<td>Worthington</td>
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<td>David Ellis Miller</td>
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<td>Betty Ellen Minder</td>
<td>Cincinnati</td>
<td>History</td>
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<td>Josephine Ondreicka Moore</td>
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<td>Marcia Ruth Morgan</td>
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<td>Suzanne Katz Morris</td>
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<td>Grace Anne Franklin Mullen</td>
<td>Fairborn</td>
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<td>Thomas Patrick Murphy</td>
<td>Bronx, N. Y.</td>
<td>English</td>
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<td>German</td>
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<td>Ronald Eugene Nocks</td>
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<td>Sharon Haley Norman</td>
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<td>Theatre</td>
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<td>Kenneth Alfred Parker</td>
<td>Euclid</td>
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<td>Patricia Wagner Parsons</td>
<td>Washington Court House</td>
<td>Agricultural Education</td>
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<td>Alice Jeanette Penrose</td>
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<td>Gregory Lee Peters</td>
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<td>Richard Ronald Pichel</td>
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<td>Richard Cecil Pilsbury, Jr.</td>
<td>Toledo</td>
<td>Education</td>
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</table>
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

Jennis 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 Haywood 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 Rockenwald, 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 Richy, 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

B.A.  
Field of Specialization: English

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

Janet Joate 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.S. in Edu.  
Field of Specialization: Education

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 Rohrkmper, 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 Runberger, Altdor, Pa.  
B.A. (Houghton College)  
Field of Specialization: Education

Thomas Joseph Saeco, 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 Sautcher, 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 Federbusch Schenemann, Columbus  
A.B. (Douglas College)  
Field of Specialization: Education

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

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

B.S. in B.A. (Drexel Institute of Technology)  
Field of Specialization: History

Roberta Rae Steele, 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. (Boston-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 Snead,
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 Sosnowsky, 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 Lidvia 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

B.S. (Seton Hill College)
Field of Specialization: Education

Hedwig Theresa 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,
Pasaic, 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. (Siena 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 Thistlwaite, 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

Ieno George Torges, Ostrander
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 Umlol, Columbus
B.A. (University of Wisconsin)
Field of Specialization: Education

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

Judith Ann Vercruisse, 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 Volkers, 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 Mannonett 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, Maripollio, 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

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

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

Karen Alexander Wilkins, 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

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 Wiercenski, 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

Louisa BeLinda Wyeth, 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 Zeiser, 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 Zimpfer, Piqua
B.A.
Field of Specialization: History

Master of Business Administration
Thirty-two candidates

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

Lunden 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. in Edu.
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

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.Admin. (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 Mander Parry, Columbus  
B.F.A.  
Field of Specialization: City and Regional Planning

Master of Fine Arts

Twelve candidates

Mary Katharyn 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)

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 (Sculpture)

Joanne Beaule 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)

B.S. (Indiana University of Pennsylvania)
*Field of Specialization: Fine Arts (Ceramics)

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

B.S. in Agr.
*Field of Specialization: Agronomy

B.A. (Case Western Reserve University)
*Field of Specialization: Chemistry

B.S. in Nurs.
*Field of Specialization: Nursing

B.S. (Bihar University); M.S. (Patna University)
*Field of Specialization: Industrial Engineering

B.S. in Nurs.
*Field of Specialization: Dentistry

B.S. in Agr.
*Field of Specialization: Agronomy

B.S. (University of Minnesota)
*Field of Specialization: Mathematics

B.S. in Nurs.
*Field of Specialization: Chemistry

B.S. (Panjab University)
*Field of Specialization: Mechanical Engineering

B.S. in Agr.
*Field of Specialization: Agronomy

B.A. (Case Western Reserve University)
*Field of Specialization: Chemistry

B.S. (Indiana University)
*Field of Specialization: Engineering

B.S. in Agr.
*Field of Specialization: Agronomy

B.A. (Lebanon Valley College)
*Field of Specialization: Mathematics

B.S.
*Field of Specialization: Chemistry

B.S.
*Field of Specialization: Mechanical Engineering

B.S.
*Field of Specialization: Mathematics

B.S.
*Field of Specialization: Mathematics

B.S.
*Field of Specialization: Mechanics

B.S.
*Field of Specialization: Mathematics

B.S.
*Field of Specialization: Mathematics

B.S.
*Field of Specialization: Mathematics

*Also Bachelor of Mechanical Engineering

College of Engineering
Field and Information

Josephine Kuduk
Mich.

Neil Allan Carron, Ann Arbor,

Field of Specialization: Computer
and Information Science

Roy Hudson Carwil, Columbus
B.S.

Field of Specialization: Geology

Nicholas Joseph Cercone,

Field of Specialization: Computer
and Information Science

Pittsburgh, Pa.

B.S. (College of Stuubenville)

Taiwan

B.S. (Taiwan Chen Kung University)

Ying-Hsueh Lin Chen, Tainan,

Field of Specialization: Chemistry

Taiwan

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 Agriculture
“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, Elyensburg, 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

Athanassios 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 Cari Gruke, 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.

Joseph Edward Hall, Graniteville,

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 Hennings, Gahanna
B.S.E.
Field of Specialization: Industrial Engineering

Thomas Joseph Henry, Versailles
Field of Specialization: Mechanical Engineering

Ronald Willard Hilwig, Tunkhannock, Pa.
(1.V.M. (Washington State University)
Field of Specialization: Veterinary Physiology and Pharmacology

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

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

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

Matthew Richard Intihar, Geneva
Field of Specialization: Electrical Engineering

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Virginia Ann Lohmenkuler,
Louisville, Ky.
B.A. (Earlham College); B.S. in Nurs. (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 LucChin, Chaguana,
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. Agr. (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 Noceera, 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

Engodie 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, Orlando, Tenn.  
B.S. in Nursing (University of Tennessee)  
Field of Specialization: Nursing

Mary Marqardt Power, Columbus  
B.S. in Nursing (University of Wisconsin)  
Field of Specialization: Nursing

William Howard Puckett, Jr., Columbus  
B.S. in Pharm.  
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. (Le Moyne College)  
Field of Specialization: Mathematics

Shirley Ann Smith, Columbus  
B.S. in H.E.  
Field of Specialization: Home Economics

Renee Maria Sordin, 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. (Glennie 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 Hoscarr 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 Umbarger, Jr., Columbus  
B.I.E.  
Field of Specialization: Industrial Engineering

Pandey Vejghurai, 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

Sung Wang, Hsinchu, Taiwan  
B.S. (National Taiwan University)  
Field of Specialization: Physics

***Charles Michael Weber, Marietta  
Field of Specialization: Welding Engineering

Robert 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 Hazlip 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 Younger, 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
The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts
Dean: Lee Rigsby

Bachelor of Arts
Eight candidates
Vicki Ann Barnhouse, Columbus
Bernard Ingmire Castell, Logan
Judith Ellen Christopher, Russell's Point
Susan Dugas, Dayton
Marshall 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 Aplbach, Toledo
Constance Marie Barnhardt, Columbus
Lawrence Joseph Bondi, Jr., Cincinnati
Carol Potts Briscoe, Columbus
Florencell Welch Cebular, Mansfield
Susanna Lavada Copeland, Columbus
Shirley MacCreary, Fairmont, W.Va.
Lana Barnes Dragon, Columbus
Elizabeth Smith Falk, Columbus
Silvera Austen Grant, Brooklyn, N.Y.

Mary Williams Green, Galion
Robert Henderson Gregg, Grove City
Warren Charles Hansen, Columbus
Claudia Catherine Kaussouf, Bay Village
Deborah Newton Knight, Balboa, Canal Zone
Mary Jean Knight, Columbus
Janice Irene Logan, Columbus
William Emmet Long, Columbus
Eric Mohl, Columbus
Melaina Marie Miller, Columbus
Nancy Anne Pfahl, Independence
Christine Payne Rooney, South Vienna
Michael Robert Seller, Toledo
Julia Carr Sherman, Cleveland Heights
Shirley Lucas Sowards, Columbus
Carol Lee Taylor, Worthington
Andy Louis Trohanis, Cincinnati

Bachelor of Science
Thirty-one candidates
James Lee Adams, II, Columbus
Fred Mason Bagley, Chesterland
Robert Laverne Beckford, Fostoria
Paula Jean Cotton Brez, Gallipolis
Richard Kenneth Burger, Red Bank, N. J.
Merlene May Cross, Bedford
Richard Scott Davis, Tipp City
John Duffy DeWalt, Hebron
Gail Keith Dow, Caledonia
Gregory Paul Eggert, Cincinnati
Joseph Michael Ferrara, Kent
Robert Wilson Ficer, Jr.
Canal Winchester
Dolores Rojas Fuller, Columbus
Donald Steven Han, Worthington
Edwin Jon Harris, Greenwich
Keith Eric Johnson, Cincinnati
Gregory Alan Kirsch, Columbus
Gary Dean Love, Delaware
Frank Mason Malot, Chagrin Falls
Milton Cornell Mason, Waterford
Bruce Guthrie Penske, Toledo
Jonina Schwartz, Youngstown
Margaret E. Siedelk, 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 Wolsinski, Bedford
Marilyn Rose Zipkes, Cincinnati

College of Biological Sciences
Dean: Richard Bohning

Bachelor of Arts
Three candidates
Mark Irwin Mentser, Columbus
Paul David Ruff, Lancaster
Gregory Stuart Uh, Worthington

Bachelor of Music
One candidate
John Boris 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 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
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
Annamaria Toselli Firaoo, Bari, Italy
Momvin Dean Fitzgerald, Albuquerque, N. M.
Helene Rose Francis, 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 Kannapeli, Jr., St. Louis, Mo.

Andrew Pentland Konin, Lyndhurst
Edward Leon Looehler, 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.S. (Kurukshetra University)

Frank Stanley Schwartz, Jr., Cincinnati

* Also Bachelor of Science in Education, College of Education
Thomas Rex Unkefer, Minerva
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 Arrington, 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 Russell 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 Dunhauer, 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 Paul 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 Heldren, 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
Jacqueline 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 McCrone, Troy
Nelson Grant McCray, Pataskala
Howard Robert McMuan, 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 Missetgh, East Liverpool
John Frederick Mitchell, Tigard, Ore.
David Allan Monroe, Findlay
Jerry Wilse Moore, Toledo
Karen Sue Mount, Milford
Frank Gerald Munyan, Columbus
Charles Joseph Niemeyer, Fort Jennings
Shirley Marie Pasholk, Columbus
Martha Mair Pope, Maplewood, N. J.
Alan Stanley Pressman, Columbus
DeLois Reed, Cleveland
Donald James Robinson, Columbus
Gary Samuel Rosh, Sardina
Randy Sheila Rudner, Johnstown, Pa.
Susan Mary Schafer, Columbus
Marie Teresa Schirzinger, Columbus
Vernon Lamont Schisler, North Jackson
Steven Lloyd Silverman, Albany, N. Y.
Jodelle Marye Sims, Dublin
Robert Lewis Sims, Fairborn
Hyla Ann Soliganick, Rochester, N. Y.
Robert George Stephens, Tiffin
Howard Jonathon Stiles, Wapakoneta
Herbert Lee Stout, Gahanna
John Edward Stratser, Eton
John Ulrich Stucki, Wilmot
Richard Louis Tellier, Westerville
Andrew Lloyd Turner, Columbus
Michael Richard Ulicky, Parma
Anthony Belgrano vanPoffen, Columbus
Larrie Frank Varner, 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. Bach, 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 Fraizer, III, Orient
Eugene Edward Hanneck, Cleveland
David Lawrence Heitmeyer, Westlake

* Also Bachelor of Science in Education, College of Education

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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.

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 Baric, 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, Woodfield
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 Howie Gill, Dayton
Steven Mark Goldman, Columbus
Rebecca Alice Gould, Worthington
Maceo Grigsby, Jr., Cleveland
Michael Walter Grumblatt, Marion
Arthur Henry Hauer, 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 Lueci, 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 McComb, 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 Moio, Bay Village
Robert Lee Morris, Dayton
Richard James Murdock, Akron
James Lee Myers, Columbus
William Grant Nelle, Jr., Columbus
Dennis Samuel Nerud, 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 Pineard, Columbus
Timothy John Puck, Massillon
Roger Lewis Purell, Leesburg
Jerald Stephen Radebaugh, Findlay
Michael Radtke, Wayne, N. J.
Charles Edward Ratliff, Columbus
Thomas David Rector, Columbus
Douglas Gene Reineke, Bellevue
Robert David Reutig, Columbus
Jack J. Rinchart, 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

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 Scarrow, Piqua
Donna Kay Schrake, Reynoldsburg
John Eldon Seaberg, Columbus
Robert Julius Tamasy, Somerset, N. J.
Marieanne Ramaekers Zegers, Columbus

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 Scarrow, Piqua
Donna Kay Schrake, Reynoldsburg
John Eldon Seaberg, Columbus
Robert Julius Tamasy, Somerset, N. J.
Marieanne 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 Baric, 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, Woodfield
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 Howie Gill, Dayton
Steven Mark Goldman, Columbus
Rebecca Alice Gould, Worthington
Maceo Grigsby, Jr., Cleveland
Michael Walter Grumblatt, Marion
Arthur Henry Hauer, 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 Lueci, 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 McComb, 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 Moio, Bay Village
Robert Lee Morris, Dayton
Richard James Murdock, Akron
James Lee Myers, Columbus
William Grant Nelle, Jr., Columbus
Dennis Samuel Nerud, 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 Pineard, Columbus
Timothy John Puck, Massillon
Roger Lewis Purell, Leesburg
Jerald Stephen Radebaugh, Findlay
Michael Radtke, Wayne, N. J.
Charles Edward Ratliff, Columbus
Thomas David Rector, Columbus
Douglas Gene Reineke, Bellevue
Robert David Reutig, Columbus
Jack J. Rinchart, 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
Thirty-one candidates
Janet Darlene Renner, Westerville
Robert John Clinton, Columbus
Asenath Arthur Reid, Columbus
Christopher Cleveland, Delphos
Steven Schoolman, Dayton
Gerard Gregory Carl, Columbus
Timothy Edward Neff, Columbus
Barbara Sue Randall, Toledo
Lynne Mollie Elizabeth Neff, Columbus
Mansfield
Lydell 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.
Jane Alice Davis, Newbury
Dennis Wayne Duncan, Coshocton
Larry Lee Edwards, Quincy
Thomas Claude Fetzer, Sardina, N. Y.
George Arthur Gintner, Middletown
Jonathan Goodson, East Concord, N. Y.
Michael Bruce Grappone, Wilmington
Edwin James Hammet, 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 Kopper, 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, Shilo
Frank Eugene Postle, Delaware
Daniel Martin Rohe, Columbus
John Matthew Stark, Glens Falls, N. Y.
James Carroll Tuttle, Youngstown
Jay William Vance, Galloway
Henry Alvin Vaughan, Dayton
James Robert Vavra, Cuyahoga Falls
†Neil William Wilson, Newark

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.
Jane Alice Davis, Newbury
Dennis Wayne Duncan, Coshocton
Larry Lee Edwards, Quincy
Thomas Claude Fetzer, Sardina, N. Y.
George Arthur Gintner, Middletown
Jonathan Goodson, East Concord, N. Y.
Michael Bruce Grappone, Wilmington
Edwin James Hammet, 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 Kopper, 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, Shilo
Frank Eugene Postle, Delaware
Daniel Martin Rohe, Columbus
John Matthew Stark, Glens Falls, N. Y.
James Carroll Tuttle, Youngstown
Jay William Vance, Galloway
Henry Alvin Vaughan, Dayton
James Robert Vavra, Cuyahoga Falls
†Neil William Wilson, Newark

School of Social Work
Bachelor of Science in Social Welfare
Thirty-one candidates
Sharon Kay Asbury, Columbus
Joseph Buchmann, Westerville
Margaret Luella Buehman, 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 Lauver, Jr., Fort Collins, Colo.
Helen Patricia Legg, Columbus
Wayne John Lewis, Newark
Robert Paul Maier, Massillon
Michael Jan McDermott, Linus
Michele Christine McElvick, 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 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, Grovetown
Carol Ann Bethel, Urbana
Dian Claire Bower, Columbus
Kathryn Marie Bucher, Elyria
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 Jouice Janes, Washington Court House
Virginia Bell Johnson, Zanesville
Judith Schott Keil, Lima
Judith Kunz 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

College of Dentistry
Dean: John R. Wilson

Doctor of Dental Surgery
Three candidates
Stephen John Doelker, Dayton
B.S. (University of Dayton)
Mary Roy Oettinger, Cincinnati
B.S. (University of Cincinnati)
Bruce Harris Trusler, Sidney
B.S.

Certificate of Graduate Dental Hygienist
One candidate
Rita Lynn Engelman, Columbus
B.A. (Miami University)

Bachelor of Science in Education
Two hundred and seventy-three candidates

College of Education
Dean: Luvern L. Cunningham

Bachelor of Science in Education
Two hundred and seventy-three candidates
Rebecca Ann Allaire, 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 Wilcoxen 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
Marlyn 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 Brunson, Yellow Springs
Kathleen Genevieve Buchholz, Wooster
Mary Susan Ott Bunce, Lebanon
Jerry Iwan Bunn, Columbus Grove
Joseph Gale Burns, Barberville
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
Murmuol 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.
Juliana R. Cochran, Fredericktown
* Also Bachelor of Arts
College of the Arts and Sciences
Jerald Alan Cohen, Shaker Heights
Stephanie Chaplin Cohen, University Heights
Carol Buchholzer Cole, Terrace Park
Diana Bauer Collins, Marion
Michael Richard Clothman, Columbus
Andrew L. Cowan, Dayton
Emily Clarke Davidson, Columbus
Edna Hoan Davis, Mt. Gilead
William John Davis, III, Louisville, Ky.
James Alan Dibert, Ohio City
Leo DiFrancesco, Columbus
Mary Kay Donn, South Solon
Sally Ann Duckwall, Alexandria, Va.
Deborah Elaine Durie, Wooster
Judith Rae Duris, Blacklick
Janis Bloom Eldridge, Columbus
Betty Ballard Ely aeros, Columbus
Peggy Lindsay Erdhart, West Burlington, Ia.
Barbara Jeanne Etter, Dayton
David Franklin Elder, Lima
Cheryl Elaine Fee, Columbus
Sally Ann Ficus, Massillon
Bruce Robert Flack, Cleveland
Kathleen Rager Fleming, Van Wert
Sara Bryant Foreman, Bucyrus
Sharon Kay Frank, Bucyrus
Raymond Eugene Funk, Jr., Willard
Joan Young Galbreath, Columbus
Lawrence E. Gantzverg, University Heights
Stephen Warner Gaston, St. Clairsville
Kathleen Hughes Gatto, Columbus
Deborah Joy Geichman, Columbus
William Jeffrey Gerberich, Mansfield
James Clinton Geyer, Roseville
Charlotte Faye Goin, Columbus
Larry Norman Gold, University Heights
Mary Ann Gormin, West St. Paul, Minn.
Kenneth Dean Gould, Columbus
Valoria Ann Grella, Grafton
Larry Lee Griffith, Mt. Sterling
Karen Slagle Grinshaw, Vandalia
Lloyd Thomas Grinstead, Columbus
Jean Ann Grezen, Columbus
Barbara Jean Gunter, Delphos
Georgia Laude Hackett, London
Deborah Fiskill Hazzard, Canton
William Mark Hanna, Dayton
Jan Shela Hardie, Columbus
Donald Mathew Harlow, Kettering
Nancy Lee Harper, Norwood
Warren Joseph Harper, Columbus
Sandra Michele Hartle, Columbus
Ruth Campbell Hartman, Plymouth
Barbara Hauer, Dublin
Darrel Timmons Henderson, Columbus
Mary Kathryn Herd, East Liberty
Charlotte Reese Hess, Austinburg
Ronald Allen Hibbard, Newark
Connie Klenzman Hickman, Marion
Michael Steven Hobbs, Columbus
Diane Smith Hodson, Columbus
Katherine Hoffer Hoffeld, Cincinnati
Diana Hoover Hoffman, Marysville
Sandra Lee Holecombe, Sunbury
Betty Lou Carpenter Holmes, Newark
Barbara Lynn Holt, Chicago, Ill.
Marsha Lynn Houston, Columbus
Mary Sue Howdyshell, New Lexington
Shirley Ann Hutchinson, Armona
Robert John Jackson, Columbus
Marie Agnes Janacek, Elyria
Susan Jenkins, Jackson
Marjorie Gibbons Jewett, Hilliard
Cynthia Anne Johns, Parma
Jerry Keith Jones, Reynoldsburg
Linda Gaye Jones, Radnor
Maryann Belle Kane, Columbus
Remo Mario 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 Lynne Kjellman, Allison Park, Pa.
Pamela Britton Knapp, Columbus
Doris Peter Korelub, Parma
Candace Darby Korthals, Euclid
Barbara Frances Lamont, Bellefonte
Debra Smith Lee, Park Forest, Ill.
Jerry Glen Leonard, Pickerington
Diane Romane Linder, Cincinnati
Rose Marie Urban Ling, Mansfield
Sonya Flowers Louker, Columbus
Marcia Moore Lockhart, Columbus
Charlotte Rondy Maggard, Mansfield
Robert Francis Mahk, Crestline
Nancy Mather Mally, Marion
Howard Joseph Mann, Columbus
Dan Peter Marshall, Columbus
Margaret Julia Martin, Columbus
Columbia Station
Patricia Ann Maughlin, Columbus
Kathleen Marie McAndrew, Columbus
Regina Church McArtor, Thornville
Linda Hawk McChesney, Bellville
Linda Sue McGeorge, Hilliard
Annabell Marlys McGhee, Hamilton
Stephanie Harnett Mendelson, Columbus
Phyllis Prizant Menzies, Cleveland
Charles Robert Miller, Waynesville
Diane Kay Miller, Galloway
Gary Lee Miller, Newcomerstown
Jan Goldstein Miller, Loralin
Gwen Joan Minta, Hilliard
Marilyn Fay Moeller, Fairview Park
Fern Diane Morrison, Cleveland
James Michael Mudd, Dayton
Danny Ray Murray, Columbus
Nancy Sue Muchler, Ashland
Carolyn Anling Myers, Westerville
Martin Albert Myers, Huron
B.A. (The Pontifical College Josephinum)
Mary Lynn Nash, Gallipolis
Ilse Hawkins Nathen, Warsaw
Christine Goddard Naughton, Columbus
Michael David Nethero, Columbus
Marvin Albert Neubig, Columbus
Emily Ruth Newman, North Canton
Steven Clyde Nigh, Galion
Virginia Lee Novick, Euclid
Judith Korn Oppenheimer, Columbus
Nancy Eveson Osborn, Columbus
Margaret 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 Poikeling Paxton, Dayton
Margaret Louise Perl, Mansfield
Virginia Mary Ann Pierants, Mansfield
Brunswick
Jacqueline Louise Pierson, Delaware
Luvonne Lawson Pitts, Grafton
Ann Elizabeth Poelking, Rocky River
Carmel Jean Precario, Cleveland
Stephanie Prestinta, Youngstown
Katherine Gees Raines, Columbus
Jeri Ann Rapp, Mt. Sterling
Diana Marlene Redman, Columbus
Lynn Lundholm Reichenbach, Elyria
Timothy Lloyd Reno, London
Pamela Jean Renshaw, Columbus
Thomas Alan Romack, Leawittsburgh
Rodney Roseace, 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
Galu Sue Sabor, 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 Schoer, 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 Barbree Sceley, Grove City
Gail Anne Sells, Cleveland Heights
Wendell Wilson Shaffer, Jr., Canton
Robert Condon Shaufler, Mansfield
John Edward Shaleski, Mansfield
Michael Leidy Smith,
University Heights
John Joseph Sondej,
Garfield Heights
Kathy Irene Sowalsky, Columbus
Jonna Parrish Stall, Columbus
Joann Waters Standley, Galtion
Daniel Robert Stanovich, Crestline
Marilyn Reiss Stout, Fredericktown
Theodore Howard Sutton, Columbus
Marianne Bruehl Tepper,
Shaker Heights
Jeffery David Thompson, Newark
Richard Kevin Thorpe, Marion
Jacqueline Booth Traini, Columbus
Daniel Hershel Trease, Jr.,
Upper Sandusky
Michael Charles Tripp, Columbus
Lynn Cheryl Vandiver,
Fremont, 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 Warnack Welch, Columbus
Suzan Snively Wellman, Bellville
Barbara Joan Wetzler, Columbus
Joseph David Whitcomb, Mansfield
Mary Ernst Whitt, 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 Wighton, Perryville
Donald Eugene Wilgus, Hilliard
Deborah Ellen Willis, Flushing, N. Y.
Norma Jean Burr Wilson.
Washington Court House
Todd Theron Wise, Columbus
Carol Jaffray Woodruff.
Bethesda, Md.
Linda Ann Woelard, Newark
Myron Lowell Yates, Columbus
Steven LaRoy Yeoman, Marion
Lee James Zimmerman, Worthington
Janet Lea Zook, Wapakoneta

Bachelor of Fine Arts
Offered jointly by the
College of The Arts and the
College of Education
Six candidates
Timothy Dale Demyan, Lorain
Marianne Kayes Gilliam, Columbus
David Karl Grumbach, Fairview Park
Linda Christine Nettleship,
Cincinnati
LeAnn Hadley Riley, Columbus
Guy Moss B.F.A.
**Andy Louis Trojanis, Cincinnati
Katherine MaryAnn Wieczkand,
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 Schutz, Ashtabula
Ronnie Wayne Wells,
North Ridgeville

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 Lorch, Canton
Walter Robert Nixon, Painesville
William Paul Skinner, Columbus
Danley Bryan Wolfe, Columbus

Civil Engineer
One candidate
Francisco Javier Godey- Arriaza,
Guatemala, Guatemala
Ing.Civil (University of San Carlos,
Guatemala)

Bachelor of Science in
Civil Engineering
Four candidates
Anthony Lee Allion, Bloomdale
Glenn Weiden 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 Goekel, Chagrin Falls
Rodney Merrill Hacker, Worthington
Marka Wagstaff Loughlin,
Binghamton, N. Y.
Richard Dale Mazo, 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
Bachelor of Electrical Engineering
Thirteen candidates
Craig McClain Cheatham, Columbus
*Michael Edward Greene, Columbus
Bruce Carroll Huntzinger, Sandusky
Matthew Richard Isthar, Geneva
Robert Earl King, Kenton
Bruce Rockwell Kinney, Columbus
James Daniel Kuebler, Lorain
Marshall Neal Kufiss, Germantown
David Mark Lachman, Lorain
James Dominle Mieckoski, Seven Hills
Michael Joseph Spires, Columbus
*John William Wall, Columbus
Hsuchiao 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
*Merill Dallain Phean, Columbus
Paul Ray Reussuer, 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 Halmert, 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 Collins, Columbus
Lawrence Edward Karonak, Painesville
Robert Steven Kish, Cleveland

Bachelor of Welding Engineering
Three candidates
Jay Martin Collins, Columbus
Charles Douglas Somers, Alliance
*Charles Michael Weber, Marietta

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, Gallion
Dixie Ann Goodwin, Columbus
Marilyn Polster Katzel, Shaker Heights
Mary Lee Lippert, Wyoming
* Also Master of Science, Graduate School

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)
Alan Cecil Wine, Youngstown
B.S.
Judith Braslaw 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
Tamara Ann Davis, Columbus
Carolyn Sue Freet, Springfield
Phyllis Ann Hinaman, Marion
Patricia Ann Hunter, Warren
Arlene Cecile Marx, Pittsburgh, Pa.

Bachelor of Science in Architecture
One candidate
Karl Raymond Mrozek, Mountainside, N. J.
Marsha Goodwin Mitchell, Youngstown
Pamela Kay Schmenk, Enon
Nancy Wallace Tidrick, Westwood, Mass.
Joyce Kaylene Troyer, Elida

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 Endslay, Cuyahoga Falls
Janet Marie Fleming, West Salem
Carol Margaret Kopcsos, 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

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)
B.A. (Muskingum College)
Elisabeth Ann Lohrman, Grand Rapids, Mich.
B.S. (Michigan State University)
William Toshio Maehori, 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)
Graduates with Honors

Summa Cum Laude

Karen Miller Ahtjevych, Columbus
Jay Martin Collins, Columbus
Mary Kay Dorn, South Seoul
Betty Ballard Ellwood, Columbus
Debra Smith Foe, Park Forrest, Ill.
Maureen Ellis Lippert, Lancaster
Carolyn Angel 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

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

Michael Eugene Balmert, Pittsburgh, Pa.
Penny Jo Breen, Cridersville
Jerry Alden Boling, Mt. Vernon
Charles Christopher Bowlus, Columbus
Leslie Joan Boyle, Cambridge
Erwin James Bruntz, Columbus
Kathryn Marie Burcher, Elida
Thomas Elsworth Burroughs, Jr., Euclid
Susan Burrows, Worthington
Mary Caiger Buzzby, Grove City
Stephen Joseph Carr, Columbus
Craig McClain Cheetham, Columbus
Suwan Diaz, Dayton
Elizabeth Smith Faik, Columbus
Michael Edward Greene, Columbus
Thomas Joseph Henry, Versailles
Bruce Carroll Hantzinger, Sandusky
Raymond Eugene Knotts, West Manchester
Marshall Neal Kurfuss, Germantown
Michael Curtis McBrayer, Columbus
Phyllis Prizant Menter, 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 Swanson, Akron
Nash Ray Uebelhart, Canton
William Philip Whalen, Lima
Daniel Bryan Wolfe, Columbus
Linda Ann Woolard, Newark
Robert Scott Wynn, Rome

Cum Laude and with Distinction in Agricultural Economics

John Kelly Lynam, Bethel

Cum Laude and with Distinction in Home Economics

Patricia Douce Janes, Washington Court House

With Distinction in Economic Anthropology

Anthony Belgrano vanFossen, Columbus

With Distinction in Horticulture

Roy Kenneth Daum, Freehold, N. J.
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.


Minutes of the last meeting were approved.
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.
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.


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

*Rule initiated by Board of Trustees.
September 10, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1101. Provost and Vice President for Academic Affairs. * (continued)

academic officer of the University responsible directly to the President of the University for all matters relating to the academic program of the University.

Section 2. The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents of the University which relate to the academic program of the University.

Section 3. The principal administrative officials of the Office of Provost and Vice President for Academic Affairs shall include such associates as may be authorized from time to time.

*Rule initiated by Board of Trustees.
I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11. 1102. Executive Vice President for Administrative Operations and Secretary of the Board of Trustees. *

Section 1. The Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall serve as chief operating officer responsible directly to the President for all matters relating to the administrative functions of the University.

Section 2. The major area of responsibility and authority for the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the conduct and evaluation of all administrative operations and procedures of the University; for the Secretaryship of the President's Cabinet, the Administrative Council and the Board of Trustees; the University staff function; the direct administration of the Division of Campus Planning, the University Archives, admissions, registrations, the "affirmative action programs" of the University; coordination of traffic and parking facilities and the regulations pertaining thereto; the coordination of computer operations of the University; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents of the University which relate to the administrative operations of the University.

Section 3. The principal administrative officials of the Office of the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees shall be the Director of Campus Planning, Director of Admissions, Registrar, Administrator of the University's Affirmative Action Program, Archivist, and such other associates as may be authorized from time to time.

11. 1103. Vice President for Business and Finance. *

Section 1. The Vice President for Business and Finance shall be the executive head of the Office of Business and Finance.

*Rule initiated by Board of Trustees.
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. 1103. Vice President for Business and Finance.* (continued)

Section 2. The major area of responsibility and authority of the Vice President for Business and Finance shall be that of the business and finance functions of the University. Without limiting the generality of the foregoing, the Vice President for Business and Finance shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be the Treasurer and the Chief Fiscal Officer of the University and be responsible and have the requisite authority for: the business management of the University; the architectural planning and construction of new buildings; the operation and maintenance of all buildings and the care and maintenance of grounds; the purchasing, warehousing, and distribution of supplies and equipment; the maintenance of all equipment; the recruitment of non-instructional personnel; the preparation and processing of all payrolls; the administration of sick leave and vacation policies of all employees of the University except instructional personnel; the administration of contracts and grants with federal and state agencies including financial reports, overhead studies and negotiation thereof; the administration of all University housing facilities including program, operation and maintenance; and the establishment of investment policies with the concurrence of the President and the approval of the Board of Trustees.

Competitive bids shall be sought in all cases wherein the best interests of the University and the State of Ohio will be served by such competition, notwithstanding the fact that competitive bidding may not be required by any provision of law. The foregoing requirement of competitive bidding shall not apply to personal services and may be waived by the Vice President for Business and Finance in emergencies or where it is not practical to have competitive bidding.

Section 3. The Vice President for Business and Finance may serve as the Treasurer of The Ohio State University Development Fund and the Student Loan Fund.

Section 4. The principal administrative officials of the Office of Business and Finance shall be the Assistant Vice President for Finance, the Assistant Vice President and Business Manager, the Assistant Vice President for Physical Facilities, the University Architect, the Director of

*Rule initiated by Board of Trustees.
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)

11.1103. Vice President for Business and Finance.*

(continued)

Construction, the Director of Physical Plant, the Director of Nonacademic Personnel, the Director of University Housing, and such other associates as may be authorized from time to time.

11.1104. Vice President for Student Affairs.**

Section 1. The Vice President for Student Affairs shall be the executive head of the Office of Student Affairs.

Section 2. The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling and testing, student financial aids and scholarships, off-campus student housing; nonacademic scheduling of University facilities, student orientation program, and student statistical services.

Section 3. The principal administrative officials of the Office of Student Affairs shall be the Dean of Students, Executive Dean for Student Statistical Services, Director of University Health Service, Director of Student Financial Aids, Director of Off-Campus Housing, Director of Athletics, Director of the Ohio Union, and such other associates as may be authorized from time to time.

11.1105. Vice President for University Development.*

Section 1. The Vice President for University Development shall be the executive head of the Office of University Development.

*Rule initiated by Board of Trustees.
I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1105. Vice President for University Development.* (continued)

Section 2. The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records, governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the management of Mershon Auditorium.

Section 3. The principal administrative officials of the Office of University Development shall be a Director of Public Relations, Director of University Publications, Director of News, Director of the Alumni Information Center, Manager of Mershon Auditorium, and such other associates as may be authorized from time to time.

11.1106. Vice President for Educational Services.*

Section 1. The Vice President for Educational Services shall be the executive head of the Office of Educational Services.

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; and the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science.

*Rule initiated by Board of Trustees.
I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1106. Vice President for Educational Services.*
(continued)

Section 3. The principal administrative officials of the Office of Educational Services shall be the Assistant Vice President for Continuing Education; the Director of the Telecommunications Center, the Director of the University Libraries, the Director of the Department of Photography and Cinema, the Director of the Listening Center, and the Director of the Teaching Aids Laboratory; and the Chairman of the Department of Air Force Aerospace Studies, the Chairman of the Department of Military Science, and the Chairman of the Department of Naval Science and such other associates as may be authorized from time to time.

11.1107. Vice President for Medical Affairs.*

Section 1. The Vice President for Medical Affairs shall be the executive head of the Office of Medical Affairs.

Section 2. The major area of responsibility and the authority of the Vice President for Medical Affairs shall be that of medical affairs at the University. Without limiting the generality of the foregoing, the Vice President for Medical Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of the University Hospitals, the Animal Laboratories, and the Medical Library; the development of a comprehensive master plan for the Medical Center in cooperation with the University's Office of Campus Planning; the coordination of the Mental Retardation Facility and of radiation safety activities on the campus; the development of and overall supervisory authority for various regional medical programs; the development of agreements and cooperative arrangements with various regional and governmental hospital facilities; and the administration of all nonacademic aspects of the College of Medicine and the Schools of Allied Medical Professions and Nursing through the Dean of Medicine.

Section 3. The principal administrative officials of the Office of Medical Affairs shall be the Dean of Medicine in all nonacademic matters, the Administrator of the

*Rule initiated by Board of Trustees.
I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.1107. Vice President for Medical Affairs. * (continued)

University Hospitals, the Director of Medical Center Planning, the Director of Animal Laboratories, the Director of the Medical Library, the Director of the Regional Medical Programs, and such other associates as may be authorized from time to time.

11.1108. Vice President for Regional Campuses and Dean of the University College. *

Section 1. The Vice President for Regional Campuses and Dean of the University College shall be the executive head of the Office of Regional Campuses and the University College.

Section 2. The major area of responsibility and the authority of the Vice President for Regional Campuses and Dean of the University College shall be that of the general administration of the regional campuses of the University and the University College. Without limiting the generality of the foregoing, the Vice President for Regional Campuses and Dean of the University College shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for each of the regional campuses of the University and the University College; the coordination of the academic programs offered through these units with the administrative officials of the Colleges of the University; and the coordination of nonacademic matters with the principal administrative officials who have University-wide responsibility for such matters.

Section 3. The principal administrative officials of the Office of Regional Campuses and the University College shall be the Director of the Lima Campus, the Director of the Mansfield Campus, the Director of the Marion Campus, the Director of the Newark Campus, and such other associates as may be authorized from time to time.

*Rule initiated by Board of Trustees.
I. GENERAL RECOMMENDATIONS (continued)

F. Reorganization and Realignment of Central Administrative Structure of The Ohio State University (continued)

11.13. Principal Administrative Officials.*

Section 1. The principal administrative officials in the Offices of the Cabinet Members shall be appointed by the Board of Trustees upon the nomination of the President. Recommendations regarding these appointments will be made to the President through the appropriate coordinating deputy, either the Provost and Vice President for Academic Affairs or the Executive Vice President for Administrative Operations and Secretary of the Board of Trustees of the University following appropriate consultation.

Section 2. Each principal administrative official shall have such responsibility and shall exercise such authority as may from time to time be delegated to him by the Cabinet Member to whom his office is attached. He shall be responsible to his Cabinet Member for the activities of his office and shall report directly to that Cabinet Member.

Section 3. Appropriate records shall be kept by all of these administrative officials and shall be available to the President, to the University Ombudsman, or the appropriate Cabinet Member upon request.

Section 4. Unless otherwise specified, all assigned responsibilities shall be on a University-wide basis including the Regional Campuses of the University.

Section 5. In the rules following this section specific responsibilities are assigned to the Director of Libraries, Registrar, Director of Admissions, and Director of Athletics. Further responsibilities may be assigned from time to time in accordance with Section 2 of this Rule 11.13.

*Rule initiated by Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Board of Trustees by unanimous roll call vote approved the reorganization and realignment of the Central Administrative Structure of The Ohio State University and the changes in the Rules for the University Faculty to accomplish this purpose; the Secretary of the Board of Trustees was instructed and given authority to make the appropriate changes in the next printing of the Rules for the University Faculty.
II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the July 9, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

Madison H. Scott from Assistant Director of Personnel and Equal Employment Opportunity Officer to Director of the University's Affirmative Action Program, effective October 1, 1970, at a salary of $15,168.00 per annum.

Thomas B. Smith from Associate Director of the Physical Plant to Assistant Vice President - Facilities, The Ohio State University, effective September 10, 1970, at a salary of $24,768.00 per annum.

B. Appointment

Donald G. Hanna, Director of Public Safety, effective as soon as practicable, at a salary of $24,768.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Marian E. Hermance, Associate Professor (Extension Food Service Specialist), effective January 1, 1971 through June 30, 1971, to participate in a program of professional improvement at Michigan State University.

Kenneth E. Ackerman, Instructor (County Extension Agent, Agriculture) Athens County, effective October 1, 1970 through March 15, 1971, to participate in a program of professional improvement at Ohio University.

T. Roy Bogle, Instructor (County Extension Agent, Agriculture) Coshocton County, effective September 1, 1970 through January 31, 1971, to participate in a program of professional improvement at Purdue University.

Franklin D. Findley, Instructor (County Extension Agent, Agriculture, 4-H) Wayne County, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

Rodney A. Petteys, Instructor (Area Extension Agent, 4-H), effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.
September 10, 1970 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Joe D. Pittman, Instructor (Area Supervisor, McConnelsville Area Center), effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at The Ohio State University.

David L. Reed, Instructor (Area Extension Agent, Animal Industry) Defiance Area Center, effective October 1, 1970 through December 15, 1970, to participate in a program of professional improvement at Bowling Green State University.

Richard E. Young, Instructor (Associate State Leader, 4-H), effective July 1, 1970 through November 30, 1970, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Glenn W. Miller, Professor, Department of Economics, effective October 1, 1970 through October 31, 1970, to continue on the faculty at Wichita State University.

Glenn O. Schwab, Professor, Department of Agricultural Engineering, effective August 1, 1970 through August 31, 1970, to serve as a Consultant to the Dean, College of Agricultural Engineering, Ludhiana, Punjab, India.

Hans L. Zetterberg, Professor and Chairman, Department of Sociology, effective October 1, 1970 through September 30, 1971, to assist in the integration of survey research organizations in Europe.

Rudolf Ahlswede, Associate Professor, Department of Mathematics, effective October 1, 1970 through September 30, 1971, to serve as a Visiting Associate Professor at the University of Illinois.

Hugh C. Atkinson, Associate Professor, University Libraries, effective August 3, 1970 through August 14, 1970, to accept a teaching assignment at the State University of New York at Genesco, New York.

Arno Cronheim, Associate Professor, Department of Mathematics, effective October 1, 1970 through September 30, 1971, to serve as a Visiting Associate Professor at the Institute for Higher Education in the Negev, Beer Sheba, Israel.
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.
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.
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.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
June 20, 1970 - August 18, 1970

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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


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.

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)

   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.
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. #00002 - Department of Electrical Engineering).
Gross Value - $189,943.00.

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. #004 - 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. #002 - 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. #00003 - Department of Mechanical Engineering).
Gross Value - $36,950.00.

Gross Value - $24,928.00.

Gross Value - $33,200.00.
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)

   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.

   Gross Value - $33,284.00.

   Gross Value - $2,444.00.

   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.
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, Investi-
      gation 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
      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
      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 Demon-
      stration 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


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 Orga-
   nization (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 - Depart-
   ment 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, Mary-
   land, Primary Prevention of Coronary Heart Disease (to be known
   as Project No. 2511-B - Sup. #1 - Department of Preventive
   Medicine).
   Gross Value - $37,577.00.
September 10, 1970 meeting, Board of Trustees

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

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

   3. Government Research Grants - Federal (continued)

   g. National Aeronautics and Space Administration, Washington, D. C.,
      Data Analysis of Geodetic Science (to be known as Project No. 2514 -
      Sup. #2 and Sup. #3 - Department of Geodetic Science).
      Gross Value - $52,000.00.

   h. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Heart and Lung Institute,
      Bethesda, Maryland, Structural Investigations on Mucopolysaccharides
      (to be known as Project No. 2516-C - Ext. #3 - Department
      of Chemistry).
      Gross Value - $30,756.00.

   i. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Institute of Arthritis and
      Metabolic Diseases, Bethesda, Maryland, Fellowship Supply Allowance
      Award (to be known as Project No. 2901 - Ext. #1 - Department
      of Veterinary Pathology).
      Gross Value - $1,000.00.

   j. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Institute of Allergy and
      Infectious Diseases, Bethesda, Maryland, New Antibiotics Isolation,
      Synthesis and Evaluation (to be known as Project No. 3054-A1 -
      New - College of Pharmacy).
      Gross Value - $30,766.00.

   k. National Science Foundation, Washington, D. C., The Adaptation
      of National Societies (to be known as Project No. 3064-A1 - New -
      Department of Political Science).
      Gross Value - $92,300.00.

   l. U. S. Department of Interior, Federal Water Quality Administration,
      Office of Research and Development, Washington, D. C., Toxicity
      of Selected Metals to Conditioned Fish (to be known as Project No.
      3065-A1 - New - Department of Preventive Medicine).
      Gross Value - $55,789.00.

   m. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, Bureau of Health Manpower, Division
      of Health Manpower Educational Services, Bethesda, Maryland,
      Development of Occupational Therapy Job Descriptions and Curricula
      Through Task Analysis (to be known as Project No. 3071-A1 - New -
      School of Allied Medical Professions).
      Gross Value - $95,569.00.
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)

   Gross Value - $26,529.00.

   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.

   Gross Value - $32,359.00.

   Gross Value - $30,000.00.
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)

   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 Inter-
      mediates 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 Micro-
      scopic and Electron Microprobe Analytical Study (to be known as
      Project No. 2788-A - Ext. #1 - Department of Otolaryngology).
      Gross Value - $6,750.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

5. Industrial and Other Research Grants (continued)

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.

   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

SUMMARY

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
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<tr>
<td>Government Research Contracts</td>
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<tr>
<td>Industrial Research Contracts</td>
<td>3</td>
</tr>
<tr>
<td>Totals</td>
<td>20</td>
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During the period from June 20, 1970 through August 10, 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 208X Ext. #16 Development of Instrumentation to Measure Pavement Thickness, Ohio Department of Highways, Columbus, Ohio. Gross Value - $3,600.00.

   EES 220X Ext. #14 Development of Sonic and Ultrasonic Power Devices for Application in Highway Engineering, Ohio Department of Highways, Columbus, Ohio. Gross Value - $7,920.00.

   EES 274X Ext. #6 Development of New Intersection Study Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - $51,240.00.

   EES 290X Ext. #6 Long Term Deformation in Clay, Ohio Department of Highways, Columbus, Ohio. Gross Value - $33,490.00.

   EES 296X Ext. #2 The Fatigue of Flexible Pavements, Ohio Department of Highways, Columbus, Ohio. Gross Value - $39,720.00.

   EES 311X Ext. #7 Effect of Signal Spacing on Platoon Dispersion, Ohio Department of Highways, Columbus, Ohio. Gross Value - $17,000.00.

   EES 328X Ext. #1 Use of Driver Display and Control Aids to Stabilize and Improve Traffic Flow, Ohio Department of Highways, Columbus, Ohio. Gross Value - $76,000.00.
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 374X  Field Test of the OSU/ODH Ultrasonic Pavement Thickness Gage, Ohio Department of Highways, Columbus, Ohio. Gross Value - $28,000.00.

TOTAL - Government Research Contracts $390,702.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

2. Industrial Research Contracts

   Ext. #2

   Ext. #3

   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.
September 10, 1970 meeting, Board of Trustees

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.
September 10, 1970 meeting, Board of Trustees

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 Trainee-ships 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)
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)
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.
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 Aid 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. $9,882.00 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
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.


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.
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 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.
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.
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.
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:

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>2,454</td>
<td>$85,129.87</td>
</tr>
<tr>
<td>Individuals other than alumni</td>
<td>210</td>
<td>$27,010.80</td>
</tr>
<tr>
<td>Business concerns</td>
<td>41</td>
<td>$117,920.18</td>
</tr>
<tr>
<td>Foundations</td>
<td>63</td>
<td>$80,146.09</td>
</tr>
<tr>
<td>Total</td>
<td>2,768</td>
<td>$310,206.94</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>3,991</td>
<td>$82,595.35</td>
</tr>
<tr>
<td>Individuals other than alumni</td>
<td>108</td>
<td>$31,667.60</td>
</tr>
<tr>
<td>Business concerns</td>
<td>20</td>
<td>$80,883.26</td>
</tr>
<tr>
<td>Foundations</td>
<td>33</td>
<td>$84,515.16</td>
</tr>
<tr>
<td>Total</td>
<td>4,152</td>
<td>$279,661.37</td>
</tr>
</tbody>
</table>

Of these gifts, 2,884 totaling $36,742.95 were undesignated and 1,268 totaling $242,918.42 were designated.

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Means Hall - Renovation of Electrical Systems

<table>
<thead>
<tr>
<th>Category</th>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$179,774.00</td>
<td>$175,237.00</td>
<td>($4,537.00)</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,015,762.00</td>
<td>$3,066,872.31</td>
<td>$51,110.31</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Item 315-046 (Horticulture and Forestry), H. B. 949.

C. Pedestrian Bridge Over Olentangy River

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$172,139.00</td>
<td>$172,331.50</td>
<td>$192.50</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$173,677.00</td>
<td>$175,076.00</td>
<td>$1,399.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,475,434.00</td>
<td>$3,452,472.36</td>
<td>($22,961.64)</td>
</tr>
</tbody>
</table>

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.
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**

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Contractor</th>
<th>Location</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>Ed Ross Construction Co.</td>
<td>Westerville, Ohio</td>
<td>$22,386.00</td>
<td>$49,131.00</td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td>Eastern Mechanical Corp.</td>
<td>Columbus</td>
<td>11,450.00</td>
<td>12,989.00</td>
</tr>
<tr>
<td>Heating, Ventilating and Air</td>
<td>Julian Speer Company</td>
<td>Columbus</td>
<td>25,600.00</td>
<td>40,203.00</td>
</tr>
<tr>
<td>Conditioning Contract</td>
<td>Sterling Electric Co.</td>
<td>Dublin</td>
<td>14,941.00</td>
<td>19,546.00</td>
</tr>
<tr>
<td>Total Contracts</td>
<td></td>
<td></td>
<td>$74,377.00</td>
<td>$121,869.00</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Contractor</th>
<th>Location</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>Farley Paving, Inc.</td>
<td>Columbus</td>
<td>$14,526.00</td>
<td>$23,000.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from the Parking Facilities Rotary.

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

* * *
VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lima Campus, Pipe Line Easement - Buckeye Pipe Line Company

The Buckeye Pipe Line Company has requested a pipe line easement on State of Ohio lands that have been designated for the use of The Ohio State University Lima Campus. The standard easement charge as calculated by the Ohio Department of Public Works is $1,100.54.

It was recommended that the President and/or Vice President for Business and Finance be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide for the pipe line easement.

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

B. George F. Roth and Partners' Contracts with the University

The University has been notified that the architectural and engineering firm of George F. Roth and Partners is incorporating with no change in personnel, character or method of service or obligations.

Since the University has two active contracts for this firm's services, the "University Affiliated Facility for the Mentally Retarded" and the "Parking Ramp - Medical Area," President Fawcett recommended that the Board of Trustees grant permission to the Vice President for Business and Finance to transfer these contracts from George F. Roth and Partners to George F. Roth and Partners, Inc.

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

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edgar Littlefield, Professor Emeritus in the College of The Arts - Division of Art; Elwood Parrott, Assistant Professor (County Extension Agent, Agriculture) Marion County in the Cooperative Extension Service; and Ruth Lloyd Wilkins, Professor Emeritus in the College of Administrative Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edgar Littlefield

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 20, 1970, of Edgar Littlefield, Professor Emeritus in the College of The Arts - Division of Art.
VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Edgar Littlefield (continued)

Professor Littlefield was born on July 27, 1905, in Nashville, Tennessee. He was graduated from New Lexington High School, New Lexington, Ohio, in 1924. In 1928, he received his Bachelor's Degree in Ceramic Engineering at The Ohio State University. In 1929, he became an Assistant Instructor in the Ceramic Art Area in the Department of Fine Arts where he attained the rank of Professor in 1945.

Professor Littlefield was a member of the American Ceramic Society, Columbus Art League and Sigma Pi fraternity. His work in ceramics was exhibited in national, state and local exhibitions, the San Francisco World's Fair and in a traveling exhibition of American ceramics shown in Norway, Finland, Denmark and Great Britain. From a number of national ceramic exhibitions sponsored by the Syracuse Museum of Art, his work was selected for national circulation. He was awarded prizes in National Ceramic Exhibitions and in a number of Columbus Art League shows held at the Columbus Gallery of Art.

Professor Littlefield, as a teacher of ceramics, contributed greatly to the reputation and the prestige that ceramic art at The Ohio State University enjoys nationally. Through his many students, his influence has affected the quality, growth and development of ceramic art and ceramic art education. He was competent in ceramic technology, taught glaze calculations, designed kilns and conducted glaze research and development. For a period, he served as Chairman of the Ceramic Art Area and served on various committees with distinction. His students, friends and associates will remember him for his quiet humor and selfless generosity in helping all who came to him with a problem and for his dedication to the pursuit of excellence in all things.

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

B. Ellwood Parrott

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 20, 1970, of Ellwood Parrott, Assistant Professor (County Extension Agent, Agriculture) Marion County, in the Cooperative Extension Service.

Mr. Parrott was born January 16, 1926, in Magnetic Springs, Ohio. He spent his early life on a farm near Magnetic Springs. After graduating from high school, he enrolled as a student in the College of Agriculture and Home Economics at The Ohio State University where he was awarded the Bachelor of Science in Agriculture degree in 1947 and the Master of Science degree in 1963.
September 10, 1970 meeting, Board of Trustees

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.
VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Ruth Lloyd Wilkins (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Professor Wilkins its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

IX. REPORTS

A. Blue Cross Insurance Program for Faculty, Staff and All Regular Employees

The President on behalf of the Finance and Investment Committee presented the following resolution amending the Blue Cross insurance program for the faculty, staff and all regular employees of The Ohio State University:

BE IT RESOLVED by the Board of Trustees of The Ohio State University, that the Blue Cross insurance coverage for hospital confinement be increased from 70 days to 120 days, effective December 1, 1970. The additional monthly premium required for this improvement will be $0.06 for single persons and $0.15 for persons with insured dependents.

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

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held June 19, 1970

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on June 19, 1970:

In accordance with the provisions of H. B. 531 of the 108th General Assembly, the following schedule of fees was approved for The Ohio State University, effective with the Autumn Quarter, 1970:

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional Fee</td>
<td>$170</td>
</tr>
<tr>
<td>General Fee</td>
<td>No change</td>
</tr>
<tr>
<td>Tuition Surcharge</td>
<td>No change</td>
</tr>
</tbody>
</table>
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
September 10, 1970 meeting, Board of Trustees

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

Cases that were not determined suitable for scheduling for hearing before the University Hearing Officers

Cases - charges withdrawn after case scheduled

Two, I wish to make clear that in addition to existing policy, rules, regulations, and procedures pertaining to disruption, Amended Substitute House Bill No. 1219 enacting Sections 2923.61 and 3345.22 to 3345.26 inclusive, of the Revised Code becomes effective next week, September 16, 1970. While experience with this new law may prove it adequate to the task of controlling campus disorder and negate the need for other rules, it is our intent to retain all present and current policy, rules, and procedures, including the present Disruption Rules 51.03 and 51.05 with the extant Hearing Officer concept and procedures.

It has been my expectation that a modification of the general conduct rule could adequately supplement the new legislation so as to make the current rules on disruption unnecessary. However, after counsel with our legal representative and others, I must conclude that, at least for the present, this course of action is not feasible or advisable.

Therefore, pending a revision of our rules and the development of a code of conduct based upon our experience with the Hearing Officer system and the new legislation, it is my belief that the University must both retain and utilize all existing policy, rules, and procedures.

D. Report on the University's Investment Portfolio

The report dated September 9, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.
September 10, 1970 meeting, Board of Trustees

IX. REPORTS (continued)

E. Report on University Hall by Mr. Paul M. Herbert

Mr. Paul M. Herbert presented a report on behalf of the Committee for Rehabilitation of University Hall in support of the rehabilitation of the existing structure. The complete copy of the report has been filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Wednesday, October 7, 1970, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a.m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman
APPENDIX II


Approved by Faculty Council
September 1, 1970

Adopted by Board of Trustees September 10, 1970
(See page 87)
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


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.


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. 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.
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.
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 com-
mittees 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).
The Board of Trustees met at its regular monthly meeting on Wednesday, October 7, 1970, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Chairman, Don M. Hilliker, John H. Dunlap, Jack G. Gibbs, Frederick R. Eckley and M. Merle Harrod.

Minutes of the last meeting were approved.
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

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

The Board of Trustees at its meeting on July 9, 1970, amended the "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" to provide for certain changes in the regulations, effective September 1, 1970.

President Fawcett recommended that said regulations be amended further to provide for the (1) registration of a second motor vehicle and the payment of a $10.00 fee therefor, and (2) assessment of a $1.00 per day parking fee for visitors to park within the traffic control area of the campus.

The Secretary of the Board of Trustees of The Ohio State University is hereby authorized and directed to file this amendment to "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" with the Secretary of State of Ohio, and to make these regulations binding and in force according to law.

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

B. Ratification of Personnel Appointments to Implement the Reorganization of the University as Approved by the Board of Trustees on September 10, 1970

President Fawcett recommended that the following personnel changes which have been announced to implement the reorganization of the Central Administrative Structure of the University, as approved by the Board of Trustees on September 10, 1970, be ratified:

Executive Vice President for Administrative Operations and Secretary of the Board of Trustees

Edward Q. Moulton $34,128.00*

Provost and Vice President for Academic Affairs

James A. Robinson 35,328.00*

Vice President for Student Affairs

Ted R. Robinson 25,488.00

Vice President for Medical Affairs

Richard L. Meiling 39,636.00*

Vice President for Regional Campuses and Dean of the University College

John T. Mount 31,212.00*

*Salary unchanged.
I. GENERAL RECOMMENDATIONS (continued)

B. Ratification of Personnel Appointments to Implement the Reorganization of the University as Approved by the Board of Trustees on September 10, 1970 (continued)

Vice Provost for Coordination of Minority Affairs
William J. Holloway $26,448.00

Executive Assistant to the President
Kenneth E. Krouse 23,328.00

Acting Dean of the College of Medicine
John A. Prior 36,612.00

Assistant Vice President for Administrative Operations
Richard H. Zimmerman 28,572.00

Acting Director of Admissions
Edward E. Rhine 17,448.00

1 Secretary of President's Cabinet and Administrative Council.

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 have been reassigned to the Executive Vice President for Administrative Operations and that the Secretary be authorized to make the appropriate Rule changes to implement this realignment of authority. Further, Mr. John T. Mount be authorized and directed to continue to assume responsibility for the presently pending disciplinary matters.

Upon motion of Mr. Dunlap, seconded by Mr. Gibbs, the Board of Trustees approved the above recommendation by unanimous roll call vote.

C. Revision in University Alcoholic Beverage Policy

President Fawcett made the following statement and recommendation:

From time to time during the past several years I have brought recommendations to the Board relating to the controlled availability of alcoholic beverages on this campus. In each case these recommendations, which were very explicit with reference to time, place and manner, were acted upon favorably by the Board and subsequently implemented by this University.
October 7, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision in University Alcoholic Beverage Policy (continued)

President Fawcett's Statement (continued)

During the past year a number of additional requests have been forwarded through the appropriate University channels proposing various modifications and extensions of these previous actions. While in most cases I am unwilling to support these requests there have been some which I believe to be reasonable and would support. However, rather than continuing to bring detailed modifications in the existing policy on this subject, I am requesting your favorable action on the following recommendation:

That the general authority for decisions establishing the appropriate time, place and manner for serving all legal beverages be granted to the President of the University and/or his designee as long as such decisions are fully consistent with local, state and federal laws.

Upon motion of Mr. Eckley, seconded by Mr. Gibbs, the Board of Trustees approved the foregoing recommendation with five affirmative votes cast by Messrs. Ketterer, Dunlap, Gibbs, Eckley and Harrod and one negative vote cast by Mr. Hilliker.

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 10, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotion, Leaves of Absence With Salary, Leaves of Absence Without Salary and Emeritus Title:

A. Promotion

J. Edward Weaver promoted from Associate Director of Athletics to Director of Athletics, effective October 7, 1970, at a salary of $25,128.00 per annum.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:
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.
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.
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

<table>
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<tr>
<th></th>
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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.

   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.


   TOTAL - Government Research Contracts - Federal $383,701.00

2. Industrial and Other Research Contracts

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


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 Thalictrum (to be known as Project No. 1497-G - Ext. #7 - College of Pharmacy).
Gross Value - $27,761.00.
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)

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. #6 - 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 Gypoinae 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 Extrapyramidal 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.
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.

   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.

   Gross Value - $20,000.00.

   Gross Value - $223,100.00.

   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)

Gross Value - $21,041.00.

Gross Value - $14,000.00.

Gross Value - $39,300.00.

Gross Value - $93,700.00.

Gross Value - $29,800.00.

Gross Value - $50,100.00.

Gross Value - $9,700.00.

Gross Value - $4,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

3. Government Research Grants - Federal (continued)

   ee. National Science Foundation, Washington, D. C., Systematics and
       Phytogeography of Vascular Plants of the South Polar Regions (to
       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 Curricu-
      lum 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., Youngs-
      town, Ohio, Dietary Sucrose and Lipid Metabolism (to be known as
      Project No. 3102-A1 - New - Institute of Nutrition).
      Gross Value - $6,762.00.
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

4. Industrial and Other Research Grants (continued)


    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

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contracts</td>
<td>3</td>
<td>$136,081.00</td>
</tr>
<tr>
<td>Industrial Research Contract</td>
<td>1</td>
<td>33,471.00</td>
</tr>
<tr>
<td>Totals</td>
<td>4</td>
<td>$169,552.00</td>
</tr>
</tbody>
</table>

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  Ext. #5  Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - $78,000.00.

   EES 315X  Ext. #1  Development of Methodology for Evaluating Road Signs, 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

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,
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)

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

D. An Agreement with Battelle Memorial Institute for the Establishment of "The Academy for Contemporary Problems" (continued)

be considered part of BMI's contribution to the operation of the Academy. It is estimated that the programs of the Academy when fully operational would require $1.0 million annually. Both parties anticipate support of the Academy for a minimum of ten years, unless and until either or both parties should determine that significant contributions to the original purposes cannot be achieved, in which case suitable advance notice will be required in order to withdraw support of the Academy.

6. The Academy shall not be a separate legal entity but shall be jointly sponsored by BMI and OSU for the furtherance of the purposes of both parties.

7. Persons participating in the programs of the Academy shall be under contract to either BMI or OSU. It is anticipated that both OSU and BMI will provide residents on active assignment to the Academy, who will continue in the employ of the party appointing them. Such residents shall be considered contribution in kind to the operation of the Academy. In addition, it is contemplated that persons not affiliated with either institution will be brought to the Academy for varying time periods under special contracts with either BMI or OSU for participation in programs in the Academy.

8. The parties shall designate a board of overseers consisting of seven persons, three appointed by BMI, three appointed by OSU, and those six to appoint a seventh member who shall also be the chief executive officer of the Academy. The chief executive officer and his staff shall be available full-time at the Academy. It will be the primary responsibility of the board to insure the implementation of the joint programs and to offer continuous counsel to the chief executive officer. Members of the board will not only represent the interests of the two institutions, but will be chosen for their capacity to contribute creatively to the Academy's operation.

It was recommended that the President be authorized to sign the said agreement.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous roll call vote.
October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since September 10, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance $930,227.00
Received Through The Ohio State University Development Fund 165,560.70

A. Administered Through the Office of Business and Finance

1. $809,686.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 G03 RM 00022-02A1)

2. $75,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Washington, D.C., to the University for "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1970 through July 31, 1971. (SRS Grant No. RD-2292-GA-71-C4)

3. $26,283.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design, Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1970 through July 31, 1971. (Grant No. 5 D10 NU 00319-03)

4. $9,500.00 additional grant by U.S. Department of Labor, Washington, D.C., to the University for "The Development of an Interdisciplinary Program of Instruction and Research in Human Resource Policy," under the direction of the Department of Economics, for the period August 1, 1970 through July 31, 1971. (Grant No. 31-37-70-05, Modification No. 1)

5. $5,758.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Special Purpose Traineeship Grant - Public Health Traineeship Program," under the direction of the School of Allied Medical Professions, for the period July 1, 1970 through June 30, 1971. (Grant No. 5 A04 AH 00022-02)
October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

6. $4,000.00 granted by U. S. Army Research Office-Durham, Durham, North Carolina, to the University for "The 9th Informal Conference on Photo Chemistry," under the direction of the Department of Chemistry, for the period August 1, 1970 through July 31, 1971. (Grant No. DA-ARO-D-31-124-71-G2)

TOTAL - Administered Through the Office of Business and Finance
$930,227.00

B. Received Through The Ohio State University Development Fund

1. $42,778.70 from Mirror Lake, Inc., Lima, Ohio, for The City Loan and Savings Company - The Metropolitan Bank of Lima, Ohio, Scholarship Fund.

2. $13,500.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund in the College of Medicine.

3. $12,000.00 from Sears-Roebuck Foundation for the Center for Vocational and Technical Education.

4. $10,000.00 from the C. R. Porthouse Charitable Trust, (In the names of Cyril R. Porthouse, J. David Porthouse, Jacqueline S. Porthouse, Roberta A. Porthouse and Roberta Diehl Porthouse), for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.

5. $9,482.00 from the Newark O. S. U. Development Fund for the Newark Campus Scholarship Fund.

6. $9,000.00 from the Estate of Hazel L. Stephenson, (Through Edward C. and Hazel L. Stephenson Foundation), for unrestricted scholarships.

7. $8,500.00 from Ohio Tuberculosis and Health Association, Columbus, Ohio, for the Department of Medicine Fellowship Fund.

8. $8,400.00 from The International Nickel Company of Canada, Limited, New York, New York, for The International Nickel Company Fellowship Fund.

9. $7,500.00 from B. F. Goodrich Chemical Company, Avon Lake, Ohio, for the Polymer Engineering Research in Chemical Engineering Program.

10. $7,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.

11. $5,000.00 from Anderson Concrete Corporation, Columbus, Ohio, for the Center for Tomorrow Fund.
October 7, 1970 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

12. $5,000.00 from the Merck Company Foundation, Rahway, New Jersey, for the Merck Fund in the College of Pharmacy.

13. $4,000.00 from the Ohio Society of Certified Public Accountants Foundation for the Ohio Society of Certified Public Accountants Foundation Scholarship Fund.

14. $4,000.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.

15. $3,000.00 from Educational Endowment Fund of Kappa Kappa Gamma for The Ohio State University Scholarship Fund.

16. $3,000.00 from the Glen Alden Foundation, (In the name of Mrs. Judith Stern Riklis), for the Mr. and Mrs. M. Riklis Fund for Study and Research in Business Administration.

17. $3,000.00 from the McCrory Foundation, Inc., (In the name of Mr. M. Riklis), for the Mr. and Mrs. M. Riklis Fund for Study and Research in Business Administration.

18. $2,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.

19. $1,200.00 from Mr. Ervin G. Bailey for the Ervin G. Bailey Fund for Engineering.

20. $1,100.00 from members of the College of Law Class of 1967 for the establishment of College of Law Senior Class Fund.

College of Law Senior Class Fund

The College of Law Senior Class Fund was established October 7, 1970, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the members of the College of Law Class of 1967.

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

The income is to be used as follows:

Seventy-five per cent (75%) thereof is to be made available to the College of Law for scholarships, student loans and other financial aid to law students on the basis of need.
IV. GRANTS AND GIFTS (continued)

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

20. College of Law Senior Class Fund (continued)

Twenty-five per cent (25%) thereof is to be retained and reinvested to assist in providing a named professorship for the College of Law.

If, by 1973, no other senior class or other organization has contributed funds greater than $500.00 each into the College of Law Senior Class Fund, then the principal and accumulated income may be used at the discretion of the Dean of the College of Law for any purpose benefiting the College of Law, in his discretion, first preference to be given to scholarships or student loans on the basis of need.

21. $1,100.00 from members of the College of Law Class of 1968 for the establishment of the College of Law Class of 1968 Scholarship Fund.

College of Law Class of 1968 Scholarship Fund

The College of Law Class of 1968 Scholarship Fund was established October 7, 1970, by the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from members of the College of Law graduating Class of 1968.

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

The annual income from this fund is to be added to the principal until July 1, 1978. From July 1, 1978 and forward the annual income is to be used to provide one or more scholarships equal to the tuition and a reasonable allowance for books, to students enrolled in the College of Law meeting the academic standards of the College and having a need for financial assistance, as outlined in a memorandum presented to the Dean of the College of Law by the President of the Class and the Chairman of the Class Gift Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Law cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

22. $1,000.00 from E. B. Brown Optical Westgate Co., (In the name of Maurice Stonehill), for the Ophthalmologic Center Fund.
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:

<table>
<thead>
<tr>
<th>Source</th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>2,365</td>
<td>$73,485.15</td>
</tr>
<tr>
<td>Individuals other than alumni</td>
<td>142</td>
<td>$13,712.80</td>
</tr>
<tr>
<td>Business concerns</td>
<td>27</td>
<td>$97,890.92</td>
</tr>
<tr>
<td>Foundations</td>
<td>30</td>
<td>$158,849.35</td>
</tr>
</tbody>
</table>

Of these gifts, 1,662 totaling $19,821.24 were undesignated and 902 totaling $324,116.98 were designated.

V. PLANS AND SPECIFICATIONS

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

A. College of Dentistry - South Wing Addition

This project consists of two additions to the south of the existing Dentistry Building to provide additional instructional space and needed alteration of existing space to accommodate starting classes of 200 students.

Funds for this project have been provided from Item 315-072 (Dental Building, Phase II), H. B. 531; Item 235-010 (Architectural Planning - Board of Regents), H. B. 531; and a Public Health Service Grant.

B. Derby Hall - Improvements for Political Science Department

This project provides conversion of present classroom and office spaces for senior faculty offices presently located in University Hall.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801231 (Derby Hall Alterations).

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

A. University College - Building 13 - Employment of Architects

President Fawcett recommended that the architectural firm of Holroyd and Myers be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and supervision of construction.

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

Funds for this project have been provided from Item 315-067 [University College, Phase 3], H. B. 531; Item 315-037 [General (University) College Building 1], H. B. 828; Item 315-033 [Improvements, Equipment and Contingencies], H. B. 828; Board of Regents Allocation and Federal Recoveries.

B. Animal Science Livestock Center - Employment of Engineers

President Fawcett recommended that the engineering firm of W. E. Monks be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost and field supervision of construction, as required.

The fee for this service will be negotiated by the Ohio Department of Public Works.

Funds for this project have been provided from Item 315-068 (College of Agriculture, Land, Barns, Teaching Facilities) H. B. 531 and Item 235-010 (Architectural Planning - Board of Regents) H. B. 531.

Upon motion of Mr. Dunlap, seconded by Mr. Gibbs, the above recommendations were approved by unanimous roll call vote.

VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Bonner S. Coffman, Associate Professor in the Department of Civil Engineering; Foster Rhea Dulles, Professor Emeritus in the Department of History; and Lester O. Gilmore, Professor and Associate Chairman in the Department of Dairy Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.
October 7, 1970 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

A. Bonner S. Coffman

The Board of Trustees expresses its sorrow at the death on August 3, 1970, of Bonner S. Coffman, Associate Professor in the Department of Civil Engineering.

Professor Coffman was born in Bell Buckle, Tennessee, on February 18, 1922. After finishing high school, he entered the U. S. Army Air Force during World War II and for three years was a radio operator on a B-17. He was graduated from the Tennessee Polytechnic Institute in 1948 with a bachelor's degree in civil engineering. He received a master's degree in civil engineering from the University of Kentucky in 1950.

In 1954, he was a consultant of the U. S. Bureau of Public Roads in Egypt and from 1951 to 1959 worked for the District of Columbia Highway Department and taught at George Washington University. He was on the staff of the U. S. Department of Agriculture as a graduate school lecturer.

From 1959 to 1961, Professor Coffman was a troubleshooter for the Federal Housing Administration. As chief of the site engineering section working principally with federal housing subdivisions, he saw engineering problems all over the United States and reviewed plans and assignments to help minimize and exclude risks for insurance mortgages.

Professor Coffman joined the faculty of The Ohio State University in 1961. Aside from his teaching duties, he was associated with the University's Engineering Experiment Station where he was a specialist in soils and pavement design. At the time of his death, he was in the final stages of completing a four-year project for the Ohio Department of Highways and the U. S. Bureau of Public Roads on the "Fatigue of Flexible Pavements," which is to be published in 1971.

Professor Coffman was registered as a professional engineer in Ohio, Maryland and the District of Columbia. His professional affiliations included American Society for Testing and Materials, American Society of Civil Engineers and Sigma Xi.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Coffman its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Foster Rhea Dulles

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Foster Rhea Dulles, Professor Emeritus in the Department of History.
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
C. **Lester O. Gilmore** (continued)

Kansas State University from 1939 to 1942. He returned to the University of Minnesota and was appointed Associate Professor in 1945. While at the University of Minnesota, Dr. Gilmore and his associate were the first to breed cattle artificially in this country. He reported later a classical study of the inheritance of lethal characters in dairy cattle.

In September 1948, he was appointed Associate Professor in the Department of Dairy Science at The Ohio State University, in charge of teaching livestock breeding. He developed a new course in research methods and techniques and directed graduate programs for several graduate students. It was at this time that he introduced the use of identical twins as a research method in Dairy Science.

Author of the textbook, *Dairy Cattle Breeding*, he also authored or coauthored 241 scientific or technical articles on livestock breeding and management. In 1963 and again in 1968, Professor Gilmore presented papers before the International Genetics Congress on inheritance of color patterns and congenital abnormalities in cattle. He always maintained a vital interest in research methods and philosophy, constantly challenged his graduate students and his fellow staff members to use new techniques and to apply relevant scientific principles in generalizing their research. He was intensely interested in helping dairy farmers. A leader among Ohio dairymen, he was as familiar with the art of dairy husbandry as with the detailed scientific methods required in the laboratory.

Dr. Gilmore held membership in the following groups: Phi Tau Theta, Alpha Gamma Rho, Alpha Zeta, Gamma Alpha, Gamma Sigma Delta, Sigma Xi, American Association of University Professors, American Dairy Science Association, American Society of Animal Science, American Genetics Association, American Society of Human Genetics, Genetics Society of America and Holstein-Friesian Association of America. He was a Fellow of the American Association for the Advancement of Science and the Ohio Academy of Science.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.
October 7, 1970 meeting, Board of Trustees

VIII. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held September 18, 1970

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on September 18, 1970:

That the new degree and new degree program for award of the Doctor of Musical Arts submitted by The Ohio State University is hereby approved.

B. Appropriations for University Administrative Officials

Mr. Eckley moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1970-1971 be as follows: (1) to the President, $10,000.00; (2) to each of the persons holding the following titles, $1,000.00 - Executive Vice President for Administrative Operations; Provost and Vice President for Academic Affairs; Vice President for Business and Finance; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Vice President for Regional Campuses and Dean of the University College; Executive Assistant to the President and (3) an additional amount of $3,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Harrod and approved by unanimous roll call vote.

C. Report on the University's Investment Portfolio

The report dated October 6, 1970, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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

Attest:

Edward Q. Moulton               John G. Ketterer
Secretary                     Chairman
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.


Minutes of the last meeting were approved.
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
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.
November 6, 1970 meeting, Board of Trustees

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.
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

<table>
<thead>
<tr>
<th>Contracts</th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research - Federal</td>
<td>7</td>
<td>$279,821.00</td>
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<tr>
<td>Industrial and Other Research</td>
<td>4</td>
<td>$82,950.00</td>
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<tr>
<td>Grants</td>
<td></td>
<td></td>
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<tr>
<td>Government Research - Federal</td>
<td>15</td>
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<tr>
<td>Industrial and Other Research</td>
<td>21</td>
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<tr>
<td>Totals</td>
<td>47</td>
<td>$1,372,435.20</td>
</tr>
</tbody>
</table>

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


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

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.

   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.

   Gross Value - $13,000.00.

   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


   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. #8 - 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.
A. The Ohio State University and The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)


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.


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.


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

3. Government Research Grants - Federal (continued)

   Gross Value - $25,800.00.

   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).

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.
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

       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 Fretiylium 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

SUMMARY

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Research Contracts</td>
<td>4</td>
</tr>
</tbody>
</table>

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 Ext. #3 Weldability of Timken High Strength Steels, Timken Roller Bearing Company, Canton, Ohio.

   Gross Value - $1,500.00.


   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.
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


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 "Neocortial and Subcortial 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 Traineeships 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.
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
November 6, 1970 meeting, Board of Trustees

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:

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<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
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<td>Alumni</td>
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<tr>
<td>Individuals Other than Alumni</td>
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<td>Business Concerns</td>
<td>29</td>
<td>54,805.50</td>
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<td>Foundations and Nonprofit Organizations</td>
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<td><strong>2,064</strong></td>
<td><strong>$241,693.41</strong></td>
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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. Telephone Duct System Expansion

<table>
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<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
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<tr>
<td>$137,655.00</td>
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<td>$4,741.17</td>
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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

<table>
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<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$29,274.00</td>
<td>$28,874.00</td>
<td>($ 400.00)</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 960200 (Hospital Rotary).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

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

A. Main Library Air Conditioning

This project provides for the installation of a 400 ton "Terminal Reheat System" for areas of this building which are not now air conditioned. The new installation will be interconnected with the existing chiller to provide a 50 per cent standby capability.

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

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

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strunk Maintenance Co. (Columbus)</td>
<td>$28,648.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Plumbing Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. T. Evans Plumbing Co. (Columbus)</td>
<td>$14,750.00</td>
<td>7,500.00</td>
</tr>
<tr>
<td>(Pumps to be furnished by University)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contract</td>
<td>$22,250.00</td>
<td>$23,500.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

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

VIII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

26 Approves the release of $30,000.00 from Item 315-074 (Utilities and Renovation), H. B. 531, so that the contract for the project "McCracken Power Plant - Removal of Coal and Ash Handling Equipment" may be awarded.

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Olentangy Main Trunk Sanitary Sewer (Part III), City of Columbus

WHEREAS, the City of Columbus requires additional sanitary sewer facilities to serve the northern section of the City of Columbus; and

WHEREAS, installation of the Olentangy main trunk sanitary sewer, Part III, requires a right-of-way through lands owned by the State of Ohio (The Ohio State University); and

WHEREAS, it is recommended that for the sum of $26,530.00, the necessary easements for the installation of the Olentangy main trunk sanitary sewer be granted to the City of Columbus; and
November 6, 1970 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Olentangy Main Trunk Sanitary Sewer (Part III), City of Columbus (continued)

IT IS FURTHER RECOMMENDED, that the President and/or Vice President for Business and Finance be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide for the sanitary sewer easements.

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

X. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Manuel Barkan, Professor and Chairman of the Division of Art Education in the College of The Arts. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Manuel Barkan

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 9, 1970, of Manuel Barkan, Professor and Chairman of the Division of Art Education in the College of The Arts.

Professor Barkan was born on June 30, 1913, in New York. He received his Bachelor of Science and Master of Arts degrees from Teachers College, Columbia University, and his Ph.D. degree from The Ohio State University. He joined the faculty at Ohio State as an Assistant Professor in Art Education in 1947 and rose to the rank of full Professor in 1954.

Professor Barkan was a Faculty Fellow for the Fund for Advancement of Education which was sponsored by the Ford Foundation in 1951. He was the director of the Conference of Creativity under a grant from the Rockefeller Foundation in 1952 and 1953. He was a Viktor Lowenfeld Memorial Lecturer in 1965 at the Conference of National Art Education Association. He was a recipient of the Art Educator of the Year Award in 1967 from the National Art Education Association and was a recipient and director of four graduate fellowship award programs for prospective and experienced art teachers from the Bureau of Research, U. S. Office of Education, in the years between 1966 and 1970. He served as a Visiting Professor in the School for Art Teachers, College of Art, and University of Birmingham, England, in the Autumn of 1963. In the last three years he participated in several national and international meetings in the field of Art Education. In 1967, he gave a lecture entitled, "The Challenge and Adventure of Change," at the conference of the National Art Education Association in response to receiving the Art Educator of the Year Award.
X. RESOLUTION IN MEMORIAM (continued)

A. Manuel Barkan (continued)

As a teacher in the Division of Art Education, Professor Barkan contributed greatly to the national and international reputation and prestige that The Ohio State University enjoys in the field of art education. Through his own writing and research and that of his students, art education has become in his own words, "a disciplined and demanding field of inquiry." His students and colleagues will remember him for his keen powers of critical discernment and for the range of his curiosity; his friends will remember his selfless generosity in helping all who came to him with a problem and for his dedication to the pursuit of excellence in all things.

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

XI. REPORT

A. Ohio Historical Society - Ohio State Museum Building

On March 18, 1970, the Board of Trustees authorized the President to sign the agreement with the Ohio Historical Society for purchase of the Ohio State Museum Building by The Ohio State University.

The Ohio Department of Finance has furnished $1,000,000 in accordance with the provisions of Substitute House Bill 531 through the issuance of Warrant #6775813 which has been forwarded to the Ohio Historical Society.

On October 30, 1970, the Board of Trustees of the Ohio Historical Society passed a resolution in accordance with their Constitution and Bylaws and all applicable laws delineating the procedures to be followed. This resolution is filed with the official records of the Board of Trustees.

The Ohio Historical Society is executing the Deed to the University in accordance with the provisions of the Board resolution and a copy of the Deed is filed with the official records of the Board of Trustees.

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 5, 1970, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1970, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.
November 6, 1970 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, December 4, 1970, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman
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.


Minutes of the last meeting were approved.
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Creation of Pooled Income Trust Fund for The Ohio State University

RESOLVED that the forms of the Trust Agreement and Instrument of Transfer, copies of which are attached hereto (Appendix III, page 233) creating a Pooled Income Fund for the University, are hereby approved;

FURTHER RESOLVED that the following individuals are designated as the original trustees of the Pooled Income Fund: Gordon B. Carson, Ernest W. Leggett, and Joseph S. Platt. It is understood that the attached documents are designed to satisfy the definition of a pooled income fund in Section 642(c) (5) of the Internal Revenue Code, and have been drafted in accordance with the proposed regulations published by the United States Treasury Department on July 17, 1970. It is further understood that these proposed regulations may be modified in certain respects when issued in final form. Therefore,

BE IT FURTHER RESOLVED that the Trustees of the Pooled Income Fund are authorized to make such changes in the attached documents as may in the opinion of the University Counsel be necessary or appropriate to satisfy the requirements of such final regulations.

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

B. Naming of Building

Upon the recommendation of the Vice President for University Development, and with the concurrence of the President's Cabinet, President Fawcett recommended that the former Ohio Historical Society Building at Fifteenth Avenue and High Street be named to honor Joseph Sullivant, one of the original Trustees of The Ohio State University, and that this building from this time on be referred to as "Joseph Sullivant Hall."

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

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
I. GENERAL RECOMMENDATIONS (continued)

C. Authorization to Purchase Land and Enter Into a Lease Agreement with Nationwide Communications Inc.

In order to provide transmitting facilities enabling educational television programs to reach all families in Ohio, the 108th Ohio General Assembly authorized in House Bill 531 the capital improvement for educational television transmitting facilities. It was recommended that the President and/or Vice President for Business and Finance be authorized to purchase 69.614 acres of land in Genoa Township, Delaware County, for the sum of $153,151.00 to construct a 1,000-foot television tower on the property, and to enter into a lease agreement with Nationwide Communications Inc., for a shared use of the tower. All funds for the project are available from the Ohio Educational Television Network Commission and from Nationwide Communications Inc.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

D. Degrees Conferred - Autumn Quarter Commencement

President Fawcett recommended that degrees be conferred at the December 18, 1970 Commencement to those students who complete their requirements and are recommended by the Faculty Council for degrees on that date. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix IV, page 243.)

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

E. Approval of Site for Centennial Hall (University Hall Replacement)

President Fawcett made the following statement and recommendation:

Following the action of the Board of Trustees at its November, 1970 meeting the Division of Campus Planning was directed to undertake a comprehensive review of potential sites for the proposed Centennial Hall.

Based upon this review, I now wish to recommend to the members of this Board a site which I believe to be uniquely suited to the requirements of this project. Generally described, it is bounded by the Main Library, Mirror Lake Hollow, and Neil Avenue. A structure upon this location in addition to providing a focal point for the southwest portion of the Oval, is within the major pedestrian circulation routes between Oval buildings and the academic and residential areas to the west and south. Also since a number of the humanities departments will be located within this facility, the proximity to the University Library is highly desirable. And finally, the scenic
December 4, 1970 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Approval of Site for Centennial Hall (University Hall Replacement) (continued)

beauty of this location makes this selection particularly attractive. Mirror Lake Hollow, which borders the site to the south, is one of the more striking features of the campus. By fully respecting this feature and closely integrating it into the site development, both the building and Mirror Lake should be enhanced.

I now wish to recommend for your action the selection of the site for Centennial Hall as described above.

Upon motion of Mr. Safford, seconded by Mr. Gibbs, the Board of Trustees approved the above recommendation by unanimous roll call vote.

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 6, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Changes in Assignment and Responsibility, Leaves of Absence Without Salary and Emeritus Titles:

A. Promotions

John A. Prior from Acting Dean of the College of Medicine to Dean of the College of Medicine, effective December 1, 1970, at a salary of $37,812.00 per annum. Dr. Prior will continue to hold an appointment as Professor in the Department of Medicine at No Salary.

H. Spencer Turner from Assistant Professor in the Department of Preventive Medicine to Director of The Ohio State University Health Service, effective November 16, 1970, at a salary of $25,008.00 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.


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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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

<table>
<thead>
<tr>
<th>Contracts</th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research - Federal</td>
<td>11</td>
<td>$482,890.29</td>
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<tr>
<td>Industrial and Other Research</td>
<td>5</td>
<td>$118,837.92</td>
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<table>
<thead>
<tr>
<th>Grants</th>
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<tr>
<td>Government Research - Federal</td>
<td>13</td>
<td>$723,279.00</td>
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<td>Industrial and Other Research</td>
<td>1</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Totals</td>
<td>30</td>
<td>$1,330,007.21</td>
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</table>

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.


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

   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, Procure-
      ment 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, Aeronau-
      tal 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 Presen-
      tation 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, Aeronau-
      tal 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.
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

1. Government Research Contracts - Federal (continued)

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
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


   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.

Gross Value - $2,400.00.

TOTAL - Government Research Grants - Federal $723,279.00
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 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

SUMMARY

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contracts</td>
<td>2</td>
</tr>
<tr>
<td>Industrial Research Contracts</td>
<td>2</td>
</tr>
<tr>
<td>Totals</td>
<td>4</td>
</tr>
</tbody>
</table>

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  Ext. #7
   A Study of Soil-Structure Interaction in Reinforced Concrete Culvert Pipes, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $4,680.00.

   EES 356X  Ext. #1
   A Laboratory and Field Durability Study of Asphaltic 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, Technogy, Inc., Columbus, Ohio. Gross Value - $4,980.00.

TOTAL - Industrial Research Contracts $5,980.00

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since November 6, 1970, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance Received Through The Ohio State University Development Fund

$844,342.00 $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. $287,882.00 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)
December 4, 1970 meeting, Board of Trustees

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
December 4, 1970 meeting, Board of Trustees

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.
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 Miya 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.
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 ($13,895.13) 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:

<table>
<thead>
<tr>
<th>Type of Gift</th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>2,645</td>
<td>$85,065.46</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>1,378</td>
<td>23,899.08</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>43</td>
<td>66,858.00</td>
</tr>
<tr>
<td>Foundations and Nonprofit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organizations</td>
<td>54</td>
<td>124,061.08</td>
</tr>
<tr>
<td></td>
<td>4,120</td>
<td>$299,883.62</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$105,500.00</td>
<td>$107,061.52</td>
<td>$1,561.52</td>
</tr>
</tbody>
</table>

221
V. EXTRAS AND CREDITS TO CONTRACTS (continued)

A. Parking Lot West of Pedestrian Bridge (continued)

Funds for this project have been provided by a transfer from Budget Account 921300 (Parking Rotary) to Budget Account 801214 (Parking Lot - Pedestrian Bridge).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Easement - State of Ohio

WHEREAS, the State of Ohio has requested permission to construct an 8-inch water line through State of Ohio (The Ohio State University) and Board of Trustees of The Ohio State University lands, commencing on Godown Road, proceeding westward to the site of the proposed Adjutant General and Department of Commerce hangar facilities, and terminating at the National Guard Armory located on State Route 161; and

WHEREAS, the construction of this water line will provide an adequate water and fire hydrant service for the new hangar facilities and the National Guard Armory, and further, with the approval of the State of Ohio, will supply adequate water and fire hydrant service for the University's Animal Science Center to be constructed west of the airport runways.

NOW, THEREFORE, BE IT RESOLVED, that this easement necessary for the installation of the water line be granted to the State of Ohio; and

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized to act on behalf of the University in executing the necessary legal instruments to provide for the easement and to request the Director of Public Works pursuant to his statutory duties to develop the necessary legal instruments to provide for the water line easement.

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

B. Newark Campus - Transfer of Lands

WHEREAS, the Ohio Department of Highways has requested permission to widen and improve Country Club Drive on a portion of lands fronting on the Newark Campus of The Ohio State University; and
B. Newark Campus - Transfer of Lands (continued)

WHEREAS, this additional land involving 0.018 acres will permit the Ohio Department of Highways to widen and improve the corner of Country Club Drive and Granville Road which will permit an improved access to the campus;

NOW, THEREFORE, BE IT RESOLVED, that the lands involving 0.018 acres necessary for the above improvement be conveyed to the State of Ohio (The Ohio Department of Highways); and

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized pursuant to Section 3345.18, Ohio Revised Code, to act on behalf of the University in developing the necessary legal instruments to provide for the conveyance of the land necessary for the improvement to Country Club Drive.

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

C. Lima Campus - Transfer of Lands

WHEREAS, the Allen County Commissioners and the Trustees of Bath Township have requested permission to widen and improve a bridge on Thayer Road on a portion of lands on the east portion of the Lima Campus of The Ohio State University; and

WHEREAS, this additional land involving 0.09 acres will permit the Trustees of Bath Township to widen and improve a bridge on Thayer Road;

NOW, THEREFORE, BE IT RESOLVED, that the lands involving 0.09 acres necessary for the improvement be conveyed to the Board of Bath Township Trustees, Allen County, Ohio; and

BE IT FURTHER RESOLVED, that the President and/or Vice President for Business and Finance be authorized, pursuant to Section 3345.18, Ohio Revised Code, to act on behalf of the University in developing the necessary legal instruments to provide for the conveyance of the land necessary for the improvement to a bridge on Thayer Road.

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

D. Agreement Between the Ohio Department of Highways and The Ohio State University - Olentangy Freeway

WHEREAS, the construction of a part of the Olentangy Freeway (State Route FRA-315-2.85) is on The Ohio State University campus; and
VI. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Agreement Between the Ohio Department of Highways and The Ohio State University - Olentangy Freeway (continued)

WHEREAS, the Ohio Department of Highways and The Ohio State University recognize the need to achieve maximum utilization of State lands for purposes of both public transportation and educational facilities, and further, recognize the need to commit resources for construction, planning, and rearrangement of University facilities to improve the overall functions and utilization of The Ohio State University campus upon completion of the Olentangy Freeway; and

WHEREAS, the construction of this freeway requires certain land transfers, compensation to the University for replacement of University facilities and improvements to be made on Campus Loop Road and Stadium Drive, as well as compensation for replacement of other University facilities, an agreement was entered into between the Ohio Department of Highways and The Ohio State University dated November 16, 1970, to provide for such actions;

NOW, THEREFORE, BE IT RESOLVED, that the action of the President and the Secretary of the Board of Trustees in entering into the agreement be ratified and the agreement be filed with the official records of the Board of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above resolution was adopted and the action of the President and Secretary of the Board of Trustees was ratified by unanimous roll call vote.

VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Stanley C. Allyn, former member of the Board of Trustees; Patti Murray Grubb, Associate Professor in the Department of Speech; Freeman S. Howlett, Professor Emeritus in the Department of Horticulture; Henry Russell Spencer, Professor Emeritus in the Department of Political Science; and Grace Anne Stewart, Professor Emeritus in the Department of Geology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Stanley C. Allyn

The Board of Trustees expresses its special sorrow at the death on October 31, 1970, at Greenwich, Connecticut, of its former colleague, Stanley C. Allyn, of Dayton. Mr. Allyn was a Trustee from January 8, 1959 to May 13, 1968. During 1967-1968 he was chairman of the Board, but ill health prevented him from attending Board meetings during that time.
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-townsman, 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.
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.
D. Henry Russell Spencer (continued)

His teaching career, which extended well over half a century, began in 1899 at the Coburn Classical Institute and continued beyond his retirement in 1949, and included service at Columbia University, Princeton University, Stanford University, Tulane University, University of California at Los Angeles, West Virginia University, and Reed College. With the exception of these interludes and time out for war service in 1917-18, his lifework as a teacher and scholar were uniquely associated with The Ohio State University.

Coming to the University in 1903 as a young instructor in History and Political Science, he continued until 1949, when he retired as Professor Emeritus. When a separate Department of Political Science was established, he became its Chairman and remained in that post until 1947. During the thirty-eight years of his Chairmanship, the qualities of mind, heart and spirit of this high-minded, scholarly man had a powerful influence on his colleagues, as he moved as best he could to build a department that would reflect his own high purposes and rigorous standards of excellence.

It was as a scholar and teacher that generations of students remember him. A scholar of great depth and richness, a teacher of memorable eloquence, who became a legend in his own lifetime, a great gentleman in every sense of the word, he had an immense influence upon the young men who sat before him.

The author of various books, monographs, and articles throughout his life, a former President of the American Political Science Association, the "founding father" of our Department of Political Science, the recipient of various awards and honors, Professor Spencer was one of the "great teachers" who have added strength in the building of this University.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Spencer its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

E. Grace Anne Stewart

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Grace Anne Stewart, Professor Emeritus in the Department of Geology.

Professor Stewart, daughter of John Stewart, was born near Minnedosa, Manitoba, Canada, August 4, 1893. She received her B.A. and M.A. degrees from the University of Alberta and her Ph.D. degree from the University of Chicago. She held appointments with the Research Council of Alberta and the Geological Survey of Canada before being appointed an Instructor at this University in 1923. She was promoted to Assistant Professor in 1928, to Associate Professor in 1937, and to Professor in 1946.
VII. RESOLUTIONS IN MEMORIAM (continued)

E. Grace Anne Stewart (continued)

She resigned from that position in 1954 and was granted the title Professor Emeritus. During World War II she served as a geographer in the Office of Strategic Services in Washington. After retirement she served as a consultant for several geological firms. She died in Tucson, Arizona, October 15, 1970.

As a teacher, she was methodical, thorough, patient, and helpful, as many alumni can testify. Her research work dealt mainly with microfossils of the Paleozoic of North America, especially Foraminifera, ostracodes, and conodonts. Her main books are *Fauna of the Silica Shale of Lucas County*, published by the Ohio Geological Survey (1927) and *Middle Devonian Corals of Ohio*, a special paper of the Geological Society of America (1938). In addition, she published numerous shorter papers in the *Journal of Paleontology*, the *Ohio Journal of Science*, and the *American Midland Naturalist*. She will be remembered as a member of that band of pioneer women who refused to be deterred from qualifying as geologists because it seemed to be a masculine preserve. She attained a leading position in the profession by quiet but persistent effort, the production of professional work, and willingness to do a man's work in the field when it was required.

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

VIII. REPORTS

A. Report from the Finance and Investment Committee

1. Resolution Providing for the Sale of Land (12.318 Acres, Part of the Mitchell Tract, North Side of Don Scott Airport) to the Ohio Building Authority

Mr. Dunlap presented the following resolution:

WHEREAS, the Ohio Building Authority desires a site for a hangar facility in the vicinity of the University Airport; and

WHEREAS, the Board of Trustees has title in its Investment Portfolio to a tract of land on the north side of the University Airport which would be suitable for such use in accordance with the University Airport Master Plan; and

WHEREAS, the Ohio Building Authority has offered to purchase 12.318 acres, in accordance with MAI appraisals;
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.
C. Highlights of University Activities (continued)

3. The world's first large scale computerized on-line remote library circulation system is now in full operation on the campus. The new system is designed to make using the University's network of libraries simple and easy. With a telephone call from any phone, anywhere, a student or faculty member can find out in seconds if the books he needs are available and have them reserved for pickup. The system ties in the more than 2,400,000 books, 400,000 music scores, 677,000 microfilm units, and 150,000 maps to a computer. The computer reports instantaneously on a display screen the location and availability of any of these items, and also checks them out if desired.

4. On December 2, at the White House, President Fawcett presented to President Richard M. Nixon a gavel set commemorating the University's Centennial. The walnut gavel set was made for this purpose by Joseph W. Kerchner, the University's Superintendent of Construction Maintenance. The wood used is more than 100 years old. It was obtained from University Hall during maintenance work on the building.

5. The National Science Foundation has reported an important fossil discovery 350 miles from the South Pole by James Collinson, Assistant Professor of Geology at Ohio State. Collinson's find was the 200-million-year-old fossil of a cynodont, a meat-eating reptile about the size of a small dog.

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

Attest:

Edward Q. Moulton  
Secretary

John G. Ketterer  
Chairman
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APPENDIX III

POOLED INCOME FUND TRUST AGREEMENT

and

INSTRUMENT OF TRANSFER
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.


(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 Agree-
ment.

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.


(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.
(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
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. Abrahamsen 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.
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 (1938-60) 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. ARMITAGE, Willoughby, Ohio
President, Triax Company.
B.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 Shiley Professor of Surgery devoted to the care and treatment of burns at the University of Texas Medical Branch, Galveston, Texas (1963-85). 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 ever-expanding 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. 1938, 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 1940 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 (1930-61). 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.

Thomas E. Ervin, New York, New York
Executive Vice President and General Counsel, National Broadcasting Company.
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.
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, 1928; 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.
M.S., The Ohio State University, 1930; L.H.D., University of Israel,

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 advisor to the
State of Israel since its birth, has directed one of the country's
largest urban renewal 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, 1930; M.D., Harvard Medical
School, 1937.

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. 1928, 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
[1953-52].

PAUL R. GINGHER, Columbus, Ohio
Partner, Gingher & Christiansen; 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 practice 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 veterinary 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. Age, 1941, Ph.D. 1944, M.D. 1950, The Ohio State University.
Dr. Gum's work is characterized by unusual insightfulness 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. A. 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 committee man 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 I. H. Bassert Memorial Fund in 1968. He has been an influential member of the Dairy Technology Advisory Committee for Education and Research since its inception in 1944.

ANNA EILEEN HECART, 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' Award, the Pulitzer Prize Award, the 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.
Recognized for research and nationally known from publications and lectures, Dr. Hickey has instituted unique laboratory and clinical teaching programs in dental education. He remains 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. HINES, 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. Hines' 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.

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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, 1944; 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 (Orreg.) 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 many ways, including his presiding over 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.

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 1961, 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. Kaufman has sponsored the Kaufman Memorial Scholarships and the Kaufman 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. Kaufman 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 1946, a national leader in the Agricultural Research Institute, National Academy of Sciences; and the recipient of numerous honors, including the Burden 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 graduate students 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, 1947.
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, Proctor 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 him as 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 London G. Garland Professor of Physics and chairman of the Department of Physics and Astronomy at Vanderbilt (1954-65). 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.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 1933. 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.

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 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 committee man, 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 welfare service 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.

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 1948 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 1953 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 Voris, 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.

Following his training in his formative years at The Ohio State University [1933-38], 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 E. 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 professional 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, 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 in the Supreme Court of Ohio. He was governor of Ohio (1957-59); 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 OTTOLE, 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 1966. 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 outstanding 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 dielectric materials. 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.C.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, 1936.

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 (1951-56); and Macalester College, Saint Paul, Minnesota (1958-60). 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' major programs inoodoo livestock breeding programs in Thailand and served as a scientific attaché 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 Colchis. He is the author of several books.

JAMES R. RILEY, Columbus, Ohio
President, Suburban Mayor Freight.
Attended The Ohio State University, L.L.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
Present-day information
Bibliographies
By seniors and professors,
Support to The Ohio
At The
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
Center's 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
Conferences 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. 1940, 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
(1961-62) 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
Linnana, journal of the American Society of Pharmacognosy,
Of 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
crisis.
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 outstanding textbooks and numerous published research 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.

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.

VICTOR L. STEFFEL, Columbus, Ohio
Professor Emeritus of Prosthetics, College of Dentistry, The Ohio State University.

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 Optimist 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 (1945-51) 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.
Phm.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 Elbert Prize, awarded by the American Pharmaceutical Association. He went to the University of Michigan in 1968, following fifteen years with the Upjohn Company.

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
Goss 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 1958. 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. Zuspan 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. Zuspan taught at the Medical College of Georgia and at Western Reserve University before joining the faculty of the University of Chicago.
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

Barbara Nottingham Armstrong, Newark
B.S.H.E., M.Ho.E. (West Virginia University)
Dissertation: Agricultural Work Experience Programs for Academically Handicapped Youth in Secondary Schools
Field of Specialization: Agricultural Education

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 Bayouni, Troy, N. Y.
B.Sc.E.E. (Air Shams University); M.E.E. (Rensselaer Polytechnic Institute)
Dissertation: Electrical Properties of GaAs, P
Field of Specialization: Electrical Engineering

Ralph Joseph Bolcher, 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.C.E.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. (Tulane University)
Dissertation: Evaluation of Balanced and Divergent Selection for Feeding 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 Pulabini (Formerly Saurini, In Part) of North America (Coleoptera: Tenebrionidae)
Field of Specialization: Entomology

Effe 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 Reared on Artificial Diets
Field of Specialization: Entomology

Violet Florence Boggs, 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 Hothbine Boker, Meadville, Pa.
B.S. in Educ., 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
Robert A. Bowerat, Bellingham, Wash.
B.A. in 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 S. 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 D. Boyer, Chevy Chase, Md.
B.A., M.A. (University of Maryland)
Dissertation: The Directorial Practice of W. S. Gilbert
Field of Specialization: Theatre

Vincent T. Bricc, 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

William B. 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

Henry L. Buckman, 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 A. Brunner, Springfield
B.S. (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 K. 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 E. Buzzard, Denver, Colo.
B.A. (San Jose State College)
Dissertation: Collective Negotiations by Public School Teachers
Field of Specialization: Economics

Harold 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 Cloyd, Altrincham, Cheshire, England
B.A. (East Tennessee State University)
Dissertation: Low-Spin Metal Complexes of a Flexible Bidentate Phosphorous Ligand and a Flexible Tridentate Phosphorus Ligand
Field of Specialization: Chemistry

Sondra M. Cooney, Kent
B.A. (Manchester College, Indiana); A.M. (University of Michigan)
Dissertation: Publishers for the People: W. & R. Chambers — The Early Years, 1832-1858
Field of Specialization: English

Howard 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 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 Lemma
Field of Specialization: Botany

Gilbert Daft, Wooster
B.A. (Marietta College); M.S.
Dissertation: Studies of the Epidemiology of Bacterial Blight of Soybean
Field of Specialization: Plant Pathology

Philip Dalsin, Minneapolis, Minn.
B.S. (Saint Mary's College, Minnesota); M.S. (Loyola University)
Dissertation: Part I: The Reactions of Chlorodifluoromethane and Dichlorofluoromethane 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 14 C-Labelled Aflatoxins B1, B2, and G1 in Rats
Field of Specialization: Pharmacy

Luis Davila, Jr., Bloomington, Ind.
M.S. (Saint Mary's University, Texas); M.A.
Dissertation: The Antipoetry 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 *Bispinosa* Sturm of America North of Mexico with Notes on Extralimital Species (Coleoptera: Tenebrionidae)
**Field of Specialization**: Entomology

Robert Stephens DeLaey, 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

Kennedy Hite Diggins, 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)
**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-Al₂O₃-ZrO₂-SiO₂ System, Especially in the Ternary System CaO-ZrO₂-SiO₂
**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
John Paul Freeman, Columbus
B.S. (Washington and Lee University); M.S. (University of Washington)
*Dissertation*: Stereoclonal Studies of Thetania 1, 1-Dioxide Derivatives
*Field of Specialization*: Chemistry

James Donald Fritzen, B.S.
*Dissertation*: Memory for Digit Series
*Field of Specialization*: Psychology

Steven B.A., M.A.
*Dissertation*: Discriminatory Analysis in Two Populations
*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 Pals Chonnikar, 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

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

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 Acylics
*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. (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 Hostiak, Columbus  
B.S., M.R.A. (Miami University)  
**Dissertation:** The Perceived Pressure and Perceived Norm Compatibility of Reference Groups as Influences on Executive 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.F.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 Mycorrhiza 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

Fredrick Alfsen 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: Palmitoyl-CoA: Carnitine Palmitoyltransferase 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

Ivyton 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

Frederic 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

Richard F. Krenek, Cleveland  
B.ES. (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, Perryburg  
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 Acetoxyl 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 Progesterin in Rutabaga
Field of Specialization: Biochemistry

Hsiang-Po Lee, Cambridge, Mass.
M.A. (Columbia University)
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

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, 1959-70
Field of Specialization: Education

William Carl Louthan, Reynoldsburg
B.A., M.A.
Field of Specialization: Political Science

Evelyn Foreman Luckey, Columbus
B.A., B.S. in Ed., 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 Explanation of William James' Neutral Moriam 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 McLucie, 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'amor
Field of Specialization: Romance Languages

* Degree granted in cooperation with Miami University

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R. Russell Neuwanger, Bloomington, Ind.

A.B. (Harvard University)

Dissertation: Investigation of Some Central Motifs in

Die Nachtweisen des Don Juan

Field of Specialization: German

Charles Richard Oakleaf, Lancaster

B.S. in Agr., M.S.

Dissertation: Junior College Community Service

Persons' Cognition of the Cooperative Extension Service

Field of Specialization: Agricultural Education

Frederick DeCrescen Obenchain, Falls Church, Va.

B.A. (Washington College); A.M. (Indiana University)

Dissertation: The Diversity of Cell Types in the

Neurosecretory System of the American Dog Tick,

Danaeceptor variabilis Say (Acarina, Ixodidae)

Field of Specialization: Entomology

Donald LaMerck 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 Owen, 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 Economies and

Rural Sociology

Bodupudi Prasada Rao, Munnar, 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 Economies and

Rural Sociology

David Lawrence Ratke, 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 Renjar, 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 Poggenpohl's and Der Streichlin

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. (Al 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, Oreg.

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 Seiler, Salt Lake City, Utah

B.A. (University of Utah)

Dissertation: The Structural Analysis of Brain

Gangliosides from Goldfish (Luscinia aurita): The

Presence of n, 8-Diacetylenamic Acid in the

Polysialosialigosides

Field of Specialization: Physiological Chemistry

* Degree granted in cooperation with Miami University

265
Olgia Christina Shopay, Olyphant, Pa.
B.A., M.A. (Pennsylvania State University)

dissertation: A Description of the Language of the
S Created by the Virgin, 1731-1792
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 Cornell: A Life of Dedication
and Service to Physical Education and Athletics
field of specialization: Physical Education

Joanne Sabal 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 Antilipolytic Activity of
Phenoxacyetic 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 Earl 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

Xusban 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 Thomas Vivino, Columbus
B.A. (College of Saint Scholastich); M.A. (University of
Minnesota)

dissertation: Body Image as a Variable in Social
Descriptions
Field of Specialization: Psychology

Ralph Benjamin Vidotto, 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 Seedar
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 Waiton, 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.l.0] Alkanes
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-Alumino-silicate 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 (\(\text{He}_2\)) \(^{\text{M}}\) 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

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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

Hilis 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

Winston 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 Callihan, 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

Ilghe Ali Cankoray, 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 Chaifant, 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, Ironon
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 Essellarme, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Education

Tamara Schlenger Evans, Gambier
M.A.
Field of Specialization: German

Michael Patrick Feihly, 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 Flamingam, Lafayette, Ind.
B.A. (Butler University)
Field of Specialization: Speech

Dale Allen Foer, Columbus
B.A. (Otterbein College)
Field of Specialization: Education

Karen Sue Fox, Fostoria
B.Mus. (Heidelberg College)
Field of Specialization: Music

Edgar Harold Gehm, Lima
B.S. in Edu.
Field of Specialization: Education

Gregory Neal Gibb, Marion
A.B. (Rockhurst College)
Field of Specialization: Psychology

Paulette M. Gilling, 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 Gromdin, Elyria
B.S. in Edu. (Baldwin-Wallace College)
Field of Specialization: Education

Alexander Gross, Tel-Aviv, Israel
B.A. (Tel-Aviv University)
Field of Specialization: Linguistics

Robert Richard Hacccoun, Montreal, Que., Canada
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, Givatayim, Israel
B.A. (Hebrew University of Jerusalem)
Field of Specialization: English (TESOL)

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

Rajani Kant 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 Kiehl, 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 LaGreen, Omaha, Neb.
A.B. (Creighton University)
Field of Specialization: Sociology

Larry Richard Lance, Columbus
B.Ed. (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

Mariene 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 Lota, 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.A. (University)
Field of Specialization: Sociology

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, Gurney, 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 Immer Muhlbaech, 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
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

Funiko 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 Oids, 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 Peres, Negombo, Ceylon
B.A. (University of Ceylon)
Field of Specialization: Physical 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 Pozsgai, Pittsburgh, Pa.
B.A. (Muskingum College)
Field of Specialization: English

Bonnie Jean Provant, 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 LeVerne Rich, Cincinnati
B.S. (United States Military Academy); M.S.
Field of Specialization: Political Science

Norma Lee Richerick, 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 Rodsky, 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.Ed. (Concordia Theological Seminary)  
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. (St. Francis 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,  
Nontaburi, Thailand  
B.A. (Chulalongkorn University)  
Field of Specialization: Political Science

Colleen McCarthy Stillman, Columbus  
Ph.B. (Siena Heights College)  
Field of Specialization: Education

Gerhard Franz Stocker, Columbus  
B.A.  
Field of Specialization: History

David Wesley Strecker, Marietta  
B.A. (Denison University)  
Field of Specialization: English

Leandro Maniwang Tapay,  
Baliihan, Bo., Philippines  
B. of (College De San Jose)  
Field of Specialization: Education

Udo Franz Ustar, Dron, 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 Dulayapoeh,  
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 Essey 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 Jeffrey Yehl, Olean, N.Y.  
B.A. (Manhattan College)  
Field of Specialization: Political Science

Joanna Bodger 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 Dandon, Wooster  
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 Kovacs, Columbus  
B.A. (Wittenberg University); M.S.  
Field of Specialization: Business Administration

Gerald Wayne Logue, 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 Leech, 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, la.  
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 Bussman, 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, Postoria  
B.S.E.E. (University of Notre Dame)  
Field of Specialization: Business Administration

Anne Bradford, Kettering  
B.S. in Agr.  
Field of Specialization: Business Administration

Alan Brandt, Anna  
B.S. (John Carroll University)  
Field of Specialization: Business Administration

James Edward Haci, Bowling Green  
B.S. (Bowling Green State University)  
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

Robert Charles Radcliffe, Columbus  
B.B.S. (Ohio University)  
Field of Specialization: Business Administration

Terry Lee Schilling,  
West Des Moines, la.  
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 Bussman, 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, Postoria  
B.S.E.E. (University of Notre Dame)  
Field of Specialization: Business Administration

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

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 Arenal 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 Bost, Malvern  
B.S. in Phys.  
Field of Specialization: Electrical Engineering

Arden 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.
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.E.
Field of Specialization: Mechanical Engineering

Albert Lincoln Caffo, Port Allegany, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Chemistry

Joan Staken 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, Trimon, 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 Wendel Davis, Columbus
Field of Specialization: Industrial Engineering

Talitha Davis, Birmingham, Ala.
B.S. (Knoxville College)
Field of Specialization: Computer and Information Science

Anne Najler 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

Everett 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.S.E.
Field of Specialization: Civil Engineering

Joaquin 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 Ernster, Sycamore, Ill.
B.S. (Northern Illinois University)
Field of Specialization: Chemistry

James Owen Everly, Marion
R.E.E.
Field of Specialization: Electrical Engineering

Paul James Faust, Hillsboro
Field of Specialization: Dairy Science

Lewis Edgar Fikes, Hillard
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, Shreveport
B.S. in Agr.
Field of Specialization: Agricultural Education

Donato Nicola Firruo, 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

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<table>
<thead>
<tr>
<th>Name</th>
<th>University/Major</th>
<th>Field of Specialization</th>
<th>Country/Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Buleo, Glendenio, Warri</td>
<td>H.S. (California State Polytechnic College)</td>
<td>Agricultural Engineering</td>
<td>Nigeria</td>
</tr>
<tr>
<td>David Hausmann Gelpelin</td>
<td>New York, N.Y. B.S. (Carleton College)</td>
<td>Computer and Information Science</td>
<td></td>
</tr>
<tr>
<td>Mark Lee Gillenson</td>
<td>Brooklyn, N.Y. B.S. (Rensselaer Polytechnic Institute)</td>
<td>Computer and Information Science</td>
<td></td>
</tr>
<tr>
<td>Thomas John Glover Sidney</td>
<td>B.S.</td>
<td>Genetics</td>
<td></td>
</tr>
<tr>
<td>Davina Jeanette Gosnell</td>
<td>H.S. in Nurs. (University of Pittsburgh)</td>
<td>Nursing</td>
<td></td>
</tr>
<tr>
<td>David Randolph Grove</td>
<td>Rossford</td>
<td>Chemical Engineering</td>
<td></td>
</tr>
<tr>
<td>John Albert Haze</td>
<td>B.A. (University of Toledo)</td>
<td>Computer and Information Science</td>
<td></td>
</tr>
<tr>
<td>Teresa Harrod Hall</td>
<td>B.S. in Nurs.</td>
<td>Nursing</td>
<td></td>
</tr>
<tr>
<td>Gary Dean Herrin</td>
<td>B.S. (University of Toledo)</td>
<td>Industrial Engineering</td>
<td></td>
</tr>
<tr>
<td>William Allen Hesse</td>
<td>B.S. in Edu.</td>
<td>Zoology</td>
<td></td>
</tr>
<tr>
<td>Gary Richard Hilbert</td>
<td>B.A. E.</td>
<td>Aeronautical and Astronautical Engineering</td>
<td></td>
</tr>
<tr>
<td>David Howarth</td>
<td>H.S. in Engr. (University of Cape Town)</td>
<td>Civil Engineering</td>
<td>South Africa</td>
</tr>
<tr>
<td>Ming-Ching Hua</td>
<td>H.S. (National Taiwan University)</td>
<td>Pharmacy</td>
<td>Taiwan</td>
</tr>
<tr>
<td>Tzao Hua, Hein Chu</td>
<td>B.S.E.E. (Chinese Naval College of Technology)</td>
<td>Electrical Engineering</td>
<td></td>
</tr>
<tr>
<td>Ronald Lee Hughes</td>
<td>B.M.E.</td>
<td>Metallurgical Engineering</td>
<td>London</td>
</tr>
<tr>
<td>Stephen Charles Hustead</td>
<td>B.S. (United States Military Academy)</td>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Jerome Oliver Jerome</td>
<td>B.S.</td>
<td>Geodetic Science</td>
<td>East Cleveland</td>
</tr>
<tr>
<td>Kenneth Allen Kaufman</td>
<td>B.S.</td>
<td>Mechanical Engineering</td>
<td>Breeksville</td>
</tr>
<tr>
<td>Joseph Andre Keane</td>
<td>B.S. (Union College, New York)</td>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>John Edward Kinsey</td>
<td>B.S. (University of Tennessee)</td>
<td>Horticulture</td>
<td>Knoxville, Tenn.</td>
</tr>
<tr>
<td>Jerry Lee Kinsen</td>
<td>B.S. (Engr.) (Case Western Reserve University)</td>
<td>Electrical Engineering</td>
<td>Groveport</td>
</tr>
<tr>
<td>Calvin Dorr Knight</td>
<td>B.S. in Agr.</td>
<td>Agricultural Education</td>
<td>Ashland</td>
</tr>
<tr>
<td>Arthur Theodore Knuve</td>
<td>Wapakoneta</td>
<td>Electrical Engineering</td>
<td></td>
</tr>
<tr>
<td>Vinod Kumar</td>
<td>B.S. (Eng.) (University of Bihar)</td>
<td>Civil Engineering</td>
<td>New Delhi, India</td>
</tr>
<tr>
<td>Thomas Alfred LaPlante</td>
<td>Easthampton, Mass. B.S. (United States Air Force Academy)</td>
<td>Metallurgical Engineering</td>
<td></td>
</tr>
<tr>
<td>Americo Luis Lárez</td>
<td>La Cruz, Venezuela</td>
<td>Chemical Engineering</td>
<td></td>
</tr>
<tr>
<td>Morton Grove</td>
<td>B.S.</td>
<td>Welding Engineering</td>
<td>III.</td>
</tr>
<tr>
<td>David Richard Long</td>
<td>B.S. (Cornell University)</td>
<td>Agricultural Economics and Rural Sociology</td>
<td>Albion, N.Y.</td>
</tr>
<tr>
<td>Indra Jeet Loomba</td>
<td>B.S. (University of Bihar)</td>
<td>Metallurgical Engineering</td>
<td>Kanpur, India</td>
</tr>
<tr>
<td>Louise Gallaway Loomis</td>
<td>B.S. in Nurs.</td>
<td>Nursing</td>
<td>Columbus</td>
</tr>
<tr>
<td>Denise Deschenes Lastick</td>
<td>B.A. (University of New Hampshire)</td>
<td>Zoology</td>
<td>Dublin</td>
</tr>
</tbody>
</table>

* 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

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James Cletie Mabry, Waverly  
B.S. Agr. (University of Kentucky)  
Field of Specialization: Agricultural Education

Dale Jonathan Macka, 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 Eugenia 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 McEvey, 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 Oce. 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 Mieskoeki, Cleveland  
B.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 Bhachandra 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.A.S.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

Godtsfred Kramer Nymark,  
Kolandsdøi, 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 Chhotobhai Patel,  
Johannesburg, South Africa  
B.S. (Maharaja Sayajirao University); B.Ch.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 Pernavean, Columbus  
Ed B. (Rhode Island College of Education)  
Field of Specialization: Genetics

Rodney Allen Peteyes, Bowling Green  
B.S. in Agr.  
Field of Specialization: Agricultural Education

William Pierpoint, Reynoldsburg  
B.S. in Edu.  
Field of Specialization: Zoology

Patricia Grayson Robinson,  
Shaker Heights  
B.A. (Fisk University)  
Field of Specialization: Microbiology

Judith Jones Ross, Scottdale, 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 Saij Paul,  
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 Shafer, 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

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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 Olufermi Souwemimo, Lagos, Nigeria
B.Pharm. (University of Ife)
Field of Specialization: Pharmacy

Roger Lee Spencer, Dayton
B.S.A.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 Thenapal, 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

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 Laurell 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 Larecomb, 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 Scotti, Columbus
William John Sower, 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
Gerard Emile 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 Hoyesinger, Lorain
Walter Irvin Horne, Columbus
Lloyd Robert Jones, Pound Ridge, N. Y.
Philip Martin Jones, Trotwood
Tim Kreiter, Columbus
Kenneth Gregory Lambert, Lakewood
Jeffrey Eugene Lawson, Kent
Daniel Lee Maull, Columbus
William Leroy Mavis, Reynoldsburg
Daniel Boyd McCarthy, Worthington
Robert Joseph McCluckey, Columbus
Carl Floyd Medley, Columbus
Steve Kent Miller, Sugarcreek
Carolyn Marie Mote, Franklin
Robert Michael Neal, Kenton
Susan Jeanne Nelson, Euclid
Raymond Paul Oswin, Pectoria
Agnes Mckeehill Setai, Basutoland, Africa
Thomas John Shuster, Youngstown
Stanley Roger Smith, Columbus
Dennis William Stevenson, Columbus
Robert Baker Streifbou, Middletown
Albert Andrew Vargo, Jr., Toledo
Ronald Keith Wester, Westerville
John Robert Whitehurst, II, Middletown
Paul Honkwon Yu, Wanchai, Hong Kong

**College of Humanities**
Dean: Arthur Adams

**Bachelor of Arts**
Seventy-seven candidates
John Keith Albertly, Columbus
Paul Joseph Baeksky, Parma
Clara Jeanette Baker, Sidney
Raymond Andrew Bardar, Columbus
Janis Marie Battaglia, Bedford
Johanna Mosbrugger Beaver, Delaware
Barbara Bellis, Fairborn
Frederick Lee Borkemer, Columbus
Edward Augustus Bower, Houston, Tex.
Barbara Ursula Brown, Mansfield
George Manteibert Brown, Columbus
Nancy Louise Cox, Shelby
Beverly Jean Cunningham, Columbus
Tamara deBussele, Westlake
Margaret Ann Dimachia, Lorain
Thomas Clayton Doolan, Cincinnati
John Willis Drummond, Jr., Columbus
Kathilyn Durnford, Columbus
Steven Frederie Eisler, Peebles, N. Y.
Paul Lionel Endlich, Steubenville
Michael Jordan Fairchild, Findlay
Marsha Karin Firestone, Canton
John Miles Folsom, Toledo
Karen Lee Fox, Cincinnati
Oto 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 Kwapiich, 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 Stephen McCoy, Akron
James McCoy Melick, Jr., Roseville
James Allen Moore, Galion
Patricia Blair Moore, Cleveland
David Frank Nicolosi, Cleveland
Sandra Marie Obozniski, Fairview Park
Thomas John Photos, Marion
Edward Stephen Preusse, Akron
James Robert Radeiff, 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 Travinick, Galloway
Thomas Michael Vellani, Columbus
Kathleen Marie Vogt, Akron
Colleen Marie Walsh, Findlay
Jeffrey Allen Weinberger, University Heights
Jon Berry Weisheirner, 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 Worth, North Olmsted
Sidney Mark Zuckerberg, Teaneck, N. J.

Donald Charles Glavan, Minerva
Robert John Gronke, Columbus
John Noel Hansson, Painted Post, N. Y.
Gene Oliver Johnson, Columbus
Dudley Raybon Kindrick, Wake Village, Tex.
Paul Christian Kirk, Olmsted Falls
Rudy 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, Ill.
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
Laure Byrne Betzhold, Columbus
Charles Arnold Bleakney, Columbus
Erick Joseph Blomgren, Columbus
Donald Wayne Brown, Jr., Marion, Ind.

* Also Bachelor of Science in Education.
James Earl Gale
Joan
Larry Lee Hammond, Monroe
James Louis
James Evans
Roy Michael Hillyer, Jr., John Kevin Harris, James David Gruff, Columbus
Joseph John Stephen Louis Gramm, Carol
Thomas Francis Hotlosz, Bellaire
David
Eric Lee Hummell, Columbus
John Franklin Gutman, Botkins
James Jay Glueck, Cincinnati
Jerrold Harvey Brown, Demarest, N. J.
Craig Cobham Bryant, Teaneck, N. J.
Patricia Roche Byler, Cleveland
Joseph Fredrick Caiio, Columbus
Nancy Gene Canowitz, Columbus B.A. (Washington University)
Gayle Solack Carson, Lorain
Carol William Clark, Urbana
Joseph John Conley, Painesville
James Louis Conrad, Columbus
Roy Peter Cooper, Hilton Park, Australia
James Earl Corba, Bellville
Steven Richard Crepeur, Groveport
Robert Joe Cranko, Lorain
*Patricia Lee Crosby, Columbus
Dario Martin Cruz, McLean, Va.
Richard Francis Culp, Columbus
Scott Duane Deubner, Columbus
Cynthia Drodowski Donahay, Columbus
John Anderson Ekers, II, Columbus
Moritz Matthew Ericsson, Marietta
Harry Lee Fleming, Marietta
Elaine Ruth Foot, Cleveland
Terrence Lee Foran, Lakewood
Lois Colette Galza, Orchard Park, N. Y.
James Jay Glaeck, Cincinnati
Jo Ann Goekenbach, Columbus
William Dale Godsey, Columbus
Carol Ann Goldin, Mentor, N. Y.
Patricia Lynne Gracey, New Kensington, Pa.
Elizabeth Phoebe Graham, Ligonier, Pa.
Stephen Louis Gramm, Columbus
James David Gruf, Columbus
John Franklin Gutman, Botkins
Larry Lee Hammond, Monroe
John Kevin Harris, Cinnaclini
Wayne Martin Haupert,
Port Washington
Gale Cheryl Heighton, Lynchburg, Va.
Linda Ruth Hengst, Warren
Joan Catherine Hennessy,
West Hartford, Conn.
Roy Michael Hillyer, Jr., Columbus
Fredric Lee Hirschman, Lido Beach, N. Y.
Patrick Steven Holian, Novelty
Thomas Francis Hotlosz, Belleville
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 Simonc Kimmel, Columbus
Dennis James Kniola, Reynoldsburg
Lee Thomas Koehler, Reading
Edward William Kroppen, 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 Frankton Lowry, Worthington
Gerald Elmo Lucas, Columbus
Patricia Ann McGinnis, Rocky River
Timothy Paige Meehan, Columbus
William Alan Meier, Columbus
Joel Richard Merer, Wapakoneta
Larry Alan Morgan, Circleville
Vernetta Nord Morrice, Newark
Thomas Clinton Morrison, Sylvania
Jean Margarette Nelson,
Phuket, Thailand
Irene Margaret Nielsen, Euclid
James Michael Oyer, Columbus
Virginia Allen Petry, Greenville
George Scott Place, Saint Marys
John Patrick Finn, Oak Park, Ill.
Elizabeth JoAnne Pruitt, Portsmouth
James Richard Pugher, 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 Schomp meyer
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 Steinforth, Columbus
Sherry Lynn Swedenborg, Ashtabula
Jeffrey George Thomas, Parma
Walter William Trumble, Worthington
Miriam Deering Walz, Columbus
William George Watson, Youngstown
Norma Jelisson Weisner, Columbus
Sandra Ann Wiersma, Mansfield
William Scott Wilber, Canton
Gary Steven Willis, Columbus
William Kenneth Wingfield, Ridgewood
Hills Margaret Zerbst, Roanoke, Va.
Margaret Mathna Zgonc, Lorain

Bachelor of Science
Twenty-two candidates

James Woodburn Barney, Waynesville
Hugh McIntosh Danville, Columbus
Clifford Robert JoStephens, Lima
Elizabeth Hicks Gibson, Cincinnati
Warren Edmond Goodnow, 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, Columbus
Lawrence Lewis Rieeio, Margate, N. J.
William Russell Stern, Fairview Park
Zamelia Ann Travis-Bey, Phoenixville, Pa.
Alan Joseph Yovk, 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 Cappeler, Columbus
Vincent Mark Dorin, Youngstown

* Also Bachelor of Science in Education, College of Education
** Also Master of Arts, Graduate School
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 Bohlin, Massapequa Park, N. Y.
Arthur Bohm, University Heights
Mark Geoffrey Botta, Marion
Roger Allan Bowman, Wilminton
Jack Russell Brenner, Massillon
Mark Terry Broida, Akron
John Franklin Brown, Jr., Columbus
David Rea Buchanan, Rome, Ga.
Ricky Allen Bucher, Mansfield
Keith Richard Bogos, Columbus
Thomas Leo Busch, Euclid
Ronald Ray Cantman, Traverse City, Mich.
John Michael Carroll, Chillicotthe
Herbert Lee Coffeld, 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 Fien, University Heights
Gary Freeman, Dayton
Joseph Lawrence Frey, Cincinnati
Richard Thomas Fulmer, Jr., Warren
Michael Paul Garvie, Springfield
James Francis Gideon, Lima
Donald Lynn Gopp, Dover
Suzan Cynthia Gordon, Columbus
Stephen Leonard Graumlich, Washington C. H.
Barbara Grosskopf Gray, Martinsville, Ind.
Michael Dominick Grimaldi, Scene Plains, N. J.
David Elliott Gurvis, Columbus
Jack Anthony Hacklmann, 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 Hodesheil, 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
Stephen William Kach, Columbus
Julius Lee Karst, Van Wert
Walter Stephen Kasica, Passaic, N. J.
Philip John Kennedy, Akron
John Reppart Kirkland, Cadiz
Frank Makovee 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 Mackson, Teaneck, N. J.
Daniel Lee Madden, Ashatabula
William Anthony Marshman, Columbus
Steven Craig McConaughy, Columbus
John David Mehall, Shelby
Eugene Joseph Mee, Elyria
Richard Ives Meyer, Columbus
Duane Elbert Middleworth, 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 Papple, 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 Darrel Secco, Brook Park
Lawrence Edward Seck, Norwalk
Richard Paul Setter, 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 Triantafilles, Cleveland
David Leonard Tryda, Parma
Alan Bernard Viestlein, 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 Lenthall, Hewlett Harbor, N. Y.
Kenneth Peter Luechin, Concord, N. H.
Joanne McCully, Cleveland
Carole Smatt Menge, Brooklyn
Margaret Ann Morris, North Canton
Steven Lewis Platt, 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, Bloomington
Frances Shuler Arent, II, Hamilton
Joseph John Bateman, Jr., Cleveland
Richard Louis Boehm, Cincinnati
Roger Alan Bossley, Geneva
Michael William Brule.
Milford Center
Jon Alan Brandt, Anna
Loren Louis Brelsford, Newcomerstown
Steven Wayne Cosegrag, Plain City
Stephen Roy Conig, 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, Pittman
Leigh Douglas Manteiff, Cleveland
Daniel Paul Mazur, Sylvania
Charles Frederick McCluskey, Jr., Mt. Vernon
Ronald Lee McGuire, Dayton
John Martin McLaughlin, Columbus

* Also Master of Science, Graduate School
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 Phyllis Blecher, Delaware
Joy Ann Borchers, Vandalia
Martha Edna Borror, 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

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 Dentistry
Dean: John R. Wilson

Lynn Robert Miller, Mt. Vernon
Walter Kirk Miller, Richwood
Thomas Rny Moss, Greenwich
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 Rosenc, Warsaw
Ronald Andrew Schaefer, Medina
Edward Alfred Schrier, Bucyrus
David Arnold Snyder, Baltic
Daniel Morris Stone, Ashland
Danny Lee Swartz, Shilo
Joseph Michael Szuszkiewicz, Chardon
Thomas Richard Thomas, Kinnsman
Glenn Miller True, Jr., Fostoria
Joyce Marie Turk, Euclid
John Thomas Whinnery, Adena
Jerald Clancy Woodard, Waterford
Dale Eugene Young, II, Columbus
Mary Elizabeth Tucker Zimmer, Lowell
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 Kistry, Cincinnati
Michele Fitzgerald Kunk, Springfield
Kathleen Ann Lenander, Columbus
Sandra Kay Loy, Dayton
Susan Deck McGough, Reading, Pa.
Barbara Rheiubie Meiring, Dayton
Margaret Madison Millhouse, Dayton
Carol Jane 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 Parro, Troy
Brenda Horne Ringer, Columbus
Dianna Mae Schaad, Harrod
Ruth Limbaugh Shawecker, Worthington
Margaret Anne Stuart, Ridgewood, N. J.
Mary lou Veronica Swishzelbem, 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
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 Andrews, Sugarcreek
Gabrieba Taylor Baer, Racine
Lola 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 Darcoce Bucher, Dublin
Joyce Long Bufwaek, 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 Kropf Center, Columbus
George Michael Clark, Coshocton
John Michael Clark, Harrod
Laura Thornton Cleverger, 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 Dana, 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 Daughtry, Columbus
Deanna Baker Doyle, Leesburg
Mary Karmes Dutton, Columbus
Eileen Joyce Dvorin, Bayonne, N.J.
James Robert Ealman, Springfield
Robert Lewis Eberhard, Columbus
John Arthur Elzin, Columbus
John Alan Ewing, Hillsville
Dale Everett Fagaly, Fairfield
Paul Edward Fendler, Warren
Philip Lee Fishman, Marblehead, Mass.
Barbara Jean Flanigan, Delaware
Marcia M. Fortenoff, Akron
Anita Joan Freed, Sunbury, S.C.
Sandra Jean Freeman, Columbus
Nancy Jean Frohlich, Cleveland
Kenneth Wayne Fryman, Radnor
Ann Justine Furlong, Delaware
Charlene Gallone, Cleveland
David Warren Galvin, Jr., Westbury, N.Y.
Gail Opperman Garber, East Rockaway, N.Y.
Barbara Jean Flannigan, Delaware
Marcia M. Fortenoff, Akron
Anita Joan Freed, Sunbury, S.C.
Sandra Jean Freeman, Columbus
Nancy Jean Frohlich, Cleveland
Kenneth Wayne Fryman, Radnor
Ann Justine Furlong, Delaware
Charlene Gallone, 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 Gehman, 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, Hillsville
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 Greisinger, Newark
Susan Horton Griffin, Columbus
Beaverly Ann Gross, Canton
Charles Joseph Gross, Columbus
B.A.
Doreen Iris Groveman, Cleveland
Karen Ellen Gudgeon, Columbus
Marcella Risch Haldeman, Bucyrus
Cheryl Lynne Hammesley, Chillicothe
Linda Lee Hameed, Columbus
Susanne Marie Hanno, Galion
George Hendel, Wooster
Nancy Ann Herstek, Lorain
Gamaldel Warren Hilson, Columbus
Joyce Elaine Hoppes, Springfield
Sandra Marie Houzer, Lima
Robert F. Howard, Jr., West Chester
Lourence Flachcer Hoy, Grove City
Gail Fetter Haber, Crestline
Linda Huff, Marion
Patricia Quellhorst Hughes, Tipp City
Carol Kandace Hurm, St. Marys
William Albert Jarrell, New Carlisle
Mark Louis Kay, Dayton
Thomas Richard Jewell, Lima
Patricia Joseph Johnson, Cridersville
Karen Decker Jones, Dayton
Emma Jean Jordan, Cleveland
Henry Curt Kassigicke, Cleveland
Ruth Smith Keener, Marion
Monica Kelly, Hempstead, N.Y.
Audrey Melvin Kemmer, New Carlisle
Katherine Sparks Kemp, Mansfield
Diana Groge Keplinger, Galion
Thomas Harry Keplinger, Galion
Patricia Sue Kerns, West Mansfield
Sylvia Sudak Kerns, Columbus
Lynda Davis Kidd, Mansfield
*Anne King, Mt. Sterling
James Hayes King, Jr., Northfield
Frances Rita Klets, Pittsburgh, Pa.
Thomas Lee Korte, Byesville
Cynthia June Kovan, Shaker Heights
Carolyn Sue Kramer, Columbus
Linda Irene Kreech, Columbus
Joseph James Kreider, Columbus
Sharon Louise Kroeker, Fairborn
Joyce Jacobs Kunke, Rushylvania

* Also Bachelor of Arts, College of the Arts and Sciences
Linda Sue Lawton, Fleming
Doris Preston Lemaster, Grove City
Allys Atland 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, Galion
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, Poulney, 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 Nelbert, 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 Pulko, Cleveland
Linda Sue Purdy, Marion
Mary Lee Quigley, Columbus
Matthew Phillip Quinn, Ottumwa, Ia.
Karen Lou Raefold, Ashland
Susan Elaine Raglan, Columbus
Sandra Lucas Rahn, Worthington
Thomas Dale Rambo, Columbus
Linda Little Ref, Lima
Gayle Comora Retoke, Elberon, N. J.
Margaret Ann Richmond, Bedford Heights
Cynthia Neuman Rodosky, Wapakoneta
Jane Krumholz Roemer, Dayton
Meredith Brown Romito, Bedford
Meryl Kuzdzan Ross, 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 Endebrock 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 Smans, Columbus
Clara Mennon Smeltzer, Columbus
Beverly Gail Smith, Columbus
Dana William Smith, Pickerington
David Earl Smith, Urbana
Bonnie Auren Snyder, Lima
Robert Eugene Snyder, Lima
Susan Elizabeth Solomon, Cleveland
Suzanne Swartz Sommer, Marion
Sondra Mae Sparks, Columbus
Vincent Joseph Speciale, Columbus
Kay Ellen Spoonser, North Canton
Michael Clemens Stanley, Youngstown
Ann Ruth Mantza Stierman, Akron
Gary Richard Stiles, Columbus
Stephen Michael Stockdale, Delaware
Stephen Rodger Stought, Gahanna
James Richard Stovicek, Westlake
A.B. (Borrowed Seminary)
April Walker Stull, Worth
James Gerard Swank, Newark
Thomas Lee Swearingen, Ecorse, Mich.
Betty Jane Taylor, Strongsville
Kathryn Ann Taylor, Mt. Vernon
Candes Lynn Thompson, Sidney
Carol Kathy Thompson, Columbus
John Wayne Thorne, Lima
Patsy Reno Todt, Columbus
Ellen Forst Traucht, Urbana
Kathleen Moore Tunis, Lyndhurst
Karen Sandra Vanta, Parma
Carole Abbott VanValkenburg, Columbus
Susan Burcham Vass, Ironon
Kathleen Cruenane Ward, Hilliard
Susan Lynn 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 Wigon Whiting, Marietta
Dianne Davlison Williamson, Columbus
Susan Cornell Willis, Norwalk
Cynthia Elaine Winne, Xenia
Ronna June Witus, North Miami Beach, Fla.
Cynthia Ray Walldorf, Canton
Susan Elizabeth Yonta, Powell
Roy Henry Young, Columbus
William Joseph Zahn, Marion
Susan Lynn Zimmerman, Columbus
Anthony Robert Zito, Parma

Bachelor of Arts 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, Columbus
Barbara Norris Finkes, Granville
Linda Bercau Sweazy, Columbus

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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 Hall, Md.
Stephen Aaron Larmore, Kirkwood, Mo.
Stephen William Livingston, Willoughby
Jeri Ann Marburger, Columbus
Mary Emilene 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
Benyahu 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 Hootley, 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 Basset, Lima
Robert Alan Bell, Upper Sandusky
Richard Keith Byler, West Liberty
Gerald Leo Gerker, Cleverdale
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, Roseford
Donald Carl Haberkoast, Parma Heights
Charles Alvin Klingensmith, Leavittsburg
David Oliver Kutscher, New Philadelphia
James Nicholas Stambolis, St. Clairsville

Bachelor of Science in Chemical Engineering

Six candidates

Bradford Frank Dunn, Fostoria
David Randolph Grove, Rossford
Donald John Winarski, Parma Heights
Richard Lee Pottorf, Jr., Columbus
Larry "''ayne Thomas, Diamond
Robert Dale Williams, Delta

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 Corra, 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
Richard Charles Wesley, Columbus
David Dale Writsel, New Holland

Bachelor of Electrical Engineering
Fifteen candidates

*Roger Duane Ahlberg, Columbus
Kwamena Gyakye deGraft-Johnson, Accra, Ghana
Stanley Robert Jewell, Murray, Ky.
Gerhard Friedrich Vilhelm Kasischke, Dayton
*Arthur Theodore Knueve, 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 Schiegel, Columbus
Thomas Lee Sluss, Canton
John Albert Taylor, Columbus
Donald Paul Tusko, Lorain

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 Mandy, Westlake
Curtis Pomerene Martin, Columbus
Charles Bernard McCartney, Newark
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 Soucek, Bedford Heights
Terry Lee Watkins, Ashtabula

Bachelor of Mechanical Engineering
Four candidates

Lloyd Allen Herman, Sugarcreek
*Kenneth Allen Kaufman, Brecks ville
Jerome Carl Poppe, Cincinnati
Terry Leonard Wissman, New Bremen

Bachelor of Science in Mechanical Engineering
Fourteen candidates

Frank Wiuchet Brooks, Jr., Dayton
Ralph Harold Hohenbacher, Sidney
Jeffrey Jay Iles, Medina
Kenneth Lee Kaylor, St. Marys
Allen Peter Krukowski, Cleveland
Robert Lynn Kyle, Barberton
Timothy Louis Lauroy, Dresden
Donal 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,
Checkowaga, 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 Brock, Belpre
B.A. (Marietta College)

James Michael Caulfield, Circleville
B.A. (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 Niesgaus, Peoria, Ill.
B.A. (Miami University)

Donald Barry Paytoner, 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 Earnest Abbott,
Audubon, N. J.
Genevieve Buckner, South Euclid
Linda Jean Ivins, Maple Heights
Barbara Lee Krenziel, 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 McNab Craig, Marietta
Nancy Elizabeth Crowes,
Chesterland
Cheryl Renee Dorsey, Dublin
Alice Moody Draper, Ashland
Lee Kathleen Gearhart,
Homestead AFB, Fla.
Phyllis Jean Hasenplug, Oberlin
Jane Geffnerman, Columbus
Mary Ellen Kruse, Columbus
Kathy Lee Little, Sarasota, Fl.
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, Cleveland
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 Wuichet 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
Donna 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 Bercauw 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 Board of Trustees met at its regular monthly meeting on Wednesday, February 3, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.

The Chairman, Mr. Ketterer, introduced the two new members of the Board of Trustees of The Ohio State University:

Mr. Robert S. Dorsey, who was appointed by Governor James A. Rhodes to fill the unexpired term of Mr. Frederick E. Jones, beginning June 23, 1970 and ending May 13, 1972, with appointee taking office December 11, 1970. Mr. Jones' resignation was accepted June 22, 1970.

Mr. John L. Gushman, who was appointed by Governor James A. Rhodes to succeed Mr. Jack Gibbs, for the term beginning May 14, 1970 and ending May 13, 1979, with appointee taking office December 11, 1970.
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 27.0703, 29.01, 29.03, 29.2711, and 53.0705 of Rules for the University Faculty

On December 8, 1970, the Faculty Council approved revisions in the Rules for the University Faculty as follows:

1. Section 1 of Rule 27.0703 is revised to provide for one representative from each of the ten areas of the Graduate Faculty. The second paragraph of Section 2 of Rule 27.0703 pertaining to elections for the Graduate Council is modified to change the nominating procedures for election to the Graduate Council.

2. Section 1 of Rule 29.2711 is modified to include the addition of a graduate student to membership on the Athletic Council.

On January 26, 1971, the Faculty Council approved revisions in the Faculty Council section of the Rules for the University Faculty as follows:

1. Part (a) of Rule 29.01 is revised to provide for the addition of six vice presidents as ex officio members of Faculty Council. Part (b) is revised to provide one elected member from each regional campus faculty. Part (c) is added to provide for thirty-three student members who shall be eligible to vote except on matters pertaining to the awarding of degrees.

2. Rule 29.03 is amended in title only to include "of Faculty Members."

3. Rule 53.0705 is amended to be consistent with Rule 29.01.

President Fawcett recommended that the foregoing changes in Rules for the University Faculty as shown in Appendix V, page 323 be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the Rules for the University Faculty.
February 3, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, President Fawcett recommended that the Willard M. Kiplinger Professorship in Public Affairs be established in the School of Journalism at The Ohio State University.

Funding for this professorship and related programs will be provided by the Kiplinger Foundation Incorporated. In presenting an initial gift of $50,000.00 toward the support of this professorship, Austin Kiplinger said "It is my hope, as I know it would be his (Willard M. Kiplinger), that this grant will help to produce more reporters who will know more about the subject matter of public affairs. Increasingly, public decisions are the stuff of everyday life, so the coverage of these decisions is at the heart of the most important function of journalism in the world today, a clear and honest presentation of public issues." The purpose of this professorship has been defined rather broadly, embracing such fields as editing, editorial techniques, reporting and writing.

The original gift and subsequent contributions from the Kiplinger Foundation will be used to establish an endowment fund, the income from which will be used to support the professorship. A search is to be initiated immediately so that an appropriate person may be appointed to this professorship as soon as the necessary level of funding is achieved.

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

C. Honorary Degrees

President Fawcett recommended pursuant to Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degrees as specified be conferred on the following individuals at a future Commencement mutually agreeable to the University and the recipients.

Paul G. Benedum    Doctor of Laws
Max M. Fisher      Doctor of Laws
John W. Galbreath  Doctor of Laws
Samuel M. Melton   Doctor of Laws
Everett D. Reese   Doctor of Laws
Barbara Walters    Doctor of Humane Letters

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.
February 3, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Naming of Building

Upon the recommendation of the Dean of the College of Agriculture and Home Economics and with the concurrence of the President's Cabinet, President Fawcett recommended that the Horticulture, Forestry and Food Technology Building at 2001 Fyffe Court be named "Howlett Hall" in memory of Freeman S. Howlett.

The late Dr. Freeman S. Howlett served as Professor and Chairman of the Department of Horticulture and Forestry at The Ohio State University and of the Department of Horticulture at the Ohio Agricultural Research and Development Center. Dr. Howlett contributed much to the profession of horticulture and the field of teaching during his 46-year career at The Ohio State University and was held in high esteem by the leaders of the horticulture industries of the state, the nation and the world.

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

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

E. Establishment of a Graduate Library Science Program (Master of Science and Doctor of Philosophy Degrees)

The Faculty Council on December 8, 1970, approved the establishment of a Graduate Library Science Program upon the recommendation of the Council on Academic Affairs.

President Fawcett recommended that the action of the Faculty Council be approved. Pursuant to Section 3333.04 of the Revised Code of Ohio, it was recommended further that this proposal be forwarded to the Board of Regents for approval and funding. Initiation of the programs leading to the Master of Science and Doctor of Philosophy degrees will be conditioned upon favorable action by the Regents on the proposal and adequate funding.

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

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the December 4, 1970 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:
February 3, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments

Samuel Saslaw, Professor (Frank E. and Mary W. Pomerene Professor), Department of Medicine, effective February 1, 1971, at a salary of $29,676.00 per annum.

Robert L. Chazan, Associate Professor (Samuel and Esther Melton Chair of Jewish History and Studies), Department of History, effective January 1, 1971, at a salary of $15,888.00 per annum.

In addition to the foregoing recommendations, the President presented the following changes in assignment.

Richard O. Moore assumed the duties of Associate Dean in the College of Biological Sciences, effective January 1, 1971, at a salary of $26,568.00 per annum. He will continue to hold an appointment as Professor in the College of Biological Sciences - Academic Faculty of Biochemistry and Molecular Biology at No Salary.

Francis A. Ruzicka assumed the duties of Associate Dean in the College of The Arts, effective December 1, 1970, at No Salary. He will continue his position as Professor and Chairman of the College of The Arts - Division of Art.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Jean McClester, Instructor (County Extension Agent, Home Economics) Morrow County, effective January 1, 1971 through March 15, 1971, to participate in a program of professional improvement at Colorado State University.

John D. McConnell, Instructor (County Extension Agent, 4-H) Erie County, effective January 1, 1971 through March 31, 1971, to participate in a program of professional improvement at the University of Florida.

C. Leaves of Absence Without Salary

David Evans Black, Professor, College of The Arts - Division of Art, effective April 1, 1971 through June 30, 1971, to continue research in Germany.
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.
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

<table>
<thead>
<tr>
<th>Type</th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
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<tbody>
<tr>
<td>Contracts</td>
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<tr>
<td>Government Research - Federal</td>
<td>10</td>
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<td>Industrial and Other Research</td>
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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

   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.
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.


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.


TOTAL - Government Research Contracts - Federal $368,041.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

2. Industrial and Other Research Contracts

a. 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.


TOTAL - Industrial and Other Research Contracts $48,285.00


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 Photochemically 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. 1464-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 PO2 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. 2050-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)


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.


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)

Gross Value - $50,600.00.

Gross Value - $15,200.00.

Gross Value - $55,700.00.

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.

Gross Value - $10,000.00.

Gross Value - $52,737.00.

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.


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

SUMMARY

<table>
<thead>
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<th>No. of Projects</th>
<th>Gross Value</th>
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<td>Government Research Contract</td>
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<td>Industrial Research Contracts</td>
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</tr>
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<td><strong>Totals</strong></td>
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</table>

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 Ext. #1
A Study of the Li₂O - P₂O₅ - Al₂O₃ System, Chase Brass and Copper Company, Cleveland, Ohio.
Gross Value - $3,333.00.

EES 383X
Development and Study Program for Heat Losses, Columbus & Southern Ohio Electric Company, Columbus, Ohio.
Gross Value - $10,081.00.

TOTAL - Industrial Research Contracts $13,411.00

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.

SUMMARY

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 SO1 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)
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-6256)

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. 71-044-006)

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)
IV. GRANTS AND GIFTS (continued)

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

<table>
<thead>
<tr>
<th>#</th>
<th>Amount</th>
<th>Description</th>
<th>Granting Authority</th>
<th>Period</th>
<th>Proposal No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>$25,960.00</td>
<td>Undergraduate Research Participation, Chemistry</td>
<td>National Science Foundation</td>
<td>October 31, 1971</td>
<td>GY-8882 - Proposal No. 1/3017</td>
</tr>
<tr>
<td>14</td>
<td>$25,350.00</td>
<td>Undergraduate Research Participation, Pharmacy</td>
<td>National Science Foundation</td>
<td>October 31, 1971</td>
<td>GY-8737 - Proposal No. 1/2646</td>
</tr>
<tr>
<td>15</td>
<td>$20,890.00</td>
<td>Undergraduate Research Participation, Physics</td>
<td>National Science Foundation</td>
<td>October 31, 1971</td>
<td>GY-8888 - Proposal No. 1/2279</td>
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<tr>
<td>16</td>
<td>$16,200.00</td>
<td>Law Enforcement Education Program (LEEP)</td>
<td>U.S. Department of Justice, Law Enforcement Assistance Administration</td>
<td>July 1, 1970 through June 30, 1971</td>
<td>Transaction No. 003090-71</td>
</tr>
<tr>
<td>17</td>
<td>$14,605.00</td>
<td>Student Science Training Program (Pre-College)</td>
<td>National Science Foundation</td>
<td>October 31, 1971</td>
<td>GW-6679 - Proposal No. 1/2322</td>
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<tr>
<td>18</td>
<td>$2,269.00</td>
<td>Medical Library Resource Support</td>
<td>Department of Health, Education and Welfare, Public Health Service</td>
<td>January 1, 1971 through December 31, 1971</td>
<td>Grant No. 5 G01 LM00187-05</td>
</tr>
<tr>
<td>19</td>
<td>$2,088.00</td>
<td>Conference for training personnel in the Office of Urban Affairs of the State of Ohio</td>
<td>State of Ohio, Department of Urban Affairs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>$1,800.00</td>
<td>Graduate Fellowship Program</td>
<td>Department of Health, Education and Welfare, Office of Education</td>
<td>July 1, 1970 through February 29, 1972</td>
<td>Grant No. OEG-70-0220-824</td>
</tr>
</tbody>
</table>

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.
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. Benedict 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.
February 3, 1971 meeting, Board of Trustees

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.
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.
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:

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>4,384</td>
<td>$108,009.35</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>2,754</td>
<td>$92,744.46</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>116</td>
<td>$55,985.13</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>29</td>
<td>$94,311.67</td>
</tr>
<tr>
<td></td>
<td><strong>7,283</strong></td>
<td><strong>$351,050.61</strong></td>
</tr>
</tbody>
</table>

2. Month of December, 1970

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

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>6,011</td>
<td>$479,619.21</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>553</td>
<td>$470,415.90</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>36</td>
<td>$117,220.40</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>59</td>
<td>$174,618.07</td>
</tr>
<tr>
<td></td>
<td><strong>6,659</strong></td>
<td><strong>$1,241,873.58</strong></td>
</tr>
</tbody>
</table>

3. Annual Report, 1970

The total gifts received and the number of donors making these gifts for the calendar year 1970 were as follows:

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>31,138</td>
<td>$1,604,822.72</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>6,039</td>
<td>$851,977.94</td>
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<tr>
<td>Business Concerns</td>
<td>549</td>
<td>$943,291.94</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>504</td>
<td>$1,189,432.19</td>
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<tr>
<td></td>
<td><strong>38,230</strong></td>
<td><strong>$4,589,524.79</strong></td>
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</tbody>
</table>

During the Centennial Year the total gifts and pledges through The Ohio State University Development Fund amounted to $10,285,297.00.
IV. GRANTS AND GIFTS (continued)

E. Resolution of Commendation

Mr. Shocknessy proposed the following resolution for adoption by the Board of Trustees:

RESOLVED, That the Board of Trustees notes with gratification the achievement of the Centennial Year goal of $10 million in gifts and pledges by The Ohio State University Development Fund and offers its highest commendation to all of those whose efforts made this possible including the many volunteers, the members of the Board of Directors and the staff members;

BE IT FURTHER RESOLVED, That the contributors, including alumni, parents, friends, foundations, industrial and business concerns, provided a most significant and tangible demonstration of support for vital growth programs, which will help this University to fulfill its obligations to society and realize its full potential as one of the nation's outstanding comprehensive universities.

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

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. University Hospital - Renovation of Mechanical System in Central Service Areas

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 36,706.00</td>
<td>$ 37,155.80</td>
<td>$ 449.80</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 58,384.04</td>
<td>$ 66,703.62</td>
<td>$ 8,339.58</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,811,875.00</td>
<td>$1,827,942.67</td>
<td>$16,067.67</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,880,408.00</td>
<td>$1,900,387.00</td>
<td>$19,979.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Item 315-044, H. B. 202; Item 315-041, H. B. 886, Health, Education and Welfare Grant (Title I); and Health, Education and Welfare Grant (Title II).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

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

A. Interior Decorating for 1971

This project provides interior patching of plaster, painting and other normal maintenance in Hagerty Hall and Denney Hall.

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

B. Sisson Hall - Remodeling for Offices and Laboratories

This project provides the remodeling and conversion of rooms from a Parasitology Laboratory and equipment storage to additional faculty offices, graduate student study rooms, three research laboratories and one cold room.
VI. PLANS AND SPECIFICATIONS (continued)

B. Sisson Hall - Remodeling for Offices and Laboratories (continued)

Funds for the project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

C. River Pump House - Electrical Feeders

This project removes the Stadium electrical load from the river pump house by the installation of a selector switch and cables to connect it to an alternate circuit.

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

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

VII. REPORT OF AWARD OF CONTRACTS

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

A. Animal Science Building - Remodeling of Mechanical System

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating, Ventilating and Air Conditioning Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 bids received 11-20-70)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farber Corporation (Columbus)</td>
<td>$44,425.00</td>
<td>$49,774.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 11-30-70)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S &amp; S Electric Co., Inc. (Columbus)</td>
<td>$11,470.00</td>
<td>$16,471.00</td>
</tr>
<tr>
<td>Total Contracts</td>
<td>$55,895.00</td>
<td>$66,245.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Contractor</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>Waller &amp; Lund, Inc. (Columbus)</td>
<td>$40,830.00</td>
<td>$43,570.00</td>
</tr>
<tr>
<td>Mechanical Contract</td>
<td>J. A. Guy, Inc. (Dublin, Ohio)</td>
<td>869,700.00</td>
<td>885,000.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td>Jess Howard Electric Co. (Columbus)</td>
<td>153,693.00</td>
<td>296,758.00</td>
</tr>
</tbody>
</table>

Total Contracts $1,064,223.00 $1,225,328.00

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

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Contractor</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acoustical Contract</td>
<td>Frank Vlack Co., Inc. (Columbus)</td>
<td>$2,277.00</td>
<td>$3,283.00</td>
</tr>
<tr>
<td>Heating, Ventilating and Air Conditioning Contract</td>
<td>Limbach Company (Columbus)</td>
<td>19,100.00</td>
<td>25,320.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td>Jess Howard Electric Co. (Columbus)</td>
<td>14,120.00</td>
<td>19,200.00</td>
</tr>
</tbody>
</table>

Total Contracts $35,497.00 $47,803.00

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

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(8 bids received 1-15-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harold F. Mollenauer Co. (Columbus)</td>
<td>$19,683.00</td>
<td>$57,000.00</td>
</tr>
</tbody>
</table>

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

E. Air Condition Main Library

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

<table>
<thead>
<tr>
<th>Electrical Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(8 bids received 1-12-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jess Howard Electric Co. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$81,329.00</td>
<td>$118,640.00</td>
</tr>
<tr>
<td>Alt. E-1 Electrical work for Alt. M-1</td>
<td>+ 5,818.00</td>
<td>+ 24,556.00</td>
</tr>
<tr>
<td>Alt. E-3 Modulated duct heater control</td>
<td>- 474.00</td>
<td>+ 3,130.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$86,733.00</td>
<td>$146,326.00</td>
</tr>
</tbody>
</table>

**Total Contracts** | $560,733.00 | $599,620.00 |

\[\text{All base bids on the Mechanical Contract were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of this contract to the low bidder is recommended subject to the approval of the State Controlling Board.}\]

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

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Contractor</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>Knowlton Construction Co.</td>
<td>$2,028,000.00</td>
<td>$2,382,000.00</td>
</tr>
<tr>
<td>(4 bids received 2-2-71)</td>
<td>(Bellefontaine, Ohio)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. G-1 Additional enclosed space</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>on Fourth Floor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. G-2 Laminated plastic paneling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for dental cubicles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. G-6 Labeled doors and frames</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for existing stairways</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contract</td>
<td>$2,119,000.00</td>
<td>$2,447,000.00</td>
<td></td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td>Huffman-Wolfe Co. (Columbus)</td>
<td>$525,675.00</td>
<td>$597,000.00</td>
</tr>
<tr>
<td>(6 bids received 2-2-71)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. P-1 Relocation of Third Floor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>roof drains</td>
<td></td>
<td>$100.00</td>
<td>2,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$525,775.00</td>
<td>$599,000.00</td>
<td></td>
</tr>
<tr>
<td>Heating, Ventilating and Air</td>
<td>Julian Speer Co. (Columbus)</td>
<td>$1,174,500.00</td>
<td>$1,123,000.00</td>
</tr>
<tr>
<td>Conditioning Contract</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 bids received 2-2-71)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td>$1,174,500.00</td>
<td>$1,123,000.00</td>
</tr>
<tr>
<td>Alt. H-3 Fourth Floor unit heaters</td>
<td></td>
<td>4,600.00</td>
<td>2,000.00</td>
</tr>
<tr>
<td>Alt. H-4 Interconnect piping for</td>
<td></td>
<td>15,000.00</td>
<td>7,000.00</td>
</tr>
<tr>
<td>existing chillers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. H-5 Temperature control tie-in to</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>existing panel</td>
<td></td>
<td>19,000.00</td>
<td>30,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$1,213,100.00*</td>
<td>$1,162,000.00</td>
<td></td>
</tr>
<tr>
<td>Electrical Contract</td>
<td>McCarty Brothers Electric Co.</td>
<td>$767,700.00</td>
<td>$652,000.00</td>
</tr>
<tr>
<td>(5 bids received 2-2-71)</td>
<td>(Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td>$767,700.00</td>
<td>$652,000.00</td>
</tr>
<tr>
<td>Alt. E-3 Fourth Floor lighting of</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>unit heaters</td>
<td></td>
<td>2,300.00</td>
<td>2,000.00</td>
</tr>
<tr>
<td>Alt. E-4 New site lighting fixtures</td>
<td></td>
<td>1,200.00</td>
<td>2,000.00</td>
</tr>
<tr>
<td>Alt. E-5 Relocation of University</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospital service feeders</td>
<td></td>
<td>16,000.00</td>
<td>15,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$787,200.00*</td>
<td>$671,000.00</td>
<td></td>
</tr>
</tbody>
</table>

*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)

<table>
<thead>
<tr>
<th>Contract Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Hall Seating Contract (3 bids received 2-2-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smith and Schaefer (Columbus) Base bid</td>
<td>$44,602.00</td>
<td>$30,000.00</td>
</tr>
</tbody>
</table>

The bids for the Laboratory Equipment Contract are under study and recommendation for the award of this contract will be presented to the Board of Trustees at the next meeting.

Funds for this project have been provided from Item 315-072 (Dental Building, Phase II), H. B. 531; Item 235-010 (Architectural Planning to Board of Regents); and a Public Health Service Grant.

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

VIII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

Ohio Department of Highways Request No. 48

Approves the agreement dated November 16, 1970, between the Ohio Department of Highways and The Ohio State University relative to the relocation and improvement of State Route 315.

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laneview Service Center - Railroad Siding, Employment of Engineers

President Fawcett recommended that the engineering firm of E. S. Preston Associates, Inc., be employed to provide professional engineering services including complete design, preparation of plans, specifications, and bid documents but excluding supervision of construction.

The fee for this service has been negotiated and is based on the standard fee schedules of the Ohio Society of Professional Engineers. It shall not exceed $7,735.00.
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.
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.

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X. AWARD PRESENTED TO PRESIDENT FAWCETT (continued)

His direction of a complex and intellectually demanding undertaking is based on masterful understanding of each part, on a thorough grasp of its relationship to the sum total of man's accumulated knowledge, and on unique responsiveness in making those resources available to the service of humankind. These abilities have brought him recognition as an international figure in educational leadership.

His abilities as a long-range thinker, planner and human doer bring him grateful recognition as a dedicated, expert and eminent leader of our community.

XI. REPORT

A. Report on the University’s Investment Portfolio

The report dated February 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University’s Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

XII. COMMITTEE APPOINTMENTS

Mr. Ketterer announced the appointment of the following-named persons to membership on the Retirement and Insurance Committee:

Retirement and Insurance Committee

Robert S. Dorsey
John L. Gushman

Thereupon the Board adjourned to meet Friday, March 5, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman
APPENDIX V

Revision of Rules 27.0703 and 29.2711
of Rules for the University Faculty

Approved by Faculty Council
December 8, 1970

and Rules 29.01, 29.03, 53.0705
of Rules for the University Faculty

Approved by Faculty Council
January 26, 1971

Adopted by Board of Trustees February 3, 1971
(See page 290)
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.

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

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Revisions in Rules 27.0703, 29.01, 29.03, 29.2711, and 53.0705 of Rules for the University Faculty (continued)

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.

29.03. Election of Faculty Members.


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.
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.

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.
The Board of Trustees met at its regular monthly meeting on Friday, March 5, 1971, at The Ohio State University, Columbus, Ohio, pursuant to ad-
journment.


Minutes of the last meeting were approved.
March 5, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 13.0105, 13.0302, 26.01, 27.09, 37.1301, and Deletion of Rule 27.11 of Rules for the University Faculty

On February 9, 1971, the Faculty Council approved the following revisions in the Rules for the University Faculty:

1. That Rules 13.0105, 13.0302, and 26.01 which pertain to the organization of the Colleges of the Arts and Sciences be revised to provide for the change in administrative structure from Dean for Undergraduate Programs for the College of Arts and Sciences to Vice Provost for Arts and Sciences. These rules also provide for changing the number of Colleges in the Arts and Sciences from six to five since University College operates as a separate unit.

2. That Rule 27.09 be modified to define the committee structure of the Graduate Council.

3. That Rule 27.11 be deleted since provisions of the present rule are incorporated in Rule 27.09.

4. That Rule 37.1301 be modified to permit proficiency credit in foreign language courses to be used toward credit for graduation.

President Fawcett recommended that the foregoing revisions in Rules for the University Faculty as shown in Appendix VI, page 363, be approved.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the Rules for the University Faculty.

B. Doctor of Arts Program in Russian Language and Literature

At the September 10, 1970, meeting of the Board of Trustees the Doctor of Arts degree was authorized in concept. Now the Graduate Council and the Council on Academic Affairs are recommending the first program for this degree, a Doctor of Arts in Russian Language and Literature. This program is designed to prepare college teachers in Russian Language and Literature rather than research scholars for whom the Ph. D. degree is available.
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. McCorm Campbell Hall’ in memory of Dr. Eugene F. McCorm Campbell.

The late Dr. Eugene F. McCorm Campbell 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.
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 8, 1970 and December 4, 1970, relating to the University Hall Project be rescinded and

2. That the Board thereby reinstates and reaffirms its earlier action of June 13, 1968, to wit:

   WHEREAS, continuing studies by professionally qualified persons reveal serious doubt regarding the structural safety of the entire University Hall building,

   BE IT RESOLVED that action be taken by University administrative officials to

   (1) implement at the earliest possible date the abandonment of University Hall as authorized by this Board of Trustees in action taken on May 9, 1968;
March 5, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

   F. The University Hall Project (continued)

      (2) execute the demolition of the building following its evacuation; and

      (3) proceed with the development of plans and specifications for funding and constructing a building which will replace the critically needed academic space for the several basic education departments now housed in University Hall at the earliest possible moment.

and

3. That the project architect, C. Curtiss Inscho and Associates, be authorized to proceed with the design of these structures and be reimbursed at the standard rate for work done to date.

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

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 3, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Leaves of Absence With Salary and Leaves of Absence Without Salary:

A. Appointments

   Franklin P. Kilpatrick, Dean of the College of Social and Behavioral Sciences, effective August 1, 1971, at a salary of $32,688.00 per annum. He will hold an appointment as Professor in the Department of Psychology.

   Frank W. Hale, Jr., Associate Dean in the Graduate School, effective June 1, 1971, at a salary of $26,208.00 per annum. He will hold an academic appointment as Professor in the Department of Speech.

   Edward C. Melby, Jr., Associate Dean in the College of Veterinary Medicine, effective April 1, 1971, at a salary of $33,888.00 per annum. Dr. Melby will hold an appointment as Professor in the Department of Veterinary Clinical Sciences.

   Edward C. McDonagh, Professor in and Chairman of the Department of Sociology, effective October 1, 1971, at a salary of $26,880.00 per annum.
March 5, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

In addition to the foregoing recommendations, the President presented the following change in assignment:

Robert L. Wall assumed the duties of Assistant Dean and Secretary of the College of Medicine (part time - 75 per cent), effective February 1, 1971. He will continue to hold his appointment as Professor (part time - 25 per cent) in the Department of Medicine. His combined salary will be $28,488.00 per annum.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Joe D. Pittman, Instructor (Area Supervisor, McConnelsville Area Center), effective April 1, 1971 through May 31, 1971, to participate in a program of professional improvement at The Ohio State University.

George W. Sherer, Instructor (County Extension Agent, Agriculture) Morgan County, effective April 1, 1971 through June 15, 1971, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Raphael D. Levine, Professor (Battelle Professor of Theoretical Chemistry), Department of Chemistry, effective February 14, 1971 through March 31, 1971, to serve as a Visiting Professor at the Hebrew University in Jerusalem.

Sherman P. Touchburn, Professor, Department of Poultry Science, effective March 14, 1971 through June 30, 1971, for postdoctoral study.

Mary R. Guilbert, Instructor, Department of Physical Medicine, effective March 8, 1971 through April 19, 1971, for personal reasons.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
March 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
January 9, 1971 - February 19, 1971

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
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<tbody>
<tr>
<td>Government Research - Federal</td>
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<td>Industrial and Other Research</td>
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<td>Industrial and Other Research</td>
<td>8</td>
</tr>
<tr>
<td>Totals</td>
<td>54</td>
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</tbody>
</table>

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


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, Massa-
      chusetts, 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 Engi-
      neering).
      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, Aero-
      nautical Systems Division, Wright Patterson Air Force Base,
      Ohio, Program to Apply the Gas Diagnostics in the AFDLI
      (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.

      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
      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, Aero-
      nautical 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.
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
      Gross Value - $22,855.00.

      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 Engi-
      neering).
      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 Adminis-
      trative 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 Engi-
      neering).
      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.


   TOTAL - Industrial and Other Research Contracts $21,000.00


   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.


   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 - Depart-
      ment 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, Hypcholesterolemic 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 Astro-
      nautical 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 - Depart-
      ment 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.
      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
      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)

      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.

      Gross Value - $19,000.00.

      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)

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.

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

<table>
<thead>
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<th>No. of Projects</th>
<th>Gross Value</th>
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<td>Industrial Research Contracts</td>
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<tr>
<td>Totals</td>
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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.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

1. Government Research Contract


2. Industrial Research Contracts

   EES 359X Ext. #2  A Theoretical Investigation of the Time Behavior of Ions in Flowing Natural Gas Mixtures, Columbia Gas System Service Corporation, Columbus, Ohio. Gross Value - $10,000.00.


   TOTAL - Industrial Research Contracts $15,203.00

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 3, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

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. $8,382.67 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 WIEMAN 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:

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>680</td>
<td>$32,014.17</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>66</td>
<td>5,590.95</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>16</td>
<td>66,812.40</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>31</td>
<td>70,839.27</td>
</tr>
<tr>
<td></td>
<td>793</td>
<td>$175,256.79</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,334,350.00</td>
<td>$2,380,837.59</td>
<td>$46,487.59</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$165,847.00</td>
<td>$174,242.52</td>
<td>$8,395.52</td>
</tr>
</tbody>
</table>

This job required the construction of an addition to Starling-Loving Hall. An underground masonry wall, a concrete sub-base and other similar items discovered during the construction process required change orders.

Funds for this project have been transferred from Budget Account 960200 (Hospital Rotary) to Budget Account 801196 (Expanded Computer Facilities for the College of Medicine).

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

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

A. McCracken Power Plant - 13 KV Distribution System Extension

This project provides for basic electrical utility capacity and connection to feed electrical systems in the Main Library and also will provide capability of serving future expansion in this general area.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.
VI. PLANS AND SPECIFICATIONS (continued)

B. McCracken Power Plant - Coal Bunker Removal

This project consists of the removal of one or more sections of the overhead coal bunker including the hyperbolic concrete sides and the steel ends up to the supporting girders.

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

C. Sisson Hall, Air Condition Animal Rooms 133 and 141

This project provides air conditioning and temperature control for Rooms 133 and 141 to comply with Federal standards for animal facilities.

Funds for this project have been transferred from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

D. Ramseyer Hall - Renovation and Air Conditioning

This project is a continuation of an earlier renovation project to convert the building from an elementary and secondary school to other College of Education uses.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801140 (Renovation of Ramseyer Hall).

E. Agricultural Technical Institute - Wooster

This project is for the first building of a new center for technical education in agriculture.

Funds for this project have been provided from Item 315-010 (Ohio Board of Regents Architectural Planning) and Item 366-001 (Agricultural Technical Institute, Ohio State University, Wooster), H. B. 531.

F. Ambulatory Patient Teaching Facility

This project will house all of the outpatient care programs of the College of Medicine and is basically the teaching and research laboratory of all patient medicine for undergraduate, post-M. D., nursing, and allied medical professional students.

Funds for this project have been provided from Item 315-016 (Medical Complex, Phase III) and a Public Health Service Federal Grant.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.
March 5, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

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

A. Orton Hall - Exterior Restoration and Waterproofing

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$28,778.00</td>
<td>$61,000.00</td>
</tr>
</tbody>
</table>

General Contract
(7 bids received 2-9-71)
General Masonry Contractors, Inc.
(Marion, Ohio)

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

B. Medical Center Area - 13 KV Electric Service

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$57,347.00</td>
<td>$88,000.00</td>
</tr>
</tbody>
</table>

Electrical Contract
(6 bids received 2-17-71)
Jess Howard Electric Company
(Columbus)

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

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

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

29 Approves the transfer of $5,980,543.30 from Item 315-073 (University Hall), H. B. 531, to a new Item 315-078 (University Hall Complex), H. B. 531, and the release of $230,543.00 to provide planning funds for this project.

30 Approves the award of the Mechanical Contract on the project "Air Condition Main Library" to the low bidder notwithstanding the fact that it is over the estimate of cost and the release of $531,000.00 from Item 315-074 (Utilities and Renovation), H. B. 531, to provide funds for the project.
March 5, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Electric Line Easement, South Bass Island - Ohio Edison Company

WHEREAS, the Ohio Edison Company requires additional electric facilities to serve the residents of South Bass Island; and

WHEREAS, the location of the underground cable requires a right-of-way through lands owned by the Board of Trustees of The Ohio State University; and

WHEREAS, the right-of-way through a portion of the former United States Coast Guard Light Station property will permit the Ohio Edison Company to construct a landing and install a new underground cable which will improve the reliability of service and permit the installation of a three-phase facility;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to request the Ohio Edison Company to prepare the necessary legal instruments to provide for the easement and to sign said easement on behalf of the Board of Trustees of The Ohio State University.

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

B. Kenny Road Widening - Agreement Between The Ohio State University and the Franklin County Board of County Commissioners

WHEREAS, the Franklin County Board of County Commissioners has requested permission to widen and improve part of Kenny Road known as Section "A" Part, County Road Number 57; and

WHEREAS, the construction of a part of the Kenny Road widening project is on The Ohio State University campus; and

WHEREAS, the Franklin County Board of County Commissioners and The Ohio State University recognizes the need to improve traffic flow along Kenny Road; and

WHEREAS, State land involving 4.271 acres will permit the Franklin County Board of County Commissioners to widen and improve Kenny Road from Station 54 + 34.22, approximately 30 feet north of the center line of Lane Avenue to Station 98 + 47.85 located approximately 160 feet south of the center line of Ackerman Road; and

WHEREAS, the County has agreed to reimburse the University for damages in the amount of $8,470.00;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to act on behalf of the University to enter into an agreement between the Franklin County Board of County Commissioners and The Ohio State University to permit entry on said land.
March 5, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Kenny Road Widening - Agreement Between The Ohio State University and the Franklin County Board of County Commissioners (continued)

to commence necessary improvements and to develop the necessary easements and legal instruments to provide for the conveyance of the land and other considerations necessary for the improvement to Kenny Road.

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

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Harold B. Alberty, Professor Emeritus in the College of Education - Academic Faculty Curriculum and Foundations; Jesse L. Amsbaugh, Associate Professor Emeritus in the Cooperative Extension Service; Daisy Davis, Associate Professor Emeritus in the School of Home Economics; Charles R. McClave, Clinical Professor in the Department of Pediatrics; Robert Bradford Miner, Professor in the College of Administrative Science - Academic Faculty of Marketing; and Chauncey E. Wilson, Assistant Professor Emeritus (Visual Aids Specialist) in the College of Agriculture and Home Economics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Harold B. Alberty

The Board of Trustees expresses its sorrow at the death on February 2, 1971, of Harold B. Alberty, Professor Emeritus in the College of Education - Academic Faculty Curriculum and Foundations.

Professor Alberty was born October 6, 1890, in Lockport, New York. He received his Ph.B. in 1912 from Baldwin University and the L.L. 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 1948 and served
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 (1985). 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.

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)

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
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
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)
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)

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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)

ea. 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 Uni-
versity 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)

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)

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.

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27.11. Executive Committee.

Delete this rule (provisions of 27.11 are incorporated in Rule 27.09).

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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
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 1950, 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 Benilco, 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 Freuhauf 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 conferment 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.
E VER R T D. R E E S E

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.

B A R B A R A WALT E R S

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.
Doctor of Philosophy

One hundred and thirteen candidates

William Philip Anthony Sylvania
B.A. (Ohio University); M.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 Assawamatiyanont 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.Ed. (Concord College); M.S.
Dissertation: Field 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 Bobb 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 Ubrig 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 (19)
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

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
Field of Specialization: Dairy Technology

Leon I. Cherney Rochester, N. Y.
A.B. (Brown University); M.S.
Dissertation: Rearrangements of Cyclopropyl and Related Carbene
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 D2-Methylbutylthallium
Field of Specialization: Chemistry

Robert King Clark Bowling Green
B.A. (University of Wyoming); M.A. (University of Tennessee)
Dissertation: MISTEROGER'S NEIGHBORHOOD: An Historical and Descriptive Analysis
Field of Specialization: Speech

Chris 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 Nulley, 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

Dino 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

Abdul Mohammed El-Zoobi Damascus, Syria
B.Agr. (Ain Shams University); M.Agr. Extension (University of Georgia)
Field of Specialization: Agricultural Education

Jean Franklin Emmons Columbus
M.B.A. (University of Chicago)
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 Fouss 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); M.Ed. (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: Morfología, Aspectos dialectales y Vocabulario de la Plana de Utrera Mayor
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

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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. (Gulford 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 He-He Mixture  
Field of Specialization: Physics

Ram Krishan Paul Gupta    Hisar, 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 1918-1925  
Field of Specialization: History

Terrence Charles Holton    Hodgkins, Ill.  
B.S. (University of Illinois); M.S.  
Dissertation: The Synthesis of Diazocompounds 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 Red-winged Blackbird (Agelius phoenicus phoenicus)  
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)  
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.  
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 LeMoyne McConkey  Columbus  
B.S. (Case Western Reserve 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.  
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

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 (1902-1963)
Field of Specialization: Education

Nelson Pole, Cleveland
Ph.B. (Wayne State University)
Dissertation: The Meaning of Terms Employed in Scientific Languages and the Problem of Induction
Field of Specialization: Philosophy

Anastasios Poutakoglou, Ashland
B.S. in Edu., M.A.
Dissertation: A Comparative Study of the Verbal Communications of Psychotherapists and of Psychotherapy Clients during the Initial Period of Psychotherapy
Field of Specialization: Psychology

Milton John Profant, Massillon
B.S.M.E. (Case Western Reserve University); M.S. (M.E.) (University of Illinois)
Dissertation: An Experimental Investigation to Evaluate the Effectiveness of Surface Grooves as an Agent to Increase the Fretting-Fatigue Life at Titanium-Titanium Joints
Field of Specialization: Mechanical Engineering

Lakhpat Rai Pujara, Model Town, Delhi, India
B.A., M.A. (University of Delhi); M.S.
Dissertation: L : 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

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.
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
<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barbara Swanson Thomson</td>
<td>Columbus</td>
<td>Education</td>
</tr>
<tr>
<td>B.S. (Michigan State University); M.A.</td>
<td>Dissertation: Utilization of Computer Simulated Experiments (CSE) for Diagnostic Purposes</td>
<td></td>
</tr>
<tr>
<td>Gloria Dean Toliver</td>
<td>San Jose, Calif.</td>
<td>Education</td>
</tr>
<tr>
<td>B.A. (Southern University); M.A.</td>
<td>Dissertation: The Measurement of Language Abilities of Black Children from Low Socio-Economic Environments</td>
<td></td>
</tr>
<tr>
<td>Matias Felix Travieso-Diaz</td>
<td>Miami, Fla.</td>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>B.S.E.E., M.S. (University of Miami)</td>
<td>Dissertation: Wire-Grid Reaction Solution of Electromagnetic Scattering and Radiation Problems</td>
<td></td>
</tr>
<tr>
<td>Kenton Eugene Travis</td>
<td>Delta</td>
<td>Chemistry</td>
</tr>
<tr>
<td>B.S., M.A. (Bowling Green State University)</td>
<td>Dissertation: Metal Ion Complexes Derived from Cyclic Tetradentate and Octadentate Ligands Having Thioether Donors</td>
<td></td>
</tr>
<tr>
<td>Robert Douglas Vance</td>
<td>Raymond, Alberta, Canada</td>
<td>Animal Science</td>
</tr>
<tr>
<td>B.S. (Brigham Young University); M.S.</td>
<td>Dissertation: Utilization of Whole and Crimped Corn Grain with Varying Proportions of Corn Silage for Growing, Finishing Cattle</td>
<td></td>
</tr>
<tr>
<td>George Charles Van Dyne</td>
<td>Toledo</td>
<td>Psychology</td>
</tr>
<tr>
<td>B.A. (Denison University); M.A. (DePaul University)</td>
<td>Dissertation: Response Independent Positive Conditioned Suppression</td>
<td></td>
</tr>
<tr>
<td>Hal Huntington Wyss</td>
<td>Delaware</td>
<td>English</td>
</tr>
<tr>
<td>B.A. (Wesleyan University, Connecticut); M.A.</td>
<td>Dissertation: Involuntary Evil in the Fiction of Brown, Cooper, Poe, Hawthorne, and Melville</td>
<td></td>
</tr>
<tr>
<td>Jerry Lee Yeric</td>
<td>Columbus</td>
<td>Political Science</td>
</tr>
<tr>
<td>B.A. (Western Michigan University); M.A.</td>
<td>Dissertation: The Effectiveness of a Correspondence Course for New 4-H Leaders</td>
<td></td>
</tr>
<tr>
<td>Richard Ernest Young</td>
<td>Columbus</td>
<td>Agricultural Education</td>
</tr>
<tr>
<td>B.S. in Agr., M.S.</td>
<td>Dissertation: Changes in Understanding of the Nature of Science and in Critical Thinking Resulting from Two Different Physical Science Courses</td>
<td></td>
</tr>
<tr>
<td>Sara Clyde West</td>
<td>Miami, Fla.</td>
<td>Education</td>
</tr>
<tr>
<td>B.A. (University of Florida); M.Ed. (University of Miami)</td>
<td>Dissertation: Antecedents of Academic Motivation: A Descriptive Study of University Professors</td>
<td></td>
</tr>
<tr>
<td>William John Whitmore</td>
<td>Detroit, Mich.</td>
<td>Business Administration</td>
</tr>
</tbody>
</table>

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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

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

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
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 Deather, 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. Paron, 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 Fioceilla, 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

Michio Funaki
Kumamoto City, Japan
B.A. (Kumamoto University)
Field of Specialization: Linguistics

James Francis Gallagher, Columbus
B.A. (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 Guttmann, Columbus
B.S. in Edu.
Field of Specialization: Education
Francis Arthur Gudlewicz, Columbus
B.S.Ed. (Millsburg State College, Pennsylvania); M.A.
Field of Specialization: History of Art

Linda Winkelhaus Hadley, Columbus
A.B. (University of Michigan)
Field of Specialization: Sociology

B.A. (Mount Mercy College, Pennsylvania)
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 Hauster, Columbus
B.S. (Muskingum College)
Field of Specialization: Education

Marjorie Fulton Hayes, Defiance
B.A. (DePauw College)
Field of Specialization: History of Art

Judith Zimmerman Heiber, Columbus
B.S. in Edu.
Field of Specialization: Education

Oufrita 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, McKeensport, 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 Klinkskis, 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 Gracey 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 Liptez, 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 Edu. (Bowling Green State University)
Field of Specialization: Education

John Murdo Melver, Wellesley, England
B.A. Honors (University of New Castle)
Field of Specialization: Geography

Sheila Drew McKenzie, Columbus
B.F.A. (Ohio Wesleyan University)
Field of Specialization: History of Art

Rosemary Metzler, Lakewood
B.S. in Edu. (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 Oliszewski, 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
R.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

Boni Lynn Richey, 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, Michigan
B.A. (Iona College)
Field of Specialization: Romance Languages

Shirley Ann Scrithfield, Osceola, 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 Stanton, 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 Sultanii, 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 Denney 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

B.A. (La Salle College)
Field of Specialization: German

Charles Lord Vedder, Columbus
B.S. in Edu.
Field of Specialization: Romance Languages

Terry Kenneth Webber, Columbus
A.B. (Ohio University)
Field 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 Whiman, 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, Farm 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 Aceosta, Columbus
B.B.E.
Field of Specialization: Business Administration

382
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 Gels, 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 Hamбор, 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, Hilleboro
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

B.S. in Arch. (Idaho State University)
Field of Specialization: Business Administration

Pierre Joseph van Pottelsberge 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 Abirshaman, 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
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution/University</th>
<th>Field of Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Judith Brady Barger</td>
<td>Petersburg</td>
<td>Economics</td>
</tr>
<tr>
<td>Thomas Jean Benson</td>
<td>Cleveland</td>
<td>Aeronautical and Astronautical Engineering</td>
</tr>
<tr>
<td>James William Bentz</td>
<td>Columbus</td>
<td>Chemistry Engineering</td>
</tr>
<tr>
<td>Michael James Bernard</td>
<td>South Euclid</td>
<td>Dentistry</td>
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<tr>
<td>Bence David Booskevy</td>
<td>Wheeling, Pa.</td>
<td>Physiology</td>
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<tr>
<td>Samuel Joseph Bowden</td>
<td>Oklahoma State University</td>
<td>Industrial Engineering</td>
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<tr>
<td>Douglas Lyle Box</td>
<td>Grand Rapids</td>
<td>Agricultural Economics</td>
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<tr>
<td>Richard Keith Brundage</td>
<td>Toledo</td>
<td>Astronomy</td>
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<tr>
<td>Milagros Dacanay Carbonell</td>
<td>Quezon City, Philippines</td>
<td>Astronomy</td>
</tr>
<tr>
<td>Paul Sui-Yuen Chan</td>
<td>Hong Kong</td>
<td>Agronomy</td>
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<tr>
<td>Che-Wei Wayne Chang</td>
<td>Taipei, Taiwan</td>
<td>Computer and Information Science</td>
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<tr>
<td>Craig McClain Cheetham</td>
<td>Columbus</td>
<td>Electrical Engineering</td>
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<tr>
<td>Anthony H. K. Chen</td>
<td>San Francisco, Calif.</td>
<td>Chemical Engineering</td>
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<tr>
<td>Hyun Sam Cho, Seoul, Korea</td>
<td>Hanyang University</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>James Kwei-Tung Chow</td>
<td>Setauket, N. Y.</td>
<td>Anatomy</td>
</tr>
<tr>
<td>Thomas Barrett Cole, Jr.</td>
<td>Columbus</td>
<td>Pathology</td>
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<tr>
<td>Douglas Sherwood Corner</td>
<td>Westerville</td>
<td>Agronomy</td>
</tr>
<tr>
<td>Russell Vance Cox</td>
<td>Humboldt, Tenn.</td>
<td>Astronautical and Engineering</td>
</tr>
<tr>
<td>Donald Erwin Crawford</td>
<td>Great Falls, Mont.</td>
<td>Pathology</td>
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<tr>
<td>John Briggs Curtis</td>
<td>Hopkinsville, Ky.</td>
<td>Statistics</td>
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<tr>
<td>Donald Paul D'Amato</td>
<td>Waukegan, Ill.</td>
<td>Physics</td>
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<tr>
<td>Irvin Myron Davis</td>
<td>Silver Spring, Md.</td>
<td>Dentistry</td>
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<tr>
<td>Richard Gordon DeWeese</td>
<td>Cincinnati</td>
<td>Zoology</td>
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<tr>
<td>Albert Myron Dickerson</td>
<td>Columbus</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Lawrence Thomas Driscoll</td>
<td>Rochester, N. Y.</td>
<td>Physics</td>
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<tr>
<td>Mary Jeanne Smith Eichhorn</td>
<td>Columbus</td>
<td>Metallurgical Engineering</td>
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<tr>
<td>James Esposito, New Albany</td>
<td>Paterson State College</td>
<td>Natural Resources</td>
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<tr>
<td>Charles Thomas Evans</td>
<td>Defiance</td>
<td>Dentistry</td>
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<tr>
<td>Mohammad Taghi Fatehi</td>
<td>Tehran, Iran</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Brian Richard Gardner</td>
<td>Dayton</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Robert Spenceer Carmine</td>
<td>Ithaca, N. Y.</td>
<td>Computer and Information Science</td>
</tr>
<tr>
<td>James Francis Gavlas</td>
<td>Martinsburg, W. Va.</td>
<td>Chemistry</td>
</tr>
</tbody>
</table>

1 Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
2 Also Bachelor of Mechanical Engineering, College of Engineering

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Randall Michael German, Columbus
B.S. (San Jose State College)
Field of Specialization: Metallurgical Engineering

Steven Cameron Goddard, Columbus
B.S. (Ohio University)
Field of Specialization: Mechanical Engineering

Catherine Marie Gradel, Toledo
B.A. (Our Lady of Cincinnati College)
Field of Specialization: Animal Science

Bernadette Wasko Gunsoerek, 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 Hersherberger, Wilmot
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

George Edward Hull, Greenfield
Field of Specialization: Horticulture

Stephen Joseph Hurst, Columbus
B.S.
Field of Specialization: Botany

Kamran Jafari, Tehran, Iran
Field of Specialization: Civil Engineering

Joann Creccius 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

Georgios Costas Kathidiotis, Marysville
B.S. (Youngstown State University)
Field of Specialization: Horticulture

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 Klingsmith, Leavittsburg
B.Ch.E.
Field of Specialization: Chemical Engineering

Kathryn Alice Kluss, Mogadore
B.S. in Nurs.
Field of Specialization: Nursing

Fred Jay Kriog, 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, Surabaja, 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

1 Also Bachelor of Mechanical Engineering, College of Engineering
2 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


John Walter Napier, Dayton  B.E.E.  Field of Specialization: Electrical Engineering

John Watson Neth, Ill., Milligan College, Tenn.  B.S. (Milligan College)  Field of Specialization: Zoology

1 Douglas J. Niemeyer, Sidney  Field of Specialization: Mechanical Engineering

John Frederick Norris, Columbus  B.E.E.  Field of Specialization: Electrical Engineering

Victor Kenneth Osterling, Jr., Columbus  B.S. in Phar.  Field of Specialization: Pharmacy

2 Alan Pedro Ortinondo, 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, Barackpore, 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.C.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

Shraddha Chandrakant Trivedi, Bombay, India  B.A., M.A. (University of Bombay)  Field of Specialization: Mathematics

David Harrison Tullis, Columbus  B.S. (Ashland College); M.D.  Field of Specialization: Obstetrics and Gynecology

David Philip Turtle, Bala-Cynwyd, Pa.  B.S. in Ch.E. (Bucknell University)  Field of Specialization: Chemical Engineering

Charles Allyn Uniacke, Canton  B.S.  Field of Specialization: Physiological Optics

Arnold Evald Vlieks, Thomaston, Conn.  B.S. (Rensselaer Polytechnic Institute)  Field of Specialization: Physics

Wolf-Werner VonMaltzahn, Kiel, Germany  Field of Specialization: Electrical Engineering

1 Also Bachelor of Mechanical Engineering, College of Engineering
2 Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
3 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

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 Harris 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,
Mountaindale, 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

Mellesse Wondemagegnehu,
Addis Ababa, Ethiopia
B.Sc. (Halle 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

1 Also Bachelor of Civil Engineering, College of Engineering
The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts
Dean: Lee Rigsby

Bachelor of Arts
Five candidates
Phoebe Mae Allen, Barberville
David Ross Gunn, Riverton, N. J.
Beverly Anne Orr, Paulding
Candace Lynn Tracey, Milwaukee, Wis.
Gordon Mark Wade, 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
1Richard Henry Grinstead, II, Columbus
Patricia Ann Herman, Columbus
Linda Carol Hoeflinger, 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, Wellesville
Karen Randal McDonald,
Christiansted, St. Croix, Virgin Is.
Robert Allan Mihaly, Parma
Marilynn Mae Osborne, Poland
Rosella Park, Urbana
Maureen Radeliffe, 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

College of Biological Sciences
Dean: Richard Bohning

Bachelor of Arts
Three candidates
Gary Alan Colner, South Euclid
Ralph Johnson Thompson, Jr., Carrollton
Douglas Albert Wenner, 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

College of Humanities
Dean: Arthur Adams

Bachelor of Arts
Sixty-three candidates
Jack W. Abel, Cleveland
Kenneth Minoru Agena, Kailua, Oahu, Hawaii

1 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 Bradus Burkhalter, Westerville
Stephen John Chesko, Cleveland
James Joseph Chrisman, Columbus
Madalyin Dick Dowman, Toledo
Elton Richard Edwards, Lorain
Douglas Allen Ellis, Mansfield
Kathryn Kaye Evans, Washington Court House
Steven Eugene Fekete, Columbus
Phyllis Furth, Long Beach, N. Y.
Carol Ann Gilbert, Worthington
Jeffery Wayne Girard, Magnolia
Gary Kim Graeff, Carol
Jeffery Wayne Girard, Magnolia
Gary Kim Graeff, Carol
Rickey John Greene, Blacklick
Eldon Richard Edwards, Lorain
Madalyn Birk, Columbus
Robert Broadus Burkhalter, Columbus
Paul Allen Bergman, Beachwood
Villiam Lincoln
Nancy Lorig Brown, Middletown
Richard John Kuhn, Tampa, Fla.
Rebecca Henry Jahn, Columbus
Burgess Lee Howevar, 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 Karanfilian, 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 Deemel 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'Neill, Marietta
Stephen Louis Polis, Columbus
Teresaemichael Pollick, Columbus
Linda Lou Puckett, Kettering
Susan Barbara Quinby, Whitehall
David Scott Riehl, Columbus
Cynthia Placidi Rohrs, Hillsville
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, Painesville, 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 Barta, Cleveland Heights
Michael George Barry, Columbus
George Edward Becker, Lima
Mary Logan Chittenden, Columbus
James Timothy Cogle, North Canton
Thomas Leon Crunkilton, Marysville
Jenkins K. Dorbor, Voinjama, Liberia
Gary William Felton, Pickerington
William Douglas Figula, Lorain
Michael Atwood Hufpenberger, Wilmington
David Michael Jameson, Cleveland
Drew Raymond Killian, Youngstown
Robert Edward Lundgren, Columbus
Michael John Lynch, Cambridge
Luan Rae MacCallum, Columbus
Dennis Thomas Marshall, Seville
Michael Lee Miller, Harrisburg
William James Scholl, Coshocton
James Walter Sellers, 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, Peeria, Ill.
Jeffrey Lewis Berk, Columbus
Nikolaus Beareuckzo, Fayette
Brent Tress Blackshaw, Columbus
Arthur Lee Blumick, Cleveland Heights
Robert Elwood Bragg, Jr., Galloway
Carl Michael Brown, Marion
Robert John Brown, Point Pleasant, N. J.
Steven Ray Brownstein, Columbus
Terry Dennis Buerger, Kenton
Thomas Franklin Calhoun, II, Hilliard
Ronald Mark Cappelletti, Mayfield Heights
Russell Luther Carter, Jr., Dayton
Lisaabeth 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

1 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 Eldridge, 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, Ironont  
Robert Jo French, Columbus  
Kenneth Jay Friscoe, Columbus  
Carl Byron Fry, Columbus  
Evelyn Jeanette Funk, Marietta  
Robert András Gabor, Columbus  
Kenneth Jay Friscoe, Columbus  
Roberta Jo French, Columbus  
Dale Arlene Judy Levis, Brooklyn  
Alan Roderick Garges, Columbus  
Nancy Leigh Martin, Cleveland Heights  
Jo Annelle Killian, Cuyahoga Falls  
Donald LaJack Hinke, Columbus  
Robert Andras Gabor, Columbus  
Carol Seraphina Gee, New York, N. Y.  
David Roderick Glenn, Cleveland  
Frank Stephen Gogul, Jefferson  
LaQuita Othenia Henry, Dayton  
Marcia Laird Hershey, Columbus  
David Mark Heuer, Euclid  
Dona LaJack Hinke, Columbus  
Steven Harold Horwitz, Cincinnati  
James Michael Huber, Columbus  
Kenneth Louis Jackson, Columbus  
John Brenton Kackley, Columbus  
Stephen Richard Ralette, 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 LeMoynie, Middletown  
Douglas Stuart LeVasseur, Columbus  
B.S.  
Arlene Judy Lewis, Brooklyn  
Madelon Rhoda Levy, Hamilton  
Kao Pin Lew, Fairlawn, N. J.  
Timothy Richard Linkhorn, Columbus  
Gary Alan Loke, Wallingford, Conn.  
Jean Cox Loz, 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 Monson, Columbus  
Shelley Susan Moreff, Massapequa, N. Y.  
Barbara Jean Nelson, Mayfield Heights  
Fred Eugene Newman, Richwood  
Effie Jane Nicholas, Cambridge  
Benjamin Franklin Parks, New Castle, Del.  
Richard Charles Pitcher, Warrensville Heights  
Norma Jean Phaly, 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 Seitzes, Delaware  
Pamela Kay Scott, Cincinnati  
Ronald Shambrom, 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  
Thomas Walter Taylor, Columbus  
William Andrew Tomko, Columbus  
Marvin Gerald Tosey, 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  
Robert Franklin Wall, Columbus  
Rosie 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 Lee Jones, St. Marys  
Inese Neiders Kreinbring, Westerville  
Comer LaRue, Galion  
George Duncan Macdonald, Evanson, 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

1 Also Bachelor of Science in Education, College of Education
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 Billet, Columbus
Thomas Joseph Blaby, Jr., Lagrange
Charlotte Ann Bomar, St. Clairsville
Henry Borisenko, North Olmsted
Donald Bowers, Hudson
James Melvin Buskirk, Gallion
Arthur Charles Cavazzi, Eastchester, N. Y.
Gene Arthur Christie, Kenton
Maurice Joseph Condon, Fairview Park
Richard Stephen Cook, Williamsport
Robert Maxwell Cordi, 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 Eisnaugle, III, Gallipolis

Lon Charles Elliott, H. Cincinnati
Richard Lee Emerson, Coshocton
William Francis Federer, Columbus
Charles Westley Francis, 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 Issacs, Hamilton
David Emlyn Jones, Youngstown
Samuel Kornhendler Kaye, South Euclid
South Euclid
David Herman Kessler, University Heights
Young Shik Kim, Seoul, Korea
Kent Norman Kircxbaum, East Liverpool
Susan Uneker Knox, Minerva
Raymond Edward Kollander, Endicott, N. Y.
Sara Jane Korn, Zanesville
Joseph William Kraft, Newark
Richard Anthony Kruzer, Cleveland
Rene Sharleen Kulow, Columbus
Dwayne Eugene Leininger, Archbold
Thomas Jay Lewis, Hilliard
Richard Alan Luber, Adena
Charles Lawrence Mahaffee, Canton
Lyn Patrick McAd jle, Columbus
Lester Howard McGrath, Columbus
Joachim Anthony Miceli, Columbus
Ray Irwin Michel, Youngstown
Duncan Holliday Miller, Mentor
Charles Lewis Mitchell, Ridgeway
Larry Linton Mizell, Gallion
Steven Francis Monahan, Columbus
Brian Martin Murray, Sandusky
Richard Leroy Naughton, Painesville
William Darrell Neeley, Mogadore
James Terence Nicholson, Barberton
Hayden Scott Noble, Gallion
Frederick Raymond Nutini, Columbus
Jack Richard Oller, Bay Village
Eddie Lee Perry, Cleveland
Lawrence Edward Petrasek, Akron
Charles Wesley Plum, Kettering
Norman John Phelps, Westerville
Charles Manning Pinkston, Hudson
Michael John Plavec, 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 Mario 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 Seltz, Galion
Thomas Herbert Sibert, Columbus

Michael William Spicer, Columbus
Ronald Alan Tomczyk, 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 Bemendorf, Columbus
Barbara Jean Bonifas, Columbus
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 Ausmick, Wallkill, N. Y.
Bruce Clayton Bachtel, Columbus
Richard John Bare, Castalia
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 Brewer, 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, Pembroville
James Albert Garrett, Lebanon
Joachim Vincent Gols, Akron
Jay Walter Gooch, Couderasport, Pa.
David Kenneth Goodwin, Blanchester
David Holbrook Harris, Cleveland Heights
Paul Eugene Houdashelt, Plain City
1 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 Neil 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 Krzanski, Streetsboro
Jacqueline Ellenor LaMuth, Painesville
Cheryl Ann Lusk, Columbus
Catherine McCloukey Penrod, Columbus
Sandra Lynn Pochedly, Mantua
Betty Cox Potts, Columbus
Mary Bussert Preammel, Harrisburg
Janet Deeds Reese, Rawson
Deborah Louise Rowe, Columbus
Trudy Ann Schiller, Shadyside
Eileen Skibball, Sandusky
Jean Keppy Spero, Columbus
Paula Jo Strang, Gahanna
Patricia Ann Sturtevant, Worthington
Jill Virginia Trytek, Parma
Shirley Evan Walters, Columbus
Linda Long Willis, Columbus
Patricia Ann Winters, Columbus
Ann Phillips Wollenzien, Rising Sun

1 Also Master of Science, Graduate School
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 Botche Auckerman, Columbus
Virginia Gieseking Babcock, Ashland
Phyllis Zuchowiak Babich, Cincinnati
Susan Kathleen Ballantine, Columbus
Jennifer Marie Barch, Columbus
Dorothy Boyd Barnes, Columbus, B.A.

Joanne Gail Badger, Columbus
Judith Kay Bennett, New York City
Linda Susan Belfer, Cleveland Heights
Susan Steve Bills, Columbus

Barbara Kay Ballantyne, Columbus
Cheryl Polster Cooper, Columbus
Philip John Costello, Sandusky

Barbara Babich, Cincinnati
Cheryl Call, Columbus
Joanne Grogan, Columbus

Martha Kay Barnard, Columbus
Phyllis, Mansfield

Mary Ellen Barnett, Berea
Dorothy Boyd Barnes, Columbus, B.A.
Phyllis Babich, Cincinnati

Dorothy Althea Barnett, Columbus
Marilyn Jeanette Bender, New Orleans, La.

Mark Christopher Bish, Columbus

Marian Seder Boussou, Columbus
Lynne Dahlborg Braund, Columbus
Cheryl Call Brodie, Columbus
Steve Duane Burger, Columbus

Benetta Ann Burton, Canton
David Ray Busch, Columbus

Randall George Bohmlein, Delphos
David Allen Boor, Shelby

Mariana Soder Bouwens, Columbus
Lyne Dahlborg Braund, Columbus

Carol Belser, Cleveland Heights
Marilyn Jeannette Bender, Prospect
Brian Michael Benko, Cuyahoga Falls
Judith Kay Bennett, New Paris

Celia Sue Benzel, Middletown
Dennis Lynn Billingsley, Columbus
Ronald Lewis Bisch, Columbus

Barbara Sue Bates, Dayton
Carol Melody Bauch, Columbus

David Allen Boor, Shelby

Mariana Soder Bouwens, Columbus

Lyne Dahlborg Braund, Columbus
Cheryl Call Brodie, Columbus
Steve Duane Burger, Columbus

Benetta Ann Burton, Canton
David Ray Busch, Ostrander

Kathleen Marie Bytsura, Seven Hills
Nancy Jo Catena, Columbus
Dwayne Eugene Channell, Seneaville
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

Jonnine Gail Cooper, Columbus
Constance Ann Coutts, Ashtabula
Barbara Kay Currie, Springfield

Eva Pierce Davis, Columbus

Marcy Wickliff Davis, Columbus

Susan Krepp DeBauche, Columbus

Barbara Lydon Debevec, Grove City
Cheryl Kay Decker, Columbus
William Charles Decker, Columbus

Canal Fulton
Katina Catherine Demis, Navarre

Dolores Perry Depoy, Columbus
Cheryl Terri DiBenedetto, Bay Village

Kathleen Dickason, Wellington
Betrandette 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, Hillisboro
Barbara Ingel Emeric, Dayton

Connie Goodhall English, Fairborn
Jeanne Marie English, Jenkintown, Pa.

Deborah Ruth Evans, South Euclid
Kathleen Marilyn Fagan, Columbus
Ellen Reva Faust, Columbus
Donna Louise Fellure, Baltimore

Holly Enid Ferrell, Cleveland Heights
Glen Sam Ferrone, Maple Heights
John William Flickinger, Westerville

Philip Darius Forsythe, Columbus
Margaret Beth Friedman, Oil City, Pa.

Marie Susette Teresa Gallo, Cleveland
Sybil Ann Gano, Martinsville
Leslie Lee Gatton, Vandalia

Mary Lou Gephart, Grove City
Jeffrey Alan Gibbs, Pomeroy

James Ellisworth Gibson, Mansfield
Joy Diane Gilbert, Minford

Sharol Rae Goldberg, Columbus
Helene Grau, Springfield, N. J.

Cheryl Lynn Graves, Fostoria
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 Umtom Harvey, Columbus

Mary Jack Hatter, Chillicothe
Jeffrey Lynn Hawkins, Canton
Andrea Lynn Heinlen, Wauseon

Edwin Stewart Henninger, Belle Center

Diane Valentina Henceroth, Grove City

Saundra Sue Henricks, Bryan

Hilary Ann Henry, Jackson
Lois Hartigan Hilsman, Hilliard
Diane Lee Hoberveur, Lima
Miriam Wilson Holtthouse, Bucyrus

Thomas Michael Holtthouse, Bucyrus

Dennis Eugene Hooper, Findlay
Nancy Ann House, Columbus

Bonnie Claire Howell, Russell's Point

William Everett Hubbell, Pataskala

Louis LaMond Hunt, Jr., Tiffin
Kathryn Corry Huston, Springfield
Joan Elisabeth Husum, Toledo
Barbara Jean Hysell, Worthington

Donald Cletus Iceman, 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 Kaugus, Parma Heights
Dorothy Voytek Kerr, Euclid

Elizbet Holcomb Kerr, Troy
Ralph David Kessler, Newark

Marjorie Lust Kienle, Columbus

John Carl Kies, Wapakoneta

Nedra Seaman Kimmel, Xenia
Kila Sue Kirk, Columbus

Patricia Sapp Kissell, Columbus

Louanne West Knock, Newark

Nora Ann Knowles, Columbus

Catherine Wittmann Kohn, Galloway

Ian Mitchell Krieger, Cleveland

Maureen Beth Kursh, South Euclid

Susan Pritchard Lane, Cleveland

B.A. (Hiram College)

Darryl Charles Lanker, Mt. Gilead

Janice Susan Lave, Parma

Carol Wilson Lawrence, Columbus

Karen Olmstead LeGates, Canton

Linda Uier Lenick, Bucyrus

John Michael Levian, Shelby

Deborah Elizabeth Longino, Cleveland

Janis Williams Lorenzen, Yeadon, Pa.

Jean Cox Lorz, Columbus

Linda Irene Lossie, Andover

Robert Susan Love, Canton

Ellen Wacksman Lovelace, Beavercroft

Oscar Richard Lundy, Columbus

Linda Lou Marburger, Columbus

Martha Ang Mazzoni, Beach City

Mary Rita Maxwell, Marion

Diana Wagner McFadden, Chillicothe

Mary Rowley Miller, Marion

Susan Antoinette Miller, Cleveland

Samuel Edward Moore, Columbus

1 Also Bachelor of Arts, College of the Arts and Sciences
Sandra Gail Moore, Groveport
Patrick 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'Neill, Lexington
Patricia Jo Orban, Tiltonsville
Susan Ann Orzstein, Cleveland
Judith Kay Parker, Bellefontaine
Susan Haas Parch, Akron
Jamie Dee Pellar, Highland Park, Ill.
Gary Wayne Perkins, Xenia
Robert Theodore Peterson, Columbus
Susan Lee Pinnegar, London
Charlene Ann Podosek, 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
Gary Wayne Perkins, Xenia
Robert Theodore Peterson, Columbus
Jo Ann Cheger 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 Kottof Stoeber, Columbus
Curtis William Stoldt, Norwalk
San Mateo, Calif.
Robert Marion Stumpf, Columbus
Catherine Frances Surgenor, Steubenville
Edward Louis Taris, Columbus
Mary Rosanne Taylor, Richwood
Paul Franklin Teichhorster, Columbus
Walter RobertThomas, Columbus
Lola Jean Thornton, Wellington
Anna Jane Thurman, Columbus
Jacquelyn Claire Tilton, Newark
Michael Paul Tracy, Columbus
Shirley Ann Tropick, Lima
Sylvia Maddox Tyus, Worthington
Deborah Rae Wagan, Akron
Linda Katherine Waggner, Columbus
Elsie Lafontaine Wagner, Carey
Nancy Ray Webb, Lancaster
Terry Joseph Weber, Mt. Gilead
Mary Carror Webster, Chagrin Falls
Kenneth Charles Weiss, Cleveland
Deborah Dee Wells, Newark
Earl Marilyn Welsh, Grove City
Geneva Lorine White, Columbus
Jane Hutson White, Ashland
Frederick Graun 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 Schwelling 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 Fisher 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 Lorena Mantle, Columbus
Diane Lynn Muraske, Maple Heights
Sue Ann Reuter, West Jefferson
Jacquelyn Smith, Columbus
Salley Amelie Stos, 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

1 Also Bachelor of Arts, Colleges of the Arts and Sciences
2 Also Bachelor of Fine Arts, Colleges of the Arts and Sciences
Bachelor of Aeronautical and Astronautical Engineering
Two candidates
I Hudson Lee Conley, Jr., North Canton
1 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, Chandleysville
Kenneth Thomas Kamenik, Perrysville
David Mark Kettunen, Andover
John Bruce Pickens, Strongsville

Bachelor of Ceramic Engineering
One candidate
Harold David Prior, Jr., Gahanna

Bachelor of Science in Ceramic Engineering
Two candidates
Dennis John Guea, Columbus
Randy Owen Knapp, Lexington

Bachelor of Chemical Engineering
One candidate
Charles Scott Joublanc, 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
1 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 Done, Lucas
Richard Lloyd Dudley, Columbus
Charles William Frank, Crestline
Martin John Haas, Homerville
James Russell Hofacker, Marion
1 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

Bachelor of Mechanical Engineering
Seven candidates
Damon Nelson Christian, Hinckley
Walter Wayne Eberhard, Grove City
1 James Edwin Evans, Reynoldsburg
1 Steven Cameron Goddard, Columbus
1 Douglass J. Niemeyer, Sidney
Gary Lee Schultz, St. Marys
James Michael Upchurch, Columbus

Bachelor of Industrial Engineering
Three candidates
Ralph Russell Darby, Columbus
Neal Robert Milnor, Columbus
John Charles Westervelt, Westerville

Bachelor of Science in Chemical Engineering
Eleven candidates
Larry Eugene Carter, Ansonia
Stanley Allen Engel, Cleveland
Lowell Harold Feichter, North Lawrence

Also Master of Science, Graduate School
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

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.

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

Bachelor of Science in Engineering Physics
Three candidates
Dean Francis Cornwell, Oberlin
Thomas Edward Fife, Columbus
Edward Peter Skintik, Lakeside Marblehead

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
Sandra Ann Johnston, East Liverpool
Jean Hamilton Joublanc, Cleveland Heights
Karen Kaye Kirby, Prospect
Cheryl Alise Lancaster, Hamilton
Janice Scheufler Lanich, Kirtland
Margaret Lanker Lutz, Columbus
Doreen Cheryl Manula, 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 Wamsler, 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
1 Elaine Lafontaine Wagner, Carey
Juanita Purdy Wilkins, Lima

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
Susan Kathleen Ballantyne, Columbus
Christine Anne Billings, Brecksville
Pamela Black, Chagrin Falls
R. Louise Blair, Columbus
1 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 Leutz Kienle, Columbus
Inese Neiders Kreinbring, Westerville
Rene Sharleen Kudow, Columbus
Carol Ann Lease, Fremont
Diane Duemml 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 Spandler, Hilliard
Joanne Kotoff Stocker, Columbus
Robert Marion Stumpf, Columbus
Donna Orelana Sullivan, Cleveland
Thomas Walter Taylor, Columbus
David Wayne Townsend, Columbus
Christine Yvonne VanConey, Cincinnati

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

1 Bachelor of Science in Education, College of Education (summa cum laude)
2 Bachelor of Arts, Colleges of the Arts and Sciences (cum laude)
3 Bachelor of Science in Education, College of Education (cum laude)
4 Bachelor of Arts, Colleges of the Arts and Sciences (cum laude)
Pursuant to Article 1, 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.

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.
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.
President Fawcett responded as follows:

Well, Mr. Chairman, could I just say that there is not a great deal of literature on this subject as you probably know, and the procedures normally are developed to fit the particular local situation, whatever that may be. There is some literature in this field, and I will explore that literature. There are a number of people on this campus that I would want to consult with before suggesting to you some procedures you might want to modify or to adopt. I will, if it is your desire, since I am still the chief executive officer of this institution be glad to bring together such information as soon as I can and seek such consultation as I can; and I will try to suggest to you some kind of procedure at the earliest possible date. I cannot conduct consultations until about the first week of April. This is finals week and the people are very much involved and then a lot of people are gone between quarters. In early April I will try to address myself to the problem; hopefully, I will have something for you to look at and consider by the middle of April or a little later. Certainly, I would hope that whatever you want me to do I can have ready so that you can consider it at the May meeting of this Board.

Thereupon the meeting adjourned.

Attest:

Edward Q. Moulton
Secretary

John G. Ketterer
Chairman
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.


Minutes of the last regular meeting (March 5, 1971) and the special meeting (March 15, 1971) were approved.
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.
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.
E. Establishment of the Meshulam Riklis Chair in Business and Its Environment

Mr. Meshulam Riklis, B.A. '50, M.B.A. '66, Chairman of the Board, Rapid-American Corporation, New York, New York, has pledged $500,000 to the University, through the Development Fund, for the endowment of the Meshulam Riklis Chair in Business and Its Environment.

President Fawcett recommended that Mr. Riklis' pledge be accepted and that this gift be used to establish this endowed Chair in the College of Administrative Science, pursuant to action of the Board of Trustees approved on January 14, 1965.

Income to support the Chair will come to the Development Fund from The Foundation for Endowment of a Chair at Ohio State University, Inc. The Foundation now holds bonds with a face value of $500,000.

At the request of Mr. Riklis, and upon the recommendation of the Board of Directors of The Ohio State University Development Fund, it is requested that this Board of Trustees confirm Dr. Theodore N. Beckman, a member of the Fund Board, and Dr. Leo D. Stone, Chairman, Academic Faculty of Finance, as two of the three directors of the above mentioned Foundation.

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

F. Prices for Faculty-Staff Season Athletic Activity Cards, Field Seats, and South Stands

Based upon a recent analysis of financial need as well as a comparative study of ticket prices by the Department of Athletics, the Athletic Council has recommended that the price of faculty-staff season athletic activity cards be increased from $16 to $20 and that the price of single-game football tickets for the field seats and south stand seats in Ohio Stadium be raised from $3 to $5 per game. All other ticket prices would remain unchanged.

The amount paid by the faculty and staff for season athletic activity cards has not been increased since 1967 and the price for field seats and south stand seats has not been increased since 1955 while the reserve and box seat prices have had four increases during this period.

President Fawcett recommended that the Board of Trustees approve the price increases as proposed by the Athletic Council, effective with the 1971 football season.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
April 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the March 5, 1971, meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Resignation, Leaves of Absence Without Salary, and Emeritus Titles:

A. Resignation

Clarence R. Cole has requested that he be relieved of his duties as Dean of the College of Veterinary Medicine, effective upon the appointment of a successor but no later than September 1, 1971. He will resume his position as a Regents Professor in the Department of Veterinary Pathology.

B. Leaves of Absence Without Salary

Judy Ann Tamulitis, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective March 16, 1971 through June 15, 1971, to participate in a program of professional improvement at The Ohio State University.

Peggy C. Wilson, Instructor, School of Allied Medical Professions, effective March 29, 1971 through June 30, 1971, for personal reasons.

C. Emeritus Titles

Frederick Stecker, Office of the President, with the title Executive Director for University Relations Emeritus, effective July 1, 1971.

Ellsworth E. Reese, College of Optometry, with the title Assistant Professor Emeritus, effective July 1, 1971.

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

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

SUMMARY
February 20, 1971 - March 12, 1971

<table>
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<tr>
<th>Projects</th>
<th>Gross Value</th>
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<td>Contracts</td>
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<tr>
<td>Industrial and Other Research</td>
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<td>Grants</td>
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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.


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


   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


   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. #AFOSR
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.
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, 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.

   Gross Value - $24,840.00.

   Gross Value - $10,539.00.

   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 - $4,000.00.
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)

b. American Cancer Society, Ohio Division, Inc., Franklin County Unit, Columbus, Ohio, Chemical Identification of Material Responsible for Cellular Migration of CV-1 and WI-26 Cells Infected with a Tumor Virus (to be known as Project No. 3192-A1 - New - Department of Veterinary Pathology).
Gross Value - $4,923.00.

c. Epilepsy Foundation of America, Washington, D. C., A Study of Epileptic Beagle Dogs with Multiple Depth Electrodes (to be known as Project No. 3193-A1 - New - Department of Medicine).
Gross Value - $3,638.00.

TOTAL - Industrial and Other Research Grants $13,461.00

Upon motion of Mr. Shocknessy, 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

<table>
<thead>
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<th>No. of Projects</th>
<th>Gross Value</th>
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<tr>
<td>Industrial Research Contracts</td>
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During the period from February 13, 1971 through March 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.

1. Industrial Research Contracts

   EES 307X Ext. #4 Experimental Determination of Combustibility, American Iron and Steel Institute, New York, New York.
   Gross Value - $18,360.00.

   Gross Value - $2,000.00.
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)
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 E03PE 00435-02)

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)
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. $6,843.00 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. $6,600.00 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


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:

<table>
<thead>
<tr>
<th>Source</th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>990</td>
<td>$27,776.61</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>221</td>
<td>130,726.54</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>51</td>
<td>93,734.72</td>
</tr>
<tr>
<td>Foundations and Nonprofit</td>
<td>47</td>
<td>56,016.03</td>
</tr>
<tr>
<td>Organizations</td>
<td>1,309</td>
<td>$308,253.90</td>
</tr>
</tbody>
</table>

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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)

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 81,078.00</td>
<td>$ 84,178.00</td>
<td>$3,100.00</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$305,766.00</td>
<td>$309,266.60</td>
<td>$3,500.60</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hamilton Manufacturing Co. (Two Rivers, Wisconsin)</td>
<td>$420,581.00 $410,000.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jess Howard Electric Co. (Columbus)</td>
<td>$10,707.00 $18,000.00</td>
</tr>
</tbody>
</table>

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

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.
April 2, 1971 meeting, Board of Trustees

VII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

32 Approves the award of contract for the Heating and Air Conditioning Division, the Electrical Division and the Lecture Hall Seating Division notwithstanding the fact that the low bids were over the estimate of cost and releases $3,000,000 from Item 315-072 (Dental Building, Phase II), H. B. 531, so that these contracts may be awarded for the project.

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Gas Line Easement - Columbia Gas of Ohio

WHEREAS, the construction of a portion of the Olentangy Freeway (State Route FRA-315-2.85) and the resulting channel improvement to the Olentangy River is on The Ohio State University campus; and

WHEREAS, the construction of the Olentangy Freeway and the Olentangy River channel improvements required Columbia Gas of Ohio, Inc., to relocate their existing gas lines in an area approximately 800 feet north of King Avenue and east of old Kinnear Road;

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the relocation of the gas service.

Upon motion of Mr. Cushman, 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
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+ acres for the construction and operation of an agricultural technical institute and related facilities located in Wooster Township, Wayne County, Ohio.

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

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Eldon S. Banta, Professor in the Cooperative Extension Service and the Department of Horticulture; Wooster B. Field, Professor Emeritus in the Department of Engineering Graphics; and Mildred Martin, Instructor (County Extension Agent, Home Economics), Lake County, in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Eldon S. Banta

The Board of Trustees expresses its sorrow at the death on March 18, 1971, of Eldon S. Banta, Professor in the Cooperative Extension Service and the Department of Horticulture.

Professor Banta was born July 10, 1918, in Lebanon, Ohio. After graduating from Lebanon High School in 1937, he enrolled at The Ohio State University. He was awarded a Bachelor of Science in Agriculture degree in 1941. Upon graduation he entered the business of fruit production and remained an active fruit grower until 1957 when he returned to The Ohio State University for further study. During the period from 1943 until 1957, Professor Banta was also a Field Editor for the American Fruit Grower magazine. From 1949 through 1954, he also served as a teacher for the Lebanon Board of Education training veterans for agricultural pursuits.

Professor Banta was awarded the Master of Science degree by The Ohio State University in June of 1958 at which time he joined the staff of the Cooperative Extension Service as an Assistant Professor and Extension Fruit Specialist. He was promoted to Associate Professor July 1, 1966, and to Professor July 1, 1970.
April 2, 1971 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Eldon S. Banta (continued)

During his entire professional career, Professor Banta dedicated himself to the fruit industry. Because of his keen perception and in-depth comprehension of industry problems, he was recognized as a leader in Ohio and throughout the east. He has served for many years as Secretary of the Ohio State Horticultural Society and was a frequent speaker on fruit industry programs in Ohio and other major fruit growing states. He was considered an authority in many aspects of fruit production technology including apple rootstocks, fruit tree propagation, grape production techniques, and tree decline. He has published many extension bulletins and authored a number of feature articles in the American Fruit Grower and The Ohio Farmer. He was actively involved in a study of apple tree decline in eastern Ohio counties after joining the staff in 1958.

Mr. Banta was not only a dedicated horticulturist but a distinguished member of the community as well. He was active in his church and in many community activities. Throughout his life he gave freely to the development of the community in which he lived and the institutions and industries which he served.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Eldon S. Banta as a humble expression of the Board’s heartfelt sympathy in its bereavement.

B. Wooster Bard Field

The Board of Trustees of The Ohio State University expresses its deep regret at the death March 3, 1971, of Wooster B. Field, Professor Emeritus, Department of Engineering Graphics, College of Engineering.

Professor Field was born in Columbus, Ohio, July 29, 1886. He attended The Ohio State University and received the degree, Civil Engineer in Architecture, in 1911. He practiced architecture in Dayton and Columbus from 1911 to 1917 before returning to his Alma Mater in September, 1917, as an Instructor, Department of Engineering Drawing. He became an Assistant Professor in 1921, an Associate Professor in 1930, and was promoted to Professor in 1936. In addition to his teaching of basic drawing courses for engineers, he directed the drawing courses for all freshmen in architecture, and a course for house planning for all students in home economics. He retired as Professor Emeritus in 1956 after 38 years of teaching. Professor Field practiced some architecture during his tenure at the University and was known particularly for his many talents in painting, wood carving, and sculpturing. He did many wood carvings on furniture and picture frames as well as many water and oil paintings of his travels. Many of his paintings were exhibited in the Faculty Club and the Columbus Gallery of Fine Arts. He sculptured the plaque of the late Professor Joseph N. Bradford which is exhibited in Brown Hall as well as the bust of the late Professor Thomas E. French which is exhibited in the Department of Engineering Graphics in Hitchcock Hall.
April 2, 1971 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Wooster Bard Field (continued)

Professor Field was the author of An Introduction to Architectural Drawing, Architectural Drawing, and House Planning. He was a Registered Architect, State of Ohio, member of the American Institute of Architects, American Society for Engineering Education, University Baptist Church, Faculty Club, and University Lodge F. & A.M.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Field its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

C. Mildred Martin

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 2, 1971, of Mrs. Mildred Martin, Instructor (County Extension Agent, Home Economics), Lake County, in the Cooperative Extension Service.

Mrs. Martin was born April 2, 1908, in Langsville, Ohio. She spent her early life in the rural community in Meigs County. After graduating from Rutland High School, she enrolled at Ohio University where she was awarded the Bachelor of Arts degree in English and French in 1936. She later pursued graduate work in Home Economics at Ohio University and received the Master of Science degree in 1948.

Mrs. Martin was an English and Social Studies teacher in Rutland, Meigs County, prior to teaching Home Economics at Harding High School, Fairport Harbor, from 1949 to 1963. Since early 1964, she had enjoyed her career as a faculty member with the Ohio Cooperative Extension Service in Lake County. She enjoyed the respect and admiration of the people of Lake County and surrounding communities. Her ability to organize and execute effective educational programs was widely recognized. She served as a vital force in many local civic, educational, and service capacities. She was listed in Who's Who of American Women in 1969. Her ability as an effective teacher and a dedicated educator earned her an esteemed position in the minds and hearts of her co-workers and her many students.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Martin its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.
X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held March 19, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on March 19, 1971:

That the new degree programs for awarding the Master of Science in Library Science and Doctor of Philosophy in Library Science submitted by The Ohio State University and proposed to be undertaken on an interdisciplinary basis with special emphasis upon the application of computer science to library science is hereby approved.

B. Report from the Finance and Investment Committee

1. Resolution Pertaining to the Financing of Auxiliary Facilities by The Ohio State University

Mr. Shocknessy presented the following resolution:

WHEREAS, The Ohio State University (herein called the "University") has heretofore constructed and equipped on its campus certain motor vehicle parking facilities (said facilities, together with all structures and improvements related or incidental thereto being herein called the "Completed Project") for the interim financing of which there are outstanding an aggregate of $4,500,000 notes of the University, and for the permanent financing of the Completed Project the University proposes to issue revenue bonds of the University pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code; and

WHEREAS, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the 108th General Assembly of Ohio by Amended Substitute Senate Bill No. 299, effective November 5, 1969, under authority of the Constitution of Ohio, including Section 21 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

WHEREAS, the University wishes to take advantage of such new authority provided by the General Assembly since the exercise thereof will be in the best interests of the University in that it will permit all future financing of auxiliary facilities to be accomplished under a single open-end trust agreement thereby simplifying and avoiding error in fund management, and will result in attracting lower interest costs on the obligations of the University by reason of the enhanced security provided, thereby permitting lower charges for those services from which the University will provide funds to pay the principal and interest on such obligations; and

WHEREAS, the University wishes to employ such system of financing the Completed Project so that, with certain exceptions, all of its future revenue bond financing, including that presently contemplated for the Completed Project, may be under a single trust agreement; and

WHEREAS, prior to the undertaking of such pattern of financing by the University, it is appropriate that such be presented to the Ohio Board of Regents and its approval thereof obtained;

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

Section 1. It is hereby determined that it is and will be to the best interests of the University that the Completed Project be financed by the issuance of revenue bonds of the University pursuant to Revised Code Section 3345.11 and 3345.12 of the Ohio Revised Code, as the same became effective November 5, 1969, under an open-end trust agreement pledging to the security of the University's bonds issued thereunder all available receipts of the University which may lawfully be so pledged as authorized by Section 3345.12 of the Revised Code, and covenanting to fix, make, adjust and collect charges and fees so as to provide adequate pledged available receipts to meet bond service charges and reserve and other requirements provided in the bond proceedings.

Section 2. The University respectfully requests that the Ohio Board of Regents approve the proposed pledge of available receipts of the University, as authorized by Section 3345.12 of the Revised Code, and the proposed agreement of the University to fix and adjust the charges and fees constituting available receipts so that the same may at all times be adequate to meet bond service charges and reserves and other
April 2, 1971 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Finance and Investment Committee (continued)

1. Resolution Pertaining to the Financing of Auxiliary Facilities by The Ohio State University (continued)

requirements of the bond proceedings, for the issuance of bonds in the first instance and the future issuance of additional bonds under the open-end trust agreement, and for issuance of notes to finance auxiliary facilities.

Section 3. The University and its Board of Trustees hereby represent to the Ohio Board of Regents and agree that they will at all times take such actions, within their lawful authority, as shall result in available receipts, other than from instructional fees and tuition surcharges, being adequate at all times to pay the principal of and interest on and meet all other deposits and payments required to be made under the relevant bond and note proceedings with respect to the bonds and notes issued pursuant to the approval requested under Section 2 hereof, so that no part of the instructional fees or tuition surcharges will actually need to be applied to such purposes.

Section 4. The appropriate officers of the University are each hereby authorized and directed to do all things necessary and proper toward carrying out the purposes of this resolution.

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

C. Commendation of the 1971 Big Ten Champion Basketball Team

Mr. Shocknessy made the following statement:

It is a pleasure, indeed a high honor, to express to the basketball team, especially to the captain, and to the coaching staff, the felicitations of this Board with expressions of pride in their accomplishments. Nobody ever saw a greater exhibition of character than those young men on that team exhibited on numerous occasions during this past season. We can be proud that we have something to do with instilling the attributes of character which these young men exhibited. Athletics for their own sake are not justifiable; athletics must contribute to the overall mission of the University in order to justify the interest and patronage that we provide. On behalf of this Board, I express felicitations and congratulations to the team, its captain, and the coaching staff.
April 2, 1971 meeting, Board of Trustees

X. REPORTS (continued)

D. President Fawcett's Report on the Procedure for Selection of a President

President Fawcett made the following statement:

At the last meeting you requested that I might be helpful to you in suggesting a procedure to follow in the selection of the President of the University. I indicated that I could not respond by today, because many of the people I wanted to discuss this matter with would not be immediately available. I have had an opportunity to review the Bylaws of the Board of Trustees; and I also have reviewed such literature as is available, as well as talked to a number of people who are knowledgeable on the subject. I have received a number of unsolicited suggestions as to procedure. I still have some consultation to do. I must say, however, it is becoming increasingly clear to me as to how this matter should best be pursued. I will have a precise recommendation for your consideration to do with as you see fit not later than the May meeting of this Board.

E. Report on the University's Investment Portfolio

The report dated April 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Friday, May 7, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

Edward Q. Moulton                      John G. Ketterer
Secretary                              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)
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 re-
sponsible 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 coordina-
tion 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 re-
sponsibility, and may be assigned fiscal responsibility by the respective Dean of
the College or Director of the School. This unit shall be responsible for instruc-
tion, 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. Aca-
demic 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 admin-
istration 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.
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.

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.

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.)

27.09. Committees.

Section 1. There shall be an Executive Committee, a Curriculum Committee, and a Policy and Standards Committee, each constituted as follows:
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.

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.
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.


Minutes of the last meeting were approved.
May 7, 1971 meeting, Board of Trustees

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:

<table>
<thead>
<tr>
<th>Position</th>
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</thead>
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<tr>
<td>Chairman</td>
<td>James W. Shocknessy</td>
</tr>
<tr>
<td>Vice Chairman</td>
<td>Don M. Hilliker</td>
</tr>
<tr>
<td>Secretary</td>
<td>Edward Q. Moulton</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Gordon B. Carson</td>
</tr>
</tbody>
</table>

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.
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.
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.
May 7, 1971 meeting, Board of Trustees

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.
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.
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-CSU 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.
II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Joseph H. Koffolt, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1971.

Richard C. Larkins, School of Health, Physical Education, and Recreation - Men's Division, with the title Professor Emeritus, effective July 1, 1971.

James V. Logan, Jr., Department of English, with the title Professor Emeritus, effective July 1, 1971.

Everett J. Nelson, Department of Philosophy, with the title Professor Emeritus, effective July 1, 1971.

Harald H. Nielsen, Department of Physics, with the title Professor Emeritus, effective July 1, 1971.

Ralph M. Patterson, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1971.

Marion L. Pool, Department of Physics, with the title Professor Emeritus, effective July 1, 1971.

Donald W. Riley, Department of Speech, with the title Professor Emeritus, effective July 1, 1971.

Waldron D. Sheets, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1971.

Francis Weisenburger, Department of History, with the title Professor Emeritus, effective September 1, 1971.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
May 7, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
March 13, 1971 - April 16, 1971

<table>
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<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
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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.


   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.
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)

     Gross Value - $34,937.00.

     Gross Value - $9,500.00.

     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.

     Gross Value - $11,000.00.
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)


TOTAL - Industrial and Other Research Contracts $24,000.00


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.


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. 2889-A - Ext. #1 - Department of Veterinary Pathology).
   Gross Value - $41,992.00.
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)

   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.

   Gross Value - $9,300.00.

   Gross Value - $225,000.00.

   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.

   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)

Gross Value - $13,023.00.

Gross Value - $36,602.00.

Gross Value - $16,593.00.

Gross Value - $4,000.00.

Gross Value - $18,700.00.

TOTAL - Government Research Grants - Federal $1,056,083.00

4. Industrial and Other Research Grants

Gross Value - $11,935.00.

Gross Value - $5,600.00.
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)

   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 Stereoscan 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

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contracts</td>
<td>2</td>
</tr>
</tbody>
</table>

During the period from March 13, 1971 through April 16, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

   EES 276A  Ext. #5  An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio.
              Gross Value - $180,000.00.

   EES 361X  Ext. #1  A Study of Testing Variance in Size Distribution Analysis of Course Aggregate Modification, Ohio Department of Highways, Columbus, Ohio.
              Gross Value - $5,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

C. Authorization to Execute Agreement Between The Ohio State University and the Central Ohio Technical College at Newark, Ohio

In response to a clearly identified need for technical education programs in the Newark, Ohio, area, the Ohio Board of Regents has authorized the creation of the Licking County Technical Institute District and in turn the establishment of the Central Ohio Technical College. The authorization for state universities to establish technical education programs in cooperation with technical institutes organized under the laws of Ohio, is in harmony with action taken by the 107th General Assembly, Section 3357.09 of the Ohio Revised Code.

President Fawcett recommended therefore that the President of the University be authorized to sign an agreement between The Ohio State University and the Central Ohio Technical College to provide for technical education programs on the Newark Campus of the University, to begin with the Autumn Quarter, 1971.

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

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 2, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance $3,025,862.00
Received Through The Ohio State University Development Fund 154,643.48

A. Administered Through the Office of Business and Finance

1. $2,182,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Continuation of the Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period December 1, 1970 through January 31, 1972. (Grant No. OEG-3-7-00158-2037)

2. $142,684.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Pathology - Training Grant," under the direction of the Department of Veterinary Pathology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01052-09)
May 7, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. $132,509.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program - Basic Grant," under the direction of the School of Allied Medical Professions, for the period April 1, 1971 through March 31, 1972. (Grant No. 5 E01 AH 00606-05)

4. $90,564.00 granted by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for a "Program to Provide Dental Care for Homebound, Chronically Ill and/or Handicapped in Columbus and Franklin County," under the direction of the College of Dentistry, for the period April 1, 1971 through March 31, 1972. (Grant No. 05 H 000102 03 0 - CS H29 C 0)

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. $84,570.00 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:

<table>
<thead>
<tr>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>$ 32,707.30</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>43,801.62</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>59,160.60</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>101,087.60</td>
</tr>
<tr>
<td>Total</td>
<td>$236,757.12</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$181,552.00</td>
<td>$188,860.02</td>
<td>$7,308.02</td>
</tr>
</tbody>
</table>

For additional personnel safety and security during operation, it was deemed necessary to add lights in the courtyard, add fault interrupter to heated windows for safety in case of breakage, and revise door hardware. Also, conditions found during construction required additional excavation.

Funds for this project have been provided from the Dormitory Revenue Fund.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett made the following request for authorization to proceed with the installation of artificial turf:

I am now requesting authorization from the Board for this University to advertise for bids for the purpose of installing artificial turf in Ohio Stadium and on the practice field located at the North Athletic Complex. It is our hope to have both fields completed in time for the fall season.

This project was initiated approximately a year ago but was delayed by litigation concerned with the bidding procedures. The questions have now been resolved, and no further delays are anticipated.

A modification in the original plan for funding the turf project has been announced by the Athletic Council. In addition to gifts previously announced, the Council stated that reserve funds generated by athletic receipts will be used to cover increased costs in a total project of over $500,000.

Gift income now totals nearly $400,000 and the Athletic Department is still soliciting additional contributions. The balance between donations and total costs will be made up from the Athletic Reserve Fund. None of these funds comes from student fees or from State appropriations.
VI. PLANS AND SPECIFICATIONS (continued)

President Fawcett's statement (continued)

The Athletic Council decision to use some of its reserve funds in financing this important project was based on several factors. The one-year delay has already resulted in a substantial cost increase. Additional delay, however, would undoubtedly result in further increases in the cost.

The University has great need for such multi-purpose fields in support of the programs in athletics, intramurals, and recreation. Based on the experience at Minnesota, Indiana, Michigan, and Michigan State, artificial turf should permit greater utilization of these two playing fields over an extended period of time. The artificial surface also can be used under all but extremely severe weather conditions.

A. Ohio Stadium - Artificial Turf 1971

This project provides a complete system of artificial turf for the football field at the Ohio Stadium, The Ohio State University, with alternates intended to provide a practice field with artificial turf at the North Athletic Facility if sufficient funds are available.

Funds for this project have been provided from Gifts, Interest on Gifts, and Athletic Reserves.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous roll call vote. Vice President Carson was authorized to advertise for bids and to award contracts if satisfactory bids are received, with ratification at a subsequent meeting.

President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

B. Cockins Hall Remodeling

This project will provide additional classrooms for the Department of Mathematics, including the Division of Statistics, and the Department of Geodetic Science and improvements to the Mathematics Library.

Funds for this project have been provided from Item 315-074 Utilities and Renovation, H. B. 531, and a transfer from Budget Account 149997 New Programs Reserve to Budget Account 801181 Cockins Hall.

C. Animal Science Livestock Center

This project will provide housing and facilities for the production, maintenance, and utilization of animals for teaching and research purposes of the College of Agriculture.

Funds for this project have been provided from Item 235-010 Board of Regents Architectural Planning, H. B. 531, and Item 315-068 College of Agriculture, H. B. 531.
May 7, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

D. Lima Campus - Expansion and Improvements of Parking Facilities

This project will provide additional parking spaces, improve drainage, add lighting, repair pavement where base failures exist, and resurface all lots and roadways that do not now meet the University construction standards.

Funds for this project have been provided from the Lima Parking Rotary and a loan from Budget Account 809999 Plant Funds Accounts Receivable with the understanding that Instructional and General reserves and current funds are security for the loan.

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

* * *

VII. REPORT OF AWARD OF CONTRACTS

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

A. Ambulatory Patient Teaching Facility

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7 bids received 5-4-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. W. Setterlin and Sons Co. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid (including site work Items IA, IB, and IC)</td>
<td>$5,230,000.00</td>
<td>$6,089,000.00</td>
</tr>
<tr>
<td>Alt. G-1 Add 2 passenger elevators</td>
<td>115,000.00</td>
<td>150,000.00</td>
</tr>
<tr>
<td>Alt. G-2 Add 2 service elevators</td>
<td>95,000.00</td>
<td>160,000.00</td>
</tr>
<tr>
<td>Total</td>
<td>$5,440,000.00</td>
<td>$6,399,000.00</td>
</tr>
</tbody>
</table>

Plumbing Contract (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

Heating, Ventilating and Air Conditioning Contract (5 bids received 5-4-71)

Limbach Co. (Columbus)

Base bid (including site work Item IIIA) $1,493,700.00 $2,304,097.00
VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Ambulatory Patient Teaching Facility (continued)

<table>
<thead>
<tr>
<th>Electrical Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1,527,768.00</td>
<td>$1,789,816.00</td>
</tr>
<tr>
<td>Electric Power Equipment Co. (Columbus)</td>
<td>5,166.00</td>
<td>1,500.00</td>
</tr>
<tr>
<td>Base bid (including site work Items IV A, IV B, and IV C)</td>
<td>$1,538,100.00</td>
<td>$1,792,816.00</td>
</tr>
<tr>
<td>Alt. E-1 Add 2 passenger elevators</td>
<td>5,166.00</td>
<td>1,500.00</td>
</tr>
<tr>
<td>Alt. E-2 Add 2 service elevators</td>
<td>5,166.00</td>
<td>1,500.00</td>
</tr>
</tbody>
</table>

Total Contracts to be awarded at this time:

$9,346,800.00 $11,758,000.00

*The bids for the Laboratory Casework Contract are under study and recommendation for the award of this contract will be presented to the Board of Trustees at a later date.

Funds for this project have been provided from Item 315-015 Medical Complex, H. B. 531, and a Public Health Service Grant.

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

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

31 Approves the release of $50,000.00 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Derby Hall Alterations."

33 Approves the release of $63,000.00 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Electrical System Expansion."

34 Approves the award of contract for the Laboratory Equipment for the project "Dental Building Phase II" notwithstanding the fact that the bid exceeds the estimate of cost.
May 7, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lima Campus - Expansion and Improvements of Parking Facilities, Employment of Engineers

President Fawcett recommended that the engineering firm of Kohli and Kaliher Associates, Lima, Ohio, be employed to provide detail plans and specifications, engineering services and consultation during construction and final acceptance on completion of construction.

The fee for this service will be based upon 9 per cent of the first $100,000 and 6 per cent of the remaining construction cost.

Funds for this project have been provided from the Lima Parking Rotary and a loan from Budget Account 809999 Plant Funds Accounts Receivable with the understanding that Instructional and General reserves and current funds are security for the loan.

Upon motion of Mr. Eckley, seconded by Mr. Cushman, 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:

<table>
<thead>
<tr>
<th></th>
<th>Quarterly Premium Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1970-71 Year</td>
</tr>
<tr>
<td>Student</td>
<td>$12</td>
</tr>
<tr>
<td>Student and Spouse</td>
<td>26</td>
</tr>
<tr>
<td>Student, Spouse, and All Children</td>
<td>42</td>
</tr>
</tbody>
</table>

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.
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 Sedy, 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 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 was 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.
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
E. Howard Francis Seely (continued)

Columbia University, where he taught courses in the teaching of English in the summer sessions for six years. During this period he was also an actor, playwright, and director in the Beechwood Playhouse.

In 1928, Professor Seely joined the staff of the College of Education, The Ohio State University, where he served without interruption until his retirement in 1958. He became widely known and respected as a talented lecturer, a teacher who set high standards for both himself and his students, and a leader in the development of modern secondary school English programs.

In his book, Enjoying Poetry in School, Professor Seely presented a vigorous plea for a humane approach to literature aimed at promoting a genuine appreciation of poetry and a lifelong interest in reading it. In On Teaching English he proposed that the principles of grammar be taught inductively as an aid to the achievement of good English usage and that written composition activities include opportunity for creative writing, in both prose and poetry, characterized by originality and imagination. His widely used secondary school text, Experiences in Thought and Expression, provided teachers with a variety of materials and methods for translating tested principles of teaching English into classroom practice. He was also the co-author of two other secondary school texts, Recent Short Stories for Enjoyment and Experiences in Speaking. His many articles on the teaching of English appeared in such publications as the English Journal, Educational Research Bulletin, and Ohio Schools.

The Board of Trustees, on behalf of the University, extends to his widow, Mrs. Howard Francis Seely, and to other members of his family its sincere sympathy in the loss they have sustained. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to Mrs. Seely as an expression of the Board's deep sympathy in her bereavement.

XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held April 16, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on April 16, 1971:

Approved the request permitting the consolidation of pledges of income to secure revenue bonds issued by the Board of Trustees of The Ohio State University.
May 7, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance from Time to Time of General Receipts Bonds of The Ohio State University, for the Payment of the Principal of and Interest on Such Bonds, and for Securing Such Payment

Mr. Shocknessy presented the following resolution:

GENERAL BOND RESOLUTION

Providing for the issuance from time to time of General Receipts Bonds of The Ohio State University, for the payment of the principal of and interest on such Bonds, and for securing such payment.

WHEREAS, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, as enacted by the 108th General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 21 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.
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)

"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.
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)

"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
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)

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 thereof, 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.
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)

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
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)

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

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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:

<table>
<thead>
<tr>
<th>Account</th>
<th>Section References</th>
</tr>
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<tbody>
<tr>
<td>Bond Service Account</td>
<td>Sections 7 and 8</td>
</tr>
<tr>
<td>Bond Service Reserve Account</td>
<td>Sections 7 and 9</td>
</tr>
<tr>
<td>Bond Redemption and Purchase Account</td>
<td>Section 10</td>
</tr>
<tr>
<td>Special Accounts</td>
<td>Section 11</td>
</tr>
</tbody>
</table>

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.
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)

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 therefrom 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
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)

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 therefrom 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.
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)

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.
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:

SERIFS 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 21 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
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.


(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:

<table>
<thead>
<tr>
<th>Year of Maturity</th>
<th>Principal Amount</th>
<th>Year of Maturity</th>
<th>Principal Amount</th>
<th>Year of Maturity</th>
<th>Principal Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1972</td>
<td>$115,000</td>
<td>1978</td>
<td>$170,000</td>
<td>1985</td>
<td>$265,000</td>
</tr>
<tr>
<td>1973</td>
<td>120,000</td>
<td>1979</td>
<td>180,000</td>
<td>1986</td>
<td>280,000</td>
</tr>
<tr>
<td>1974</td>
<td>130,000</td>
<td>1980</td>
<td>190,000</td>
<td>1987</td>
<td>300,000</td>
</tr>
<tr>
<td>1975</td>
<td>140,000</td>
<td>1981</td>
<td>205,000</td>
<td>1988</td>
<td>320,000</td>
</tr>
<tr>
<td>1976</td>
<td>150,000</td>
<td>1982</td>
<td>220,000</td>
<td>1989</td>
<td>340,000</td>
</tr>
<tr>
<td>1977</td>
<td>160,000</td>
<td>1983</td>
<td>230,000</td>
<td>1990</td>
<td>360,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1984</td>
<td>245,000</td>
<td></td>
<td>380,000</td>
</tr>
</tbody>
</table>

(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:
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)

<table>
<thead>
<tr>
<th>If Redeemed (dates inclusive)</th>
<th>Redemption Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 1, 1981 to December 1, 1985</td>
<td>103%</td>
</tr>
<tr>
<td>June 1, 1986 to December 1, 1988</td>
<td>102%</td>
</tr>
<tr>
<td>June 1, 1989 and thereafter</td>
<td>101%</td>
</tr>
</tbody>
</table>

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.


(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.
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.
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.
XI. REPORTS (continued)

D. President's Report on Recommended Procedure to be Used in the Selection of a President of The Ohio State University (continued)

President Fawcett’s recommendations (continued)

Recognizing that the Board of Trustees must be prepared to exercise the authority to make a final decision, it is suggested that the Consultative Committee receive nominations and screen candidates with the idea in mind of suggesting to the Board of Trustees by November 12, 1971, a list of five people who might then be given appropriate consideration by the Board. The target date for a final decision should be March, 1972, but no later than April, 1972.

Mr. Shocknessy made the following statement:

I would like to say that the report is typical of the President's thoughtful, painstaking attention to every task that has been his through the years of his service. The report envisions a Search Committee, broad in representation of constituencies, well constructed in the selection of the persons to represent the constituencies, and without further analysis I will move the acceptance, approval, and adoption of the report, including all of its suggestions. I want the resolution to include the approval of the Honorable John G. Ketterer, retiring Chairman of this Board as the Chairman of the Committee, with the authority to use such assistance from the University staff and administration as he needs and as the President has very wisely offered.

Further, the Secretary is hereby directed to take all appropriate steps to effectuate it and to notify those persons who are intended to be members of the Committee and to determine whether or not they are willing to serve. The Chairman will advise as to schedule.

Mr. Hilliker seconded the motion to adopt the foregoing report of the President and the resolution by Mr. Shocknessy. The Board of Trustees approved the foregoing report and Mr. Shocknessy’s resolution by unanimous roll call vote.
May 7, 1971 meeting, Board of Trustees

XII. MR. SHOCKNESSY'S ACCEPTANCE OF THE CHAIRMANSHIP

Mr. Shocknessy asked for permission to make the following statement:

Before we adjourn, I want to offer my expressions of gratitude to the members of the Board for electing Mr. Hilliker, Dr. Moulton and me to the offices of the Board. I give my assurance that I am mindful of the responsibility which devolves upon us. I am mindful also that the act we follow is a hard act with which to compete. We have had a very competent, able and self-sacrificing Chairman these past two years and it has been a joy as well as a meaningful experience to serve with him.

This Board over the generations has been composed of men and women who have made contributions in great measure to the State and Nation. Many of their contributions began here.

I want to say that my purpose as Chairman of this Board will be to strive for excellence. It has always been the purpose of this University to strive for excellence and that purpose will get worship from those of us whom you have elected today. And finally, I want to assure the administration, faculty, and students that we hope to understand the concerns of all and in fulfillment of the responsibility you have placed upon us we shall give every ounce of strength that we have.

XIII. RECOGNITION OF JOHN G. KETTERER, RETIRING CHAIRMAN OF THE BOARD OF TRUSTEES

President Fawcett spoke as follows:

For fifteen years I have been fortunate enough to work with a considerable number of distinguished people on this Board. Not one is presently on the Board who was here when I came. There have been many in the interim. I suppose you really cannot expect one in a role like mine not to remember the manner in which each person on this Board has made his contribution.

John Ketterer was a name I did not know when he was named to the Board of Trustees--I read his name in the newspaper. I am certain that he had no knowledge of me either except what he read in the newspaper. But he has now served for eight years on this Board and the last two as Chairman, an honor that has not fallen to many people. I can honestly say that during the whole period of his tenure no one who really knew him could challenge his integrity, his dedication, and his sense of fair play within the context of whatever the problem may have been at any moment. He became not only a great Chairman of this Board, but a good friend of all people at this University. You have watched him perform as Chairman and while you may or may not have agreed with him on occasion, you must admit that he always has kept his eye on the purpose of the meeting and has dispatched his responsibility as Chairman fully within the
The Ohio State University

in recognition of duty well performed upon completion of distinguished service to the University as a dedicated member of the Board of Trustees and a faithful custodian of our educational heritage the Board of Trustees, administration, faculty, and students convey deep appreciation and good wishes to

John G. Ketterer

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.

[Seal]

[Signature]

Novice S. Fawcett
President

[Signature]

Edward S. Courlander
Secretary of the Board of Trustees
May 7, 1971 meeting, Board of Trustees

XIII. RECOGNITION OF JOHN G. KETTERER, RETIRING CHAIRMAN OF THE BOARD OF TRUSTEES

(continued)

President Fawcett's statement (continued)

rules, regulations and bylaws of this institution. I respect and admire him and have great personal affection for him. He is one of those unique people who has the ability to go to the root of a problem and come up with the best possible solution that can be found. I want to culminate my remarks by "graduating" him this afternoon. We have a plaque for you. (See page 506.)

Mr. Ketterer responded as follows:

Thank you very much President Fawcett for the kind things you have said and you, too, Jim Shocknessy. I am sure I do not merit half of those remarks. I have done what I thought was best in a given situation. Ohio State is in my blood. My father was a graduate of one of the first several classes of the Ohio State Law School. My sister graduated here, I graduated here, my brother died while a student here, and I currently have a son enrolled here.

You may be sure that when I jump from the frying pan into the fire as it would appear that I am about ready to do, that I shall make every effort to do what I termed once before a "virtually insurmountable job," to find a fitting successor to Novice Fawcett whose dedicated service to this University has been far and beyond the requirements of duty. It is with some hesitation and with full knowledge of the responsibility that I am going to take over the task you have so kindly given me today and you may be sure I will do my best in serving as Chairman of this Search Committee.

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

Attest:

Edward Q. Moulton                         John G. Ketterer
Secretary                                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)
Revisions in Rules 11. 1305, 29. 2705, and 35. 07
of Rules for the University Faculty

The Faculty Council on April 13, 1971, approved revisions in Rules 11. 1305, 29. 2705, and 35. 07 of Rules for the University Faculty. The text of the Rules as revised is as follows:

11. 1305. Director of Libraries.

The Director of Libraries shall be appointed by the Board of Trustees upon nomination of the President. Before making his nomination the President shall confer with the Vice President for Educational Services who, in turn, shall confer with representatives of the faculty of the University Libraries and with the Library Council.

The Director of Libraries shall have the responsibility and authority for administering the University libraries under his jurisdiction. In the discharge of his duties he shall be guided by the policies established by the Library Council (see Rule 29. 2705). He shall report to the President through the Vice President for Educational Services.

Without limiting the generality of the foregoing, he shall evaluate continuously the administrative and operating practices of the University libraries under his jurisdiction and lead in the study of methods in improving them; recommend appointments, promotions and dismissals under the rules of the University; and prepare for the approval of the Vice President for Educational Services, annual recommendations for the budgets for personnel and for library materials.

- o -

29. 2705. The Library Council.

Section 4. The Library Council is responsible for advising the Vice President for Educational Services on the appointment of a Director of Libraries.

- o -

35. 07. Marks.

PA/NP - Pass/Non-Pass. This grading pattern may be chosen for

(a) any or all of the University required courses (31. 0701, 31. 0703) of Physical Education, Health Education, and National Defense Studies.

(b) an additional maximum of 15 hours of work.

The 15 hours noted in "b" above is confined to undergraduate students enrolled in a degree-granting college, or the Division of Continuing Education, who have an accumulated point-hour ratio of 2.0 or higher. In addition, courses required or specified as required electives in the curriculum leading to the degree for which a student is a candidate may not be taken on a Pass/Non-Pass basis.

- o -
The Board of Trustees met at its regular monthly meeting on Friday, June 4, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, and John L. Gushman.

Minutes of the last meeting were approved.
June 4, 1971 meeting, Board of Trustees

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
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

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

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.
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.

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.
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revisions of Rules 35.07 and 49.03 of Rules for the University Faculty

On May 11, 1971, the Faculty Council approved changes in Rules 35.07 and 49.03 of Rules for the University Faculty to authorize the Council on Academic Affairs to have responsibility for hearing requests for waiver of University graduation requirements (replacing the Committee on Student Standing and Faculty Council).

President Fawcett recommended that the foregoing revisions in the Rules for the University Faculty as shown in Appendix X, page 545, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the Rules for the University Faculty.

B. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 11, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix XI, page 549.)

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

C. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degree, Doctor of Science, be conferred on Neil A. Armstrong, at the June 11, 1971 Commencement.

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

D. Modified Interpretation of Residency Rule

In recognition of and consistent with The Ohio State University's policies of equality of opportunity, President Fawcett recommended that women be afforded total equality in the application of rules for the determination of
June 4, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Modified Interpretation of Residency Rule (continued)

residency for fee purposes and that regardless of marital status, women are to be considered for residency under the rules and policies applicable to individuals. Upon adoption of this clarification of policy, the Secretary is directed to seek from the Board of Regents the modification of its Rule 2. D. 6 so as to enable the University to effect the deletion of Section 3. c of the Rules Governing Non-Resident Status as printed in The Ohio State University Bulletin.

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

E. Establishment of the International Nickel Professorship in Corrosion Science and Engineering

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, President Fawcett recommended that the International Nickel Professorship in Corrosion Science and Engineering be established in the Department of Metallurgical Engineering at The Ohio State University.

Support for this professorship and related programs will be provided by the International Nickel Company, Incorporated, at an annual rate of $25,000. In presenting an initial contribution of $25,000 the International Nickel Company, Incorporated, expressed the wish that their contribution be used for the combined purposes of funding a "Named Professorship" and supporting programs in corrosion science and engineering.

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

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the May 7, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Resignation, Change in Administrative Responsibility, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles.

A. Resignation

James A. Robinson will resign his position as Provost and Vice President for Academic Affairs, so that he might accept the Presidency of Macalester College at St. Paul, Minnesota, effective August 1, 1971.
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.
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

<table>
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<tr>
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</table>

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

      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.

      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

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, Aero-
      nautical Systems Division, Wright-Patterson Air Force Base, Ohio,
      Transpiration Cooling (to be known as Project No. 2977 - Mod.
      #00005 - 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.
      #002 - 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.
      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.
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)

      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 - Department of Aeronautical and Astronautical Engineering).
      Gross Value - $3,600.00.


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

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

3. Government Research Grants - Federal (continued)


   g. Department of 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.


   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.
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.

   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.

   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.
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)

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.

Gross Value - $6,000.00.

Gross Value - $5,000.00

Gross Value - $45,400.00.

Gross Value - $9,464.00.

Gross Value - $15,000.00.

Gross Value - $9,906.00.
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)

      bb. National Science Foundation, Washington, D. C., Ecological
          Studies in the Galapagos Islands (to be known as Project No.
          Gross Value - $32,000.00.

          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.

          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
          Gross Value - $15,400.00.

      ff. National Science Foundation, Washington, D. C., H-Spaces map
          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. C0037-682,
      C0037-683, C0037-684, 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 - $115,115.00.

   e. American Iron and Steel Institute, New York, New York, Com-
      position 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 Found-
dation for the above contracts and grants were approved by unanimous voice
vote.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

SUMMARY

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
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<tr>
<td>Government Research Contracts</td>
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During the period from April 17, 1971 through May 14, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

   EES 386X Systems Analysis and Operation Research Support of the Ohio Youth Commission Juvenile Delinquency Prevention Act Planning Project, Ohio Youth Commission, Columbus, Ohio.
   Gross Value - $5,500.00.

   EES 387X Preparation of Inputs for the Ohio Airport System Planning Application, Ohio Department of Commerce, Columbus, Ohio.
   Gross Value - $3,536.00.

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 7, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

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

IV. GRANTS AND GIFTS (continued)

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


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 TOl 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)
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 Cariesogenic 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)
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.
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)

<table>
<thead>
<tr>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>$ 94,742.61</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>$ 50,958.40</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>$ 65,380.62</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>$ 76,936.49</td>
</tr>
</tbody>
</table>

= 3,383 $ 288,018.12

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$149,610.00</td>
<td>$147,318.00</td>
<td>($2,292.00)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 28,971.00</td>
<td>$ 29,385.47</td>
<td>$ 414.47</td>
</tr>
</tbody>
</table>

During the progress of construction, necessary changes were made to obtain a more acceptable job. This included the relocation of some circuits and additional wiring.
June 4, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. Ohio Union - Revision of Dishwashing System (continued)

Funds for this project have been provided from the Ohio Union Operating Account.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

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

A. Medical Academic - Area Lighting Improvements

This project provides for the installation of mercury lighting on aluminum poles with underground wiring for the sidewalks and streets adjacent to Hamilton Hall, the School of Nursing, and the Medical Sciences Building.

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

B. Classroom Buildings - Installation of Fire Alarm Systems

This project provides for the installation of modern fire alarm systems in compliance with the applicable building codes in Baker Systems Engineering, Brown Hall, Electronics Engineering, Ives Hall, and Welding Engineering buildings.

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

C. University Hall

This project consists of the removal of the building.

Funds for this project have been provided from Item 315-078 University Hall Complex, H. B. 531.

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Contract</strong>&lt;br&gt; (10 bids received 5-19-71)&lt;br&gt;Bogner and Sons (Wooster)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$1,055,463.00</td>
<td>$1,020,000.00</td>
</tr>
<tr>
<td>Alt. G-1 Furnish labor and material to install concrete parking blocks in parking area where indicated</td>
<td>2,680.00</td>
<td>1,800.00</td>
</tr>
<tr>
<td>Alt. G-2 Furnish necessary labor and material to stripe parking lot with zone marking paint as detailed on drawings</td>
<td>398.00</td>
<td>900.00</td>
</tr>
<tr>
<td>Alt. G-3 Furnish necessary labor and materials to install 6&quot; batt insulation above ceiling of all office areas as designated on drawings</td>
<td>1,427.00</td>
<td>2,830.00</td>
</tr>
<tr>
<td>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</td>
<td>3,275.00</td>
<td>3,226.00</td>
</tr>
<tr>
<td>Alt. G-5 Furnish necessary labor and materials to install brick pavers in lieu of quarry tile</td>
<td>4,502.00</td>
<td>4,500.00</td>
</tr>
<tr>
<td>Alt. G-6 Asphalt concrete in lieu of all graveled areas</td>
<td>12,060.00</td>
<td>16,050.00</td>
</tr>
<tr>
<td>Alt. G-7 Seeding</td>
<td>4,931.00</td>
<td>6,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$1,084,736.00</td>
<td>$1,055,306.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heating, Ventilating, and Air Conditioning Contract</strong>&lt;br&gt;(9 bids received 5-19-71)&lt;br&gt;Swagler's, Inc. (Seville, Ohio)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$432,707.00</td>
<td>$449,000.00</td>
</tr>
<tr>
<td>Alt. HVAC-1 Flow fittings</td>
<td>6,374.00</td>
<td>3,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$439,081.00</td>
<td>$452,000.00</td>
</tr>
</tbody>
</table>

\*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.
VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Agricultural Technical Institute, Wooster (continued)

Plumbing Contract
(7 bids received 5-19-71)
Swagler's, Inc. (Seville, Ohio)
Base bid $154,497.00 $195,000.00
Alt. P-1 Glass pipe in lieu of plastic acid resistant pipe 1,259.00 2,000.00
Alt. P-3 10″ pipe in lieu of 8″ pipe 826.00 1,275.00
Total $156,582.00 $198,275.00

Electrical Contract
(8 bids received 5-19-71)
Triangle Electric Co. (Canton)
Base bid $215,235.00 $251,000.00

Laboratory Equipment Contract
(4 bids received 5-19-71)
Smith and Schaefer, Inc. (Lakewood, Ohio)
Base bid $145,000.00 $135,000.00

Total Contracts $2,040,634.00 $2,091,581.00

*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

General Contract
(8 bids received 5-11-71)
Waller and Lund, Inc. (Columbus)
Base bid $31,780.00 $55,000.00

Heating, Ventilating and Air Conditioning Contract
(3 bids received 5-21-71)
R. M. Giehl, Inc. (Columbus)
Base bid $239,000.00 $244,000.00
June 4, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Ramseyer Hall Renovation, Phase II (continued)

<table>
<thead>
<tr>
<th>Electrical Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(6 bids received 5-11-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTH Electric Co. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$47,290.00</td>
<td>$42,600.00</td>
</tr>
<tr>
<td>Alt. E-1 Electrical hook-up for additional fan coil units on ground floor</td>
<td>2,240.00</td>
<td>5,500.00</td>
</tr>
<tr>
<td>Alt. E-2 Electrical hook-up of additional fan coil units on first, second and third floors</td>
<td>2,750.00</td>
<td>6,000.00</td>
</tr>
<tr>
<td>Total</td>
<td>$52,280.00</td>
<td>$54,100.00</td>
</tr>
</tbody>
</table>

Total Contracts | $323,060.00 | $353,100.00 |

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801140 (Renovation of Ramseyer Hall).

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

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Clinical Medical Sciences Education Facility - Employment of Architects

President Fawcett recommended that the architectural firm of Page Southerland and Page, Austin, Texas, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and complete supervision of construction.

An Ohio architectural firm will be selected to supplement local representation of Page Southerland and Page.

The fee for this service will be negotiated based upon the Architects Society of Ohio of the American Institute of Architects recommended minimum cost of service, as modified by the Department of Public Works letter dated September 23, 1969.
VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Clinical Medical Sciences Education Facility - Employment of Architects (continued)

Funds for this project have been provided from Item 315-016, Medical Complex, H. B. 531, a Public Health Service Grant and local Hospital funding.

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

IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Harry Gehman Good, Professor Emeritus in the College of Education. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Harry Gehman Good

The Board of Trustees expresses its sorrow at the death on April 11, 1971, of Harry Gehman Good, Professor Emeritus in the College of Education.

Professor Good was born July 14, 1880, in Lancaster, Pennsylvania. He received his A.B. degree in 1909 from Indiana University and his Ph.D. degree in 1915 from the University of Pennsylvania. He joined the faculty of The Ohio State University for the summer of 1920 and then permanently in 1922 as Professor of the History of Education. He served with distinction in that capacity for twenty-eight years. Upon his retirement on June 30, 1950, he was named Professor Emeritus.

During his long career as a teacher, first in the public schools of New Jersey and Pennsylvania and later at six universities, he attained a reputation of distinction as a writer of the history of education, as well as in the other dimensions of scholarship and teaching. His writings, under nearly 100 titles include two widely used textbooks, The History of Western Education and The History of American Education.

Following his retirement Professor Good prepared a volume of 306 pages entitled The Rise of the College of Education (at The Ohio State University) which was published by the College of Education in 1960. In this account which roughly corresponded to the period of the first half century of the College, Professor Good assembled a valuable record of organizational and major program developments which was intended, not as a complete history of the College, but as an interpretation of its pattern of early development.
June 4, 1971 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Harry Gehman Good (continued)

Professor Good earned the enviable reputation among historical scholars as a faithfully authoritative worker and a penetrating analyst of education both in its institutional structure and in its substantive significance. His early concern with the main cultural trends and issues underlying education led his major students themselves to continue his leadership of thought in this field.

On behalf of the University, the Board of Trustees expresses to his three daughters and their families its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be sent to each of the daughters as a humble expression of the Board's heartfelt sympathy in their bereavement.

X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held May 21, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on May 21, 1971:

That the request for approval of a new degree, Associate in Applied Science in agricultural technologies, submitted by The Ohio State University is hereby approved, provided that individual degree programs are to be submitted for approval as they are developed for introduction into the instructional program of the Agricultural Technical Institute.

B. Report on the University's Investment Portfolio

The report dated June 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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

Attest:

Edward Q. Moulton
Secretary

James W. Shocknessy
Chairman
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)
Revisions of Rules 35.07 and 49.03 of Rules for the University Faculty

The Faculty Council on May 11, 1971, approved revisions in Rules 35.07 and 49.03 of Rules for the University Faculty. The text of the Rules as revised is as follows:

35.07. Marks.

EM--Examination

Section 1. This mark indicates credit given to students registered in the University on the basis of examinations taken prior to or after admission to the University. The level of achievement which must be demonstrated by the student on these examinations in order to receive EM credit shall be determined by the Department or School in which the course for credit is being given is taught. This credit, up to a maximum of 45 quarter credit hours, or of 70 quarter credit hours in the case of students registered in the School of Nursing who have completed diploma nursing programs and are licensed registered nurses, shall be assigned only upon the authorization of the Chairman of such Department or the Director of such School and with the approval of the Executive Committee of the College in which the student is registered. Additional examination quarter credit hours may be assigned in the same manner but only with the prior approval of the Council on Academic Affairs.

Section 2. Examination credit shall not be given to a student for a course in which he has received a mark at this University. No credit points are allowed for courses in which a mark of EM is given.

- o -

49.03. Requirements for Undergraduate Degree.

g. Waiver of any part of this Rule (49.03) in the case of individual students may be made only by the Council on Academic Affairs following prior approval by the Executive Committee of the College. The Provost and Vice President for Academic Affairs shall transmit all affirmative actions of the Council on Academic Affairs under this section to the Secretary of the student’s college and to the Registrar for notation on the student’s permanent record.

- o -
APPENDIX XI

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 11, 1971
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.
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>Degree</th>
<th>Year</th>
<th>Field of Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Emil Becker</td>
<td>Rosemount, Minn.</td>
<td>B.S. in Edu., M.A.</td>
<td></td>
<td>Physical Education</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Thomas George Bedeski</td>
<td>Kanata, Ont., Canada</td>
<td>B.A. (Saint Francis Xavier University)</td>
<td></td>
<td>Physical Education</td>
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<td></td>
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<tr>
<td>Kostie Alexander Belcheff</td>
<td>Oberlin (University of Arizona)</td>
<td>B.S. in Edu.; M. Mus. Ed.</td>
<td></td>
<td>Physical Education</td>
</tr>
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<tr>
<td>James William Bell</td>
<td>Cincinnati (University of Cincinnati); M.Ed. (University of Arizona)</td>
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<td></td>
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<tr>
<td>Ethelbert Courtland Barksdale</td>
<td>Arlington, Tex.</td>
<td>B.A. (Arlington State College); M.A.</td>
<td></td>
<td>Industrial Engineering</td>
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</tr>
<tr>
<td>Richard John Bober</td>
<td>Wickliffe (Catholic University of America)</td>
<td>M.A. (University of California)</td>
<td></td>
<td>Classics</td>
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<tr>
<td>David Karl Binau</td>
<td>Columbus</td>
<td>B.S. in Edu., M.A.</td>
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<td>John Blaha</td>
<td>Franklin Square, N. Y.</td>
<td>B.S. (State University of New York, Stony Brook); M.A.</td>
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<td>Richard Wentworth Beck</td>
<td>Columbus</td>
<td>B.S. in Edu., M.A.</td>
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<td>Steven Ivan Baskin</td>
<td>Monterey Park, Calif.</td>
<td>Pharmacy Degree (University of Southern California)</td>
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<td>Nancy Jean Baldwin</td>
<td>Cuyahoga Falls</td>
<td>B.S. in Edu. (University of Akron); M.S. (University of California)</td>
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<td>Ethelbert Courtland Barksdale</td>
<td>Arlington, Tex.</td>
<td>B.A. (Arlington State College); M.A.</td>
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<tr>
<td>John Calvin Barton</td>
<td>Columbus</td>
<td>B.S. in Edu., M.A.</td>
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<tr>
<td>Thomas George Bedeski</td>
<td>Kanata, Ont., Canada</td>
<td>B.A. (Saint Francis Xavier University)</td>
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<td>Physical Education</td>
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<td>Kostie Alexander Belcheff</td>
<td>Oberlin (University of Arizona)</td>
<td>B.S. in Edu.; M. Mus. Ed.</td>
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<td>Physical Education</td>
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<tr>
<td>James William Bell</td>
<td>Cincinnati (University of Cincinnati); M.Ed. (University of Arizona)</td>
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<td>Ethelbert Courtland Barksdale</td>
<td>Arlington, Tex.</td>
<td>B.A. (Arlington State College); M.A.</td>
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<td>Industrial Engineering</td>
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<td>Richard John Bober</td>
<td>Wickliffe (Catholic University of America)</td>
<td>M.A. (University of California)</td>
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<td>Classics</td>
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<tr>
<td>David Reese Bohnke</td>
<td>Columbus</td>
<td>B.S. (Slippery Rock State College); M.A. (University of Iowa)</td>
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<td>Physical Education</td>
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</table>
Anthony Adrian Boiarski Dayton
B.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

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B.A. (University of Akron); M.A.
Dissertation: Units in Speech Perception
Field of Specialization: Linguistics

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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 Arsinic Oxides and Sulfides
Field of Specialization: Chemistry

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)
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

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

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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 Dragunas Beverly, Mass.
A.B., Ed.M. (Boston University); M.A. (Middlebury College)
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 Itapetiningas 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

Joaquin Jose de Carmargo Engler Piracicaba, S. P., Brazil
Eng.Agr. (Escola Superior de Agricultura Luiz de Queiroz); Doutor Agr. (University of Sao Paulo); M.S.
Dissertation: Alternative Enterprise Combinations under Various Price Policies on Wheat and Cattle Farms in Southern Brazil
Field of Specialization: Agricultural Economics and Rural Sociology

Daniel Allen Faik 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, 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 Golicic 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 Hauk  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 Hewener  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

Rolin Dean Jauchius  Worthington
B.A., M.A.
Dissertation: Gubernatorial Roles: An Assessment by Five Ohio Governors
Field of Specialization: Political Science

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--1957-1949
Field of Specialization: History

A.B. (Toccoa 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

Mairie 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 Dowol LeSage, Jr. Powell
B.S., M.A. (Marshall University)
Dissertation: Accountability - The Release of School-by-School Comparative Test Data
Field of Specialization: Education

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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 Linmon 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

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B.S., M.S.
Dissertation: Metabolism of Photosynthetically 14C Labeled Sugars in Developing Soybean Seeds
Field of Specialization: Botany

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B.A., M.S.
Dissertation: Revisionary and Population Studies in the American Aquatic Plant Genus Pontederia L.
Field of Specialization: Botany

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Dissertation: The Use of Selected Concepts of Art Criticism in the Preparation of Pre-Service Art Teachers
Field of Specialization: Art Education

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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: Interests 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 Maros Piracicaba, S. P., Brazil
Eng.Agr. (Escola Superior Agricultura de Luiz de
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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);
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Dissertation: Characterization of Selected Microorganisms
Recovered from the Human Genitourinary Tract
Field of Specialization: Microbiology

Donald Emmett McHugh Dayton
B.N. (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 Memahey, 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.E., M.E.
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

B.Ch.E. (Cornell University); M.S.
Dissertation: Acid Mine Drainage: A Mathematical
Model
Field of Specialization: Chemical Engineering

John Bright Mulvany 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.Agri.Eng., M.S. (University of Missouri)
Dissertation: Streamflow Regulation with Pumped
Storage Reservoirs in Northwest Ohio
Field of Specialization: Agricultural Engineering

Margot Schenot 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

Annamal 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 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.
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 Preusel Loysburg, Pa.
B.S. (Pennsylvania State University); M.A.
Field of Specialization: Anthropology

Harvey Reanick 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 Ospre Richard Columbus
B.S. (Southern University); M.S. (University of Wisconsin)
Dissertation: A Comparative Study of the Digestive Systems of Cambarincola philadelphica (Leidy, 1850) and Xironodrilus 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

Evelyne 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. (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 Sehnhrt  Benton, Ark.  
B.S. (University of Arkansas); M.S. (Tulane University)  
Dissertation: Minkowski’s Conjecture in Three Dimensions over the Fields \( \mathbb{Q}(i) \) and \( \mathbb{Q}(e^{2\pi i/3}) \)  
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. (Tuaskeege 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 Respirations 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 \( \alpha^2 \mathrm{B} \)  
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  

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  

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Paul Webster Thomas  Charleston, W. Va.
B.S. in Ed. (Miami University); M.Ed.
Dissertation: Educational Facility Planners: A Study of
Their Present Status and Future Role
Field of Specialization: Education

Hasime Tokesi  Piracica, 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)
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.Ec., 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 Ovidia Schradle, Des Plaines, III.
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

Audini 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

Sabina Annette Borkowski, Columbus
B.A. (University of Wisconsin)
Field of Specialization: Political Science

Anita Rodwell Burt, Durham, N.C.
B.A. (Meredith College)
Field of Specialization: Education

Cherie Toll Bottem, 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 Girton 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 German Brittson, 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

Caroline Marie Burkhardt, Dayton
B.S. (Edgecliff College)
Field of Specialization: Education

Charley Wheeler Burr, Columbus
B.A. (Marietta College)
Field of Specialization: Education

561
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 Calboun, 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*

David 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. (Chaboty 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 Dembly, 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 Carl 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 Dohogne, 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, Haverton, Pa.  
A.B. (Randolph-Macon Woman's College)  
*Field of Specialization: Dance*

James Edward Drummond, Chillicothe  
A.B. (Ashbury 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*

Alleta 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 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 Giannenos, 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 Gitschier, Hicksville, N. Y.
B.S.P.S. (Georgetown University)
Field of Specialization: History

Cynthia Rayvis Godefsky, 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 Craig 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 Havekosts, 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 Pecile 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

Hasan Ibrahim Husseini, Riyadh, Saudi Arabia
B.A. (American University of Beirut)
Field of Specialization: Journalism

Robert Dale Ikees, Huntington, Ind.
A.B. (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 Johansen, 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 Kinmin, 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 Knibbeley, Delaware
B.A.Ed. (Fairmont State College)
Field of Specialization: Education

Yasuhide Kobayashi, Hiroasaki, Japan
B.A. (University of Wisconsin)
B.Ed. (Hiroasaki 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 Koval, Lancaster
B.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
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>Field of Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barbara Knauss Lechner</td>
<td>Granville</td>
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<tr>
<td>Andrew Clare LeCompte</td>
<td>Plainfield, N. J.</td>
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<tr>
<td>Linda Marlene Levine</td>
<td>Columbus</td>
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<tr>
<td>Andrea Lewin</td>
<td>Columbus</td>
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<tr>
<td>Peter Lloyd</td>
<td>Manchester, England</td>
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<td>Mary Guernsey MacVicar</td>
<td>Columbus</td>
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<td>Edward Daniel Manley</td>
<td>Toledo</td>
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<tr>
<td>Rafaela Joaquin Lowden</td>
<td>Westerville</td>
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<td>Mary Guerney MacVicar</td>
<td>Columbus</td>
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<td>Mary Elizabeth McShane</td>
<td>Portsmouth</td>
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<td>Robert Kenneth Melquist</td>
<td>Columbus</td>
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<tr>
<td>Zorianna Motria Paschyn</td>
<td>Lorain</td>
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<td>Judith Dailey Murray</td>
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<td>Souhail Nassib Nemer</td>
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<td>Timothy Robert O'Brien</td>
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<td>Nelson Jose Acree</td>
<td>Rio de Janeiro, Brazil</td>
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<td>Gerald Olivo</td>
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<td>Kathryn May Olsen</td>
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<td>Ruth Moody McDonald</td>
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<td>Timothy Ivan Maurer</td>
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<td>Eleanor Grace McKee</td>
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<td>Rhoda Elizabeth McShane</td>
<td>Miami University</td>
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<td>Robert Kenneth Melquist</td>
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<td>Mary Ann Reinhard</td>
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</table>
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 Riner, Minford
B.S.Ed. (Ohio University)
Field of Specialization: Education

Richard Robinson, Jr., Monroe, La.
B.A. (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 Frenkel Schlom, 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 Helman 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 Sheets, Jr., Kahului, 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 Eileenberg 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 Stimpfel, Upper Sandusky
B.S. in Edu.
Field of Specialization: Education

Dona Griffith Stinziana, 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 Resse 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, Berkeley, Mich.
B.S. (Eastern Michigan University)
Field of Specialization: Education
Louise VanVleet, Columbus
B.S.
Field of Specialization: Speech
Sherry Stinecker Vastbinder, Fairborn
B.S.
Field of Specialization: Education
James Mebollin 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
Rosenz 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.
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

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

B.S.E.E. (Virginia Polytechnic Institute)  
Field of Specialization: Business Administration

Ronald Alexander Sampson, Lavaile, Md.  
B.S. (Purdue University)  
Field of Specialization: Business Administration

Robert Henry Schreiber, Columbus  
B.S.E.E. (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. (Rensselear 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

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

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 McKe, 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 Zinsner, 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)
Master of Public Administration

Three candidates

Michael Jerome Gable, Rocky River
B.A. (Miami University)  
Field of Specialization: Public Administration

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

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.A.E. (University of Cincinnati)
Field of Specialization: Aeronautical and Astronautical Engineering

Carl Press Bosel, 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

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 Bradman, Columbus
B.S. (Allegheny College); M.D.
Field of Specialization: Psychiatry

1 Also Bachelor of Civil Engineering, College of Engineering
2 Also Doctor of Optometry, College of Optometry
3 Also Bachelor of Industrial Engineering, College of Engineering
4 Also Bachelor of Electrical Engineering, College of Engineering
5 Also Bachelor of Electrical Engineering, College of Engineering

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 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

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

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.A.E. (University of Cincinnati)
Field of Specialization: Aeronautical and Astronautical Engineering

Carl Press Bosel, 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

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 Bradman, Columbus
B.S. (Allegheny College); M.D.
Field of Specialization: Psychiatry

1 Also Bachelor of Civil Engineering, College of Engineering
2 Also Doctor of Optometry, College of Optometry
3 Also Bachelor of Industrial Engineering, College of Engineering
4 Also Bachelor of Electrical Engineering, College of Engineering
5 Also Bachelor of Electrical Engineering, College of Engineering
Julia May Brakel, Worthington
B.S.
Field of Specialization: Zoology

Jay David Brilliant, Worthington
B.A. (Temple University)
Field of Specialization: Dentistry

Earl Bruce Brookbank, III, Lehigh, Penn.
B.E. (Columbia University); M.E. (Duke University, Canada)
Field of Specialization: Mechanical Engineering

Ronald Alan Brown, Caldwell
B.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

Jesef John Burton, Columbus
A.B. (University of Rochester); B.A. (Trinity 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 Ezio Cates, Columbus
B.A. (Ohio Northern University)
Field of Specialization: Computer and Information Science

Aniya Kumar Chakraborti, 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., M. (University of Cincinnati)
Field of Specialization: Allied Medicine

Pradit Charoenbait, Bangkok, 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

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B.S. (Union University)
Field of Specialization: Allied Medicine

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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
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Field of Specialization: Agricultural Education

Michael Stuart Coaklin, Birmingham, Ala.
B.S. (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

B.S. (Marietta College)
Field of Specialization: Mathematics

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B.S. in Agr. (University of Kentucky)
Field of Specialization: Animal Science

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Field of Specialization: Physics

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B.S. in Eng. S. (Case Western Reserve University)
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Lucien Louis Debruge, Dayton
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Bill Frank Dennis, Columbus
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Martha Buckner Dingee, Springfield
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Michael Anthony Dimatteo, Kettering
Field of Specialization: Electrical Engineering

Robert Paul Draim, Reynoldsburg
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Thomas William Kovac, Cleveland  
Field of Specialization: Civil Engineering  

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1 Also Bachelor of Science in Physics, College of Engineering  
2 Also Bachelor of Civil Engineering, College of Engineering

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Field of Specialization: Electrical Engineering

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Field of Specialization: Microbiology

1 Also Bachelor of Mechanical Engineering, College of Engineering
2 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

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Terrance Lee Schneider, Springfield B.A. Field of Specialization: Allied Medicine

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Ray Eugene Showman, Columbus B.S. Field of Specialization: Botany

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Horace Smith, Clarkston, N. C. B.S. (Virginia State College) Field of Specialization: Agronomy

Richard Franklin Snyder, Perryville Field of Specialization: Electrical Engineering

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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

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\footnote{Also Doctor of Medicine, College of Medicine}

\footnote{Also Bachelor of Chemical Engineering, College of Engineering}
B.S. (Carnegie-Mellon University)
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Alain Joseph Vaillancourt,
Sherbrooke, Que., Canada
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Michael Princep VanDerWienen,
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Field of Specialization: Mechanical Engineering
Frank Joseph Varga, Jr., Crestline
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Rio Piedras, Puerto Rico
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David Paul Vogel, Gowarda, N. Y.
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Steven Edward Walker,
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Field of Specialization: Chemistry
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B.S. (Heidelberg College)
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Nancy Maan-Mei Wang,
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Field of Specialization: Computer and Information Science
Shin Min Patrick Wang,
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B.S. (Fujen Catholic University)
Field of Specialization: Mathematics
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Field of Specialization: Botany
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B.S. in Agr.
Field of Specialization: Natural Resources
Philip McKirgan Wells, Lima
B.A. (Miami University)
Field of Specialization: Allied Medicine
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B.S. (Bowling Green State University); M.D.
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Kenneth Earl Wilkes, Columbus
B.S.M.E. (Duke University);
M.S.M.E. (Purdue University)
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B.A.
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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 Allulis,
San Diego, Calif.
B.A. (Whittier College)
Field of Specialization: Social Work
Nicholas Royal Baldwin,
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Field of Specialization: Social Work
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Field of Specialization: Social Work
Estelle Jane Baskerville, Columbus
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Paula Siebert Bohl, Monroe
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William Anthony Bohnert, Columbus
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Pamela Jane Noyes Bolton,
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Richard David Benfield, Zanesville
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Sister Jeannette Borchers,
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Gwendolyn Phelps Frater,
Vicksburg, Miss.
B.A. (Tougaloo College)
Field of Specialization: Social Work
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degree(s)</th>
<th>Field of Specialization: Social Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sharon Lynn Rainsberger</td>
<td>Painesville</td>
<td>B.A. (Baldwin-Wallace College)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Lewis Edward Robbins</td>
<td>Lancaster</td>
<td>A.B. (Franklin College of Indiana); B.D. (Crozer Theological Seminary)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Gayle Caplan Romanoff</td>
<td>Columbus</td>
<td>A.B. (Vassar College)</td>
<td>Social Work</td>
</tr>
<tr>
<td>John Philip Ross, The Plains</td>
<td>Columbus</td>
<td>A.B. (Ohio University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Suzanne Luethi Ross</td>
<td>Granville</td>
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<td>Social Work</td>
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<tr>
<td>Dorothy Brown Ruppanner</td>
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<td>B.A. (Bowling Green State University)</td>
<td>Social Work</td>
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<tr>
<td>Donald Ray Saylor</td>
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<td>Social Work</td>
</tr>
<tr>
<td>Philip Jay Schwartz</td>
<td>Mansfield</td>
<td>B.A.</td>
<td>Social Work</td>
</tr>
<tr>
<td>Clara Quint Shalvoy</td>
<td>Columbus</td>
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<td>Social Work</td>
</tr>
<tr>
<td>Edward George Shea</td>
<td>Rochester, N.Y.</td>
<td>B.A. (Harpur College)</td>
<td>Social Work</td>
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<tr>
<td>Alphonso Simmons</td>
<td>McIntosh, Ga.</td>
<td>B.A. (Fort Valley State College)</td>
<td>Social Work</td>
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<tr>
<td>Helen Jane Smith</td>
<td>Austin, Minn.</td>
<td>B.A. (University of Minnesota)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Marsha Fenc Snyder</td>
<td>Columbus</td>
<td>B.A. (Miami University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Gail Irene Tuber Splaver</td>
<td>Columbus</td>
<td>B.A., B.S. in Educ.</td>
<td>Social Work</td>
</tr>
<tr>
<td>Charlotte Filhart Stoodt</td>
<td>Lima</td>
<td>B.A. (Ohio Northern University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Emily Ruth Stull</td>
<td>Columbus</td>
<td>B.S. in Nur. (University of Michigan)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Stanley John Stalak</td>
<td>Lancaster</td>
<td>B.A. (Millersville State College)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Elaine Nancy Sziedlik</td>
<td>Cincinnati</td>
<td>B.A. (George-town College)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Elissa Eiber Tessier</td>
<td>Cincinnati</td>
<td>A.B. (Syracuse University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Layton Chappell Thomas</td>
<td>Columbus</td>
<td>B.A. (Kent State University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Michele Ellen Montmore Vance</td>
<td>Columbus</td>
<td>B.S. (East Tennessee State University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>James Edward Weigand</td>
<td>Baberton</td>
<td>B.S. in S.S. (John Carroll University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Jonathan Victor Weiss</td>
<td>Wayne, N.J.</td>
<td>B.A. (Catholic University of America)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Evelyn A. Wiejek</td>
<td>Rome, N.Y.</td>
<td>B.A. (Utica College of Syracuse University)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Steven Alan Wolotsky</td>
<td>Middletown, Conn.</td>
<td>B.A. (University of Massachusetts)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Mary Pui-Ching Wong</td>
<td>Kowloon, Hong Kong</td>
<td>B.A. (Our Lady of Cincinnati College)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Twila Rose Zimmerly</td>
<td>Sterling</td>
<td>B.A. (Groshen College)</td>
<td>Social Work</td>
</tr>
<tr>
<td>Gena Ruth Zlatkind</td>
<td>Columbus</td>
<td>B.A. (Rosary Hill College)</td>
<td>Social Work</td>
</tr>
</tbody>
</table>
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

### Bachelor of Arts

Fifteen candidates

- Kent Norman Bower, 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.
- Laura Jill Schatzler, St. Louis, Mo.
- Joseph Edwin Smith, Hillahbe
- Lavala Marie Smith, Columbus
- Gary George Vild, Russell
- Jill Susan Wilberger, 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, Asheville
- 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 Crow, Brunswick
- Elaine Flaherty Deegan, Columbus
- Kenneth David Delor, Sandusky
- Kathryn Christine Dixon, Kettering
- Nancy Cranmer Eichenberger, Toledo
- John Anthony Eilej, Dayton
- Sally Emerson, Park Ridge, Ill.
- Thomas Crawford Foreman, Elyria
- Timothy Toll Frederick, Columbus
- Barbara Kay Garrison, Mansfield
- 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 McCullum 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, Fl.
- 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 Voet 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
Randi Charles Miller, Columbus
Steven Terence Plunkett, Wadsworth

Bachelor of Science
Two hundred and forty-two candidates

Douglas O. Adams, Xenia
Donn Fanion Jonathan Adler, Cleveland Heights
Robin Alan Albert, Beachwood
Bruce Irwin Andrews, Canfield
Kenneth Duane Andracy, Amherst
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 Buoni, Wadsworth
Mark Maxwell Bundy, Cleveland
James Henry Burkholer, Blafton
Glen Mark Burton, Marion
Mignon Marie Bush, Mansfield
Stephan Alan Byers, Columbus
Craig Blake Cairns, Tipp City
Robert James Campbell, Centerville
Murray Alan Cantor, Philadelphia, Pa.
Lawrence Alexander Capitini, Trenton, N. J.

Ross Anthony Caputo, Dennis
Bruce Allen Carey, Marion
Linda Susan Casagrande, Cincinnati
Michael Howard Chema, Youngstown, N. Y.
Robert John Clements, Columbus
Thomas Joseph Conaty, Bellaire
John Ellis Craig, Andover
Marjorie Josephine Crann, Rio Piedas, Puerto Rico
Cailie Corinne Cramer, Columbus
Frederick Randie Crowgey, III, Salem
Howard Stanley Culbertson, Hebron
Candice Blake Dafnard, Columbus
Diana Daune Davis, Middleport
Nancy Lee Davis, Columbus
Martin Robert Delbel, Jr., Columbus
Karen Marie Denwicz, Columbus
Rebecca Elizabeth de Villiers, Mt. Vernon
Joseph Richard DeWitt, South Plainfield, N. J.
Steven Jeffrey Dick, Morristown, N. J.
James Patrick Dillon, Maumee
Patricia Ann Ditrovati, Hillsdale, N. J.
Gregory Lee Duch, Columbus
Ronald Thomas Duff, Youngstown
Richard Edward Duhrkopf, Worthington
Arthur Wayne Edwards, II, Columbus
Donald Eugene Eichelberger, Columbus
Patrick Joseph Erosy, Cleveland
Patrick Joseph Fashay, Evanston, Ill.
Michael Carlton Fair, Fairborn
Jerald Vaughn Feddersen, Jr., Columbus
Charles Philip Fenell, Lyndhurst
Steven Carl Ferber, Chagrin Falls
James William Ferguson, Akron
Robert Edward Finelli, Columbus
Robert Dennis Footer, Chesire, Md.
Marcia Ellen Forbes, Mentor
Randall Steven Frederick, Dunkirk
Christopher James Froliking, Cleveland
Ronald Paul Fullmer, Lima
Mary Michelle Gall, Cincinnati
Elizabeth Kay Garges, Columbus
James Michael Gentile, Poland
Shirley Anne Gilliland, Columbus
Victoria Van Eman Goitz, Columbus
Janet Susan Graeb, Euclid
Gerald Francis Grim, Columbus

Ronald Eugene Grimwood, Jr., Columbus
Jean Ann Grubs, North Canton
James Patrick Hadden, Columbus
Deborah Lee Haire, Mansfield
William Norman Hall, Toledo
Lawrence Dean Hanna, Columbus
Suzanne Usher Hansbauer, Cincinnati
Gene Talmane Henderson, Elyria
Patricia Marie Hentosh, Girard
Therese Huntaker Herford, Columbus
Richard Jay Herman, South Euclid
Harold Edgar Hestand, Columbus
Benjamin Larkin Hicks, Cokesoisville
Jeffrey Howard Hill, Columbus
James Michael Hofaere, Lexington
William Franklin Hoffman, Jr., Columbus
Judith Ann Hoglund, Valley Stream, N. Y.
Richard James Holloway, Euclid
Terry Donald Holzaepfel, Sandusky
Karen Barker Hook, Amherst
Randall Dean Huffman, Arena
Jeffrey Hutson Hughes, Columbus
Timothy Bowler Hutson, Salem
James Lynn Iceman, 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
Jeremy Edward Kaufman, Cleveland
Keith Bradley Keplinger, Dayton
Sanford Richard Kimmel, Scioto
David Paul Kosnosky, Cleveland
Philip Dale Koszimer, 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 Magnuson, Gallipolis
Raymond Daniel Magorian, Wooster
Bethany Bayert Mara, Columbus
Candace Martinson, Lorain
Steven Harris Mattlin, Cleveland
Alan Eugene Maul, Mansfield
Thomas Dale Mayes, Chesapeake

* Also Doctor of Medicine, College of Medicine
Two hundred and four candidates

Bachelor of Arts

College of Humanities

Dean: Arthur E. Adams

James Robert Ainsworth, Columbus
Edward George Bailey, Porto Alegre, Brazil
Herman Jackson Bailey, Lima
Alan John Bandura, Beaver Falls, Pa.
Rebecca Williamson Bates, Columbus
Diana Marie Bembeneck, Curundu, Canal Zone, Panama
Edward Henry Bolte, Jr., Ashtabula
John Eugene Bower, Columbus
Neil Raymond Bronaccio, 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 Bubzy, Columbus
Nicholas John Cardi, Columbus
Dominic Joseph Cavello, Columbus
Lydia Mei Chang, Honolulu, Hawaii
Richard Allen Christman, Columbus
Richard Lee Clark, Berne, Ind.
Robin Kent Clark, Coshocton
Laura Lee Cleveland, Medina
Susan Jon David Garner, Columbus
Donald Ray Goldberg, Columbus
Jacqueline Feldman, Columbus
Anthony James Forster, Columbus
Clarence Merle Foraker, Kettering
Marsha Marilynn Goulder, Columbus
Mary Ann Glass, Mansfield
Rutherford, N. J.
Dianne Garner, Lynn Frost, Rawson
Ilene Fellenbaum, Edmondson, Ironton
Rita Tardiff Long, Chillicothe
Patrice Lee Lyon, Columbus
Julia Mae Marzluf, Columbus
Thomas Paul Mautz, Newark
Michael Phillip McConnell, Columbus
Cecilia Agnes McHenry, Painesville
Barbara Jo Mc Knight, Richwood
Helen Ann Meers, Columbus
Mary Christine Meinhart, Cincinnati
Joanne Frances Meisler, Belpre
Michele Middleton, Columbus
Nancy Lee Morgan, Wickliffe
Rand Lawrence Morrison, Huntington Heights
Susan Barnett Murphy, Bollbrook
don Joseph Nigro, Matvern
Barry Clifton Nutter, Barre, Vt.
Margaret Mary Pacenta, Akron
Anne Elizabeth Paczelt, Cleveland Heights
Anne Galvi Palestrant, Columbus
Terry Lee Parkinson, Columbus
Robert James Paskula, 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, LaFollette, Tenn.
James Philip Romano, Cleveland
Richard Grant Roy, New Lexington
Bruce Harlan Salomon, Beachwood
Michael William Savage, East Liverpool
*Mary Ann Schertzinger, Columbus
Shelley N. Schubach, Franklin Square, N. Y.
*Barbara Ellen Schussheim, East Islip, N. Y.
Robert Mark Selbert, 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

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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 Jack Lee, Columbus
Merle Edwin Morrison, Delaware
Philip Wells Myers, Copley
Joel Marvin Polster,
University Heights
Barbara Wedemeyer Topp, 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 Blame, Columbus
James Edward Brown, Cincinnati
Thomas Otto Butl, Bellaire
Shelia Faee 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 Elberbrook, 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 Howdyshell, Amherst
John Owen Hoster, Columbus
Donald Ray Hules, Shaker Heights
Walter Arthur Hundt, Columbus
Michael Lee Hunter, Grove City
William Anton Ivanice, Hamilton
Jerome Allen Kellner,
University Heights
Ronald Tonghou Khoun, Wooster
Karen Jane Kindler, St. Clairsville
Carl Kotlarchik, Jr., St. Clairsville
Robert James Kuhns, Columbus
Richard Arian Kuseki, Pataskala
David Martin Laitinen, Jefferson
Marilyn Faye Lebbitz, Akron
Marinda Pasadena Li, Columbus
David Allan Loveace, Columbus
Kenneth Charles Maio, Willoughby
Christina Lee McClain, Rocky River
Bonita Arline McIntosh, Youngstown
Gerald Lee Mercier, Grove City
Jayne Elia 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 Palu, Columbus
Nicholas Alan Pequignot, Akenum
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 Rathburn, Bryan
Gary Michael Redenfield, 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 Sevecik, Cleveland
Darlene Sue Shamer, Westerville
Carolyn Jane Shaw, Bay Village
Lawrence Thomas Shirk, Euclid
Jack Anthony Simines, Columbus
Jeffrey Lee Smith, Columbus
Cheryl Fahnestock Smyser, 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
Don 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

Ann Maria Bouie, Ostrander
Michael Thomas Boye, Westerville
James William Bray, Norton
Elizabeth Anne Brenner, Cuyahoga Falls
Edwin Howard Breyfogle, Massillon
Robert Jeffrey Brickwich, 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 Bash, 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
Illa 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, Delray
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 Dentune, Columbus
Frederick Joseph Diamond, Sycoset, N. Y.
Maria Celia Dihanedetto, 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., Ironon
Christopher Arthur Dunkel, Canton
Louis Alan Duques, Marblehead, Mass.
Charles Weaver Day, Mansfield
Michael Page Dye, Shiloh
Beth Marie 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 Fallow, Columbus
Nee 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 Fuji, Powell
Ava Lee Garrett, Bayside, N. Y.
Linda Gayle Gibbons, San Antonio, Tex.
Richard Louis Gilbert, Columbus
William Sam Gimian, Oak Park, Mich.
Robert Gordon Glass, North Canton
Rex Bennett Glickman, Elyria
Ronald Adams Glover, Westerville
Michael Richard Gluck, Cleveland
Alan Joseph Goga, Akron
Helix King Goga, Blanchester
*Marilyn Sue Gold, Dayton

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 Agier, Columbus
Carl Michael Akers, St. Albans, W. Va.
Richard Karl Amstadt, Akron
Robert John Anderson, Toledo
James John Ankowski, Columbus
David Louis Arint, 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 Joan Beebe, Columbus
Cathy Jo Bemath, 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

*Dennis Walther Bouge, Cincinnati
†Floyd Walter Bouge, Columbus
†Ann Maria Bouie, Ostrander
Michael Thomas Boye, Westerville
James William Bray, Norton
Elizabeth Anne Brenner, Cuyahoga Falls
Edwin Howard Breyfogle, Massillon
Robert Jeffrey Brickwich, 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 Bash, 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
Illa 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, Delray
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 Dentune, Columbus
Frederick Joseph Diamond, Sycoset, N. Y.
Maria Celia DiHanedetto, 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., Ironon
Christopher Arthur Dunkel, Canton
Louis Alan Duques, Marblehead, Mass.
Charles Weaver Day, Mansfield
Michael Page Dye, Shiloh
Beth Marie 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 Fallow, Columbus
Nee 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 Fuji, Powell
Ava Lee Garrett, Bayside, N. Y.
Linda Gayle Gibbons, San Antonio, Tex.
Richard Louis Gilbert, Columbus
William Sam Gimian, Oak Park, Mich.
Robert Gordon Glass, North Canton
Rex Bennett Glickman, Elyria
Ronald Adams Glover, Westerville
Michael Richard Gluck, Cleveland
Alan Joseph Goga, Akron
Helix King Goga, Blanchester
Marilyn Sue Gold, Dayton

† Also Certificate of Graduate Dental Hygiene, College of Dentistry
* Also Bachelor of Science in Education, College of Education

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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 Gurnian, Columbus
Steven Gregory Hafe, 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
John Corbett Hosler, Columbus
Evelyn Joan Jacob, Middletown
Pamela Peter Jacob, Cincinnati
Deborah Ann Kohn, Mayfield Heights
James Howard Koplik, New Rochelle, N. Y.
Dian Elieser Korenberg, Columbus
David Charles Kovanda, Cleveland Heights
James Harry Kraemer, Cincinnati
Harvey Kay Kranz, Youngstown
Edith Evelyn Kroo, Hyattsville, Md.
LeRoy Marshall Kutz, Columbus
Carol Landy, North Woodmere, N. Y.
Ronald Axe 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 Lyle, 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
Mary Jane McFadden, Columbus
Henry Meyer, Cleveland Heights
John Paul Migliaccio, Uniondale, N. Y.
John Arthur Mikilka, Fairview Park
Patricia Moye Miller, Columbus
Bert Alexander Milikin, Columbus
Alan Jeffrey Mints, 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, Cambridge
Helen Marie O'Neil, Akron
Maurine Louise Outzall, Columbus
Gary Drucker Palestrant, Columbus
John Joseph Papa, Columbus
David Bradley Pariser, Columbus
Ellen Catherine Patterson, Cincinnati
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 Platt, Columbus
Patrick Edward Piccenti, Columbus
Alan Reed Place, Elmira, N. Y.
Glen Michael Poling, Van Wert
Herbert Frank Primoch, Jr., Columbus
Deborah Wynne Pritchard, Huntington, W. Va.
John Howe Pritchett, Columbus
William Milton Pruett, Cincinnati
Ruth Ellen Purdy, Windham
Elia Lou Ramsey, Glen Ellyn, Ill.
Cassandra Elizabeth Rasor, Youngstown
Jerrol Lynn Rhoton, Delaware
Paul Frank Ricciardo, Orange Village
George Theodore Rich, Bellefontaine
James Stephen Richardson, Parma Heights
John Vinson Richardson, Jr., Columbus
Vicki Durnford Rishebarger, Cincinnati
Alan Weir Roberts, Lyndhurst
Cynthia Marie Rogo, Breezerville
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 L. 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 Scharaeger, Glencoe, Ill.
Mary Beth Schumacher, Amarillo, Tex.
Judy Ann Schwebel, Youngstown
Charles Varley Schwener, Columbus
John Charles Sebenero, Upper Sandusky
Ronald William Seymour, Hebron
Michael Alan Shapiro, Cleveland
Lloyd Hall Shepp, Jr., Marietta
Timothy John Sheenan, Cincinnati
Susan Celestia Shepard, Columbus
Eugene Francis Shiller, Cleveland
Donna Lynne Shivelhod, Vandalia
Caryn Fuller Shoshmaker, Minford
Gregory Monroe Shreve, Hilton Head Is., S. C.
Lawrence E. Silver, Belleville, N. J.
Margaret Lynn Simpson, Worthington
Robert William Slezak, Breadwood Heights
Robert Gregory Smith, Columbus
Joseph Eugene Snively, 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 Spitzer, Bowling Green
John Joseph Spisato, Syracuse, N. Y.
Gregory Donald Steen, Worthington
Mark Oliver Stevens, Poland
Sue Wright Stroebel, Columbus
Dale Edward Styinski, 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 Toberge, Jr., Mansfield
David Tobin, East Liverpool
Jeffery Allen Topps, Paramus, N. J.
Helen Sophia Tornik, Columbus
Peter Frank Tortorel, Syosset, N. Y.
Alan Jay Treinish, South Euclid
Susan Miorarti Trembly, Doylestown
Steven Donald Turces, Columbus
Donald Lee Tussing, Baltimore

James Edwin VanFossen, Columbus
Charles Joseph Vargo, Toledo
Douglas Mende Waldo, Columbus
Barry Alan Walter, 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, Huntingburg, N. Y.

Elaine Marie White, Columbus
Jan Andre White, Harrisburg, Pa.
Alan Vernon Wieder, Cleveland
Charles Lewis Wien, Cleveland
Marecia 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 Weideck, 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, Paintsville
Gary Lynn Barringer, East Liverpool
Richard Berger, Columbus
Bryan Richard Blackwell, Columbus
Mary Ann Boltridge, 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 Celmer, Heath
Deborah Antoinette Chitwood, Sylvania
Thomas Herbert Croui, Toledo
Lawrence Earl Cunningham, Columbus
Thomas Michael Dafnos, Dayton
John Francis Dietrich, Bayonne, N. J.
Louise Ann Douce, Washington Court House
Thomas Edward Duryea, Wellington
Paul Michael Egleston, Portsmouth
John Newton Ely, Kettering
John Stephen Fawcett, Westerville
Marguerite Elizabeth Ferazzano, Columbus
Thomas Reynolds Foster, Venetia, Pa.
Jerold Marc Frankel, Toledo
Jerry Alan Friemuth, Ottoville
Jerome Martin Gotthardt, Lima
Linda Kay Graham, New Carlisle
Michael Alan Greenwald, South Euclid
John Peter Guihi, 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 Keremofsky, Columbus
Robert Alan Kooris, Wyoming
William Stanley Lisle, Columbus
Thomas Leonard Marvin, Ravenna
Diane Crierer 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
Bachelor of Arts in Journalism
Forty-five candidates

Mary Irene Beschenbossel, Alexandria, Va.
Karen Sue Brown, Columbus
Larry Loring Burris, 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 Kopriver, 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.
Milan 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 Askergen, 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
Joe David Bentz, Fostoria
Ann Vollrath Bigelow, Marysville
Roger Lee Bigelow, Marysville
Robert William Binns, Columbus
Randall Jay Blair, Ironton
Lawrence Allan Blazar, Columbus
Gordon Herdette Booze, Fredericktown
Mark Stephen Borden, Cleveland Heights
John William Bottruff, Xenia
James Frank Brado, Lexington
Susan Diane Brauman, New York, N. Y.
Kenneth Harold Breese, New Lexington
Mark Laurent Broach, Parma Heights
Theresa Louise Bruck, Dayton
John William Bruzgume, Oregon
Lawrence Bartch Brundrett, Troy
Daniel Thomas Burkhart, Woodfield
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
Lawrence 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.
John Henry Nettgen, Columbus
Earnest Otto Neumann, Columbus
Douglas Marsh Newton, Cherry Hill, N.J.
Dennis Richard Oehnauff, Berlin Center
Patrick Joseph O'Kane, Columbus
Mario Rene Padilla, Columbus
Aldo Thomas Paololetti, 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, Roelyn, N.Y.
Joyce Noel Presgrave, Rochester, N.Y.
Gary Lee Price, Spring Valley, N.Y.
Ronald Franklin Reinke, Columbus Station
James William Reker, Mayfield Heights
Carl 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 Rosclman, Liberty, N.Y.
David Alan Ross, Cleveland
James Barry Ross, Hewlett, N.Y.
Michael Frederick Ross, Columbus
Jerry Lee Rudisill, Westerville
Ronald Walter Ruodele, Worthington, B.M.E.
Diane Lee Russell, Columbus
Raul Albert Ruz, Merida, Mexico
Steven Dean Rzuciska, Columbus
Charles Michael Sabino, Columbus
Gerald William Sager, Ottawa
Dale William Schimming, Parma
Glenn Keith Schneider, North Canton
Larry William Scholik, Lorain
Gerard Philip Schroock, 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
Kenneth Simon, Cleveland
Bruce Randall Smith, Gallipolis
Robert Brian Spreng, Loudonville
Stephen James Stanford, Toledo
Kenneth Joseph Stoffer, Poland
David Bruce Stokes, Heath
Lawrence Bayan Stubbefield, 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 Tellinghusen, Columbus
John Lee Tester, Hazel Green, Ky.
Curtis Dean Thorkelson, Raymond, Minn.
Alan Robert Travaglanti, Brecksville
Steven Allan Tritle, Camillus, N.Y.
Albert Ross Trombetti, Steubenville
Larry Allen Umbel, Columbus
James Louis Vargas, 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 Arboagast, Bridgeport
Richard Eugene Ayers, Mansfield
Susan Kay Ayers, Chagrin Falls
Rochelle Joy Bagan, Chicago, Ill.
Marylin 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 Butteress, Columbus
John Hadden Callard, Columbus
Marlyn Cantisano, Rochester, N.Y.
Patirock Joseph Ciliberto, Wickliffe
Judith Kay Clapsaddle, Naples, Fla.
Richard David Cohen, Canton
Shelley Ann Conley, Kettering
Donna Flaxman Crapser, Springfield, N.J.
Deborah Susan Crawford, Columbus
Cynthia Ellen Dalboch, 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
Bachelor of Science in Agriculture
Two hundred and sixty-seven candidates

Michael Dwight Adams, Cincinnati
Mary Louise Grimes Andrzejewski, Massillon
John Wayne Archer, Columbus
Myron Glenn Ashcraft, Warsaw
Dennis Kent Baker, Bradford
Larry Frank Ball, Columbus
David William Ballinger, Hicksville
Jerry Robert Bambauer, New Bremen
Robert Wayne Barb, New Albany
Robert Charles Barret, Delphos
Henry Michael Bartholomew, Stoutsville
James Raymond Baum, Canal Winchester
Larry Alan Bechtel, Fredericktown
Benny Losh Beckett, Oregonia
Colleen Ray Beckett, Oregonia
Robert Charles Beckman, Ashville
Yvonne Marie Bellay, Bristolville
Stephen Perry Bennett, Worthington
John Francis Beuler, Mineral City
Timothy Ralph Bigler, Shreve
William Edward Blazer, North Lewisburg
Brian Scott Bedarke, Canton
Jill Kathleen Bognar, Ashbula
James Marion Borchert, 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, 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, Chandlersville
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
Philip Eric Dawson, Plymouth
John Robert Dobkins, Barberville
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 Fetters, 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 Gable, 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 Vernon 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
Glen Arthur Haweman, Defiance
Decatur, Mich.
David Richard Hayes, Arcanum
David Lee Helberg, Okolona
Kenneth Paul Heilman, Wapakoneta
Martin David Hemminger, Sandusky
David Wendell Higbee, 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, Barnevale
Bradford D. Huffines, Gahanna
James Cooper Hutchins, Worthington
Gary Fred Hutt, Bronx, N. Y.
Jeffrey Joseph Jackman, Cleveland
Larry Edwin Johnson, Belpre
Gene Allen Juniper, 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 Laey, Wilmington
John Loren Latimer, Geneva
David Thomas Lee, Westerville
Charles Thomas Lehrer, 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 Lutman, Anna
Luther Thomas Maddox, Jr., Middletown
Mallary L. Mason, Wilmington
William Mark Massey, Maita
David Earnest 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 Mecling 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 Nicholson, Lima
Dwight Clarence Niese, Leipsie
Michael Leroy Notestone, Chillicothe
Wayne Kenneth Ober, Newton, Mass.
Donald Lee Oberlinter, Venedocia
Lynn Edward Overtake, Hillsboro
John William Padley, Cincinnati
Douglas Thompson Paine, Columbus
David Rangelor Peebles, Edgerton
Albert Alan Penn, Mt Gilead
Gary William Perdue, Xenia
Randall Carl Peterson, Eastlake
William Howard Phillipi, Orwell
James Lee Piper, Dorset
Ted Eugene Potter, 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 Reiselt, Plain City
Ronald Keith Rice, Marysville
John Karl Riker, Bowling Green
Roy Douglas Roach, Defiance
Marvin Lee Roberts, Canton
Thomas John Roetgerman, Minster
Charles Evans Ross, Mansfield
Wayne Alan Ross, Lorain
Thomas Martin Routh, Huron
Roger Keith Rufener, Clarington
Patricia Ann Ruppert, Dayton
Jane Eleanor Sample, Broadway Heights
Gary Thomas Schimelpfenig, Wadsworth
Dean Richard Schleppi, Westerville
Francis Joseph Schwamburger, 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 Sieffker, Columbus Grove
John Edward Sieffker, Columbus Grove
Duane Leland Siegenthaler, West Liberty
William Samuel Simpson, Dayton
James Charles Skeels, 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 Alonso Spencer, Jr., Salem
Thomas Milan Stancel, Tiffin
Kenneth Ordel Starkey, Oak Harbor
James Lester Starr, Wilmington
Daniel Philip Steed, Radnor
Timothy Paul Stehe, Columbus
Rodney Lynn Stephens, Greenville
James Ronald Stewart, Eaton
Gary Alan Stitzlein, Loudonville
Thomas Jean Stone, Harrison
Thomas Gilbert Svboda, Centerville
Louise Laicher Sweet, Whitpenny, 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 Troy, Dayton
Charles Elliott Tuttle, Columbus
B.A. (Trinity College, Connecticut); M.B.A. (New York University)
Paul Joseph Tverzyak, Chardon
Max Martin VanBuren, Tiffin
Linda Susan Vance, Orient
Thomas George Vanden Eynden, Cincinnati
John Wayne Waiters, Carrollton
Jon Carroll Warner, Arcanum
Thomas Stephen Wescott, 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 Louis Widman, Fremont
Avery Hubbard Wilcox, II, L'Grange
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 Woliam, Worthington
Leah Mae Wright, Pierpont
Kathleen Ann Yanniteit, 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 Shop, Worthington
William Phillip Snow, 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, Hillaboro
Tim Harmon Sower, Columbus
Leon Ray Unterbrink, Glandorf

Bachelor of Science in Nutrition
Two candidates
Ronald Fernand Barriault, Liebon, Me.
John Bruce Basset, 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

1 Also Master of Science, Graduate School
2 Also Bachelor of Science in Education, College of Education
3 Also Doctor of Veterinary Medicine, College of Veterinary Medicine
Susan De Fasio Andryc, Amlin
Rosemary Elizabeth Anthz, Berea
Barbara Kauta Armstrong, Galloway
Celia Ann Atkinson, Columbus
Karen Sue Ault, Caledonia
Marcia Lynne Ayers, Woodville
Patricia Ann Bangs, Worthington
Joyce Elaine Barrett, Marion
Mary Josephine Beam, Xenia
Barbara Ann Benney, Columbus
Shayne Marie Berry, Kinman
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 Bostoff, 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 Jeanette Casto, Columbus
Jill Crites Cooks, Columbus
Deborah Ann Craft, Lake Forest, Ill.
Helen Louise Crumley, Groveport
Alyce Elaine Curtis, Lynn, 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 Erickson, 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 Kangilaski, Columbus
Beverly Jane Keil, Mansfield
Kathryn Muriel King, Cleveland
Roberta Susan King, Millburn, N. J.
Janice Marie Kleman, Ottoville
Kathryn Adelle Koelker, Yardley, Pa.
Donna Steele Korb, Columbus
Luanne Loebroux, Worthington
Irene Ava Mann, Brooklyn, N. Y.
Jo Ann 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 Angelina 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 Philips, Kenton
Karen Kay Phillips, Fredericktown
Lynn Frances Planisek, Wickliffe
Beatrice Amziebel Quaranta, Columbus
Rebecca Reeder, Utica
Cheryl Ann Reppart, Fredericktown
Barbara Jean Riggs, Bryan
Marion Joan Rose, Parma
Roberta Irene Ross, Grover Hill
Joyce Ann Rupert, Worthington
Joanne Louise Scheppman, Woodville
Marilyn Ruth Schild, Columbus
Sandra Kay Schmidt, Anna
Karen Leigh Schmittzahn, Columbus
Cheryl Ann Schulte, Woodville
Mary Jo Schuster, Canton
Carolyn Ruth Scott, St. Paris
Diane Margaret Sell, Columbus

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 Then-Tae Koo, Columbus
Howard Joseph Neff, Jr., Dayton
Brian John Tustian, Atlanta, Ga.
Arthur Hoover Waters, Rocky River
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**Certificate of Graduate Dental Hygienist**

Seventy-seven candidates

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<td>Linda Marie Klapproth</td>
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<td>Carrie Meredith Leedy</td>
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<td>Roberta Frances Lewis</td>
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<tr>
<td>Margaret Peterson Livingston</td>
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<td>Norton</td>
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</table>

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**College of Education**

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Beth Marie Zientek, Swanton  
Rosemarie Zouhary, Toledo

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<th>Bachelor of Science in Education</th>
<th>Bachelor of Arts in Education</th>
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<td>Eight hundred and seventy-one candidates</td>
<td>Eight hundred and twenty-two candidates</td>
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| Mark Glenn Ackerman, Cleveland  
Roberta Jean Ackerman, Columbus  
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Nancy Ann Adams, Lima  
Joanne Patricia Adelstein, Shaker Heights  
Delores Michele Agriesti, Columbus  
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Kathleen Ann Barkan, Massillon  
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Beverly Ann Bartos, Seven Hills  
Wanda Elaine Bayless, Columbus  
Patricia Susan Beull, Columbus  
Regina Ann Beamish, Springfield  
Janet Zimmerman Becker, Norwood  
Susan Gail Belinky, Youngstown  
David Owen Bell, Bellefontaine  
John Thomas Bell, Harpster  
Randolph Stephen Bell, Columbus  
Juan Manuel Benitez, Ecuador  
Shirley Ann Bendik, Parma  
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Roger Christian Kollmer, Columbus
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1 Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Linda Maureen Pinheiro</td>
<td>Steubenville</td>
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<td>Alan Harold Podrid</td>
<td>Glen Oaks, N.Y.</td>
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<td>Brenda Lee Sabados</td>
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<td>Gerald Eugene Simon,</td>
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<td>Julia Anne Sinkey</td>
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<td>JoAnn Somerville, Richmond</td>
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<td>Susan Crozier Speer</td>
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<td>Belinda Jo Spencer, Medina</td>
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</table>

* Also Bachelor of Arts, Colleges of the Arts and Sciences
Patricia Ann Tyler, Parishville, N. Y.

Randall Keith

Richard Joseph Troha, Cleveland

Maxine Groves Underwood, Warsaw

Susan

Joan Elizabeth Tiehen, Wapakoneta

Jill Alane Thornton, Cincinnati

Merriel

Richard James Tilton, Laurel Hover Trimble, Columbus

Susan Jean Thornblade, Scottdale, Gregory Paul Taylor,

Robert Edwin Thornton, Columbus

Carol Rudy Tabery, Dayton

Robert Nolan Thompson, Waverly

Leslie Elisabeth Tauber, Lynn F.

Walter Edson Teeters, Columbus

Julia Marsha Householder

Elaine Harriet Streem, Cleveland

James Russell Stillwagon, Mt. Vernon

Susan Claire Stockdale, New Philadelphia

Roger Calvin Storm, Washington C. H.

John David Stout, Cayahoga Falls

Lindsey Alexander Stout, Columbus

Elaine Harriet Streem, Cleveland

David Neal Stroh, North Olmsted

Mary Frances Stuck, Kenton

David Clair Stults, Bluffton

Nancy Lou Sullivan, North Olmsted

James Edward Swabley, Norwalk

Julia Cline Swank, Worthington

Eddie Roger Swindall, Columbus

Marsha Householder Swinchart, Upper Sandusky

Lynn F. Szabo, Wakeman

Carol Rudy Tabery, Dayton

Leslie Elisabeth Tauber, New York, N. Y.

Gregory Paul Taylor, Lincoln Park, Mich.

Walter Edson Teeters, Columbus

Paulette Sue Tharp, Chardon

Nancy Jean Thompson, Lakeville

Robert Nolan Thompson, Waverly

Susan Jean Thornblade, Scottsdale, Pa.

Jill Alane Thornton, Cincinnati

Robert Edwin Thornton, Columbus

Merriel Sargeant Thorp, Rochester, N. Y.

Jean Elisabeth Tieben, Wapakoneta

Richard James Tilton, Columbus

Pamela Jean Tolbert, Martins Ferry

Susan Elaine Trager, Columbus

*Laurel Haver Trimble, Parma

Richard Joseph Troha, Cleveland

Randall Keith Tschantz, Mansfield

Gloria Louise Tschumper, Columbus

Patricia Ann Tyler, Parishesville, N. Y.

Mary Ellen Anderson Tyus, Columbus

Maxine Groves Underwood, Warsaw

Ruth Ellen Unsworth, Steubenville

Yolanda Urso, Lorain

Susan Mary Vabey, Youngstown

Nancy Ann Valentiner, Dennison

Michele Hebert Vana, Cleveland

Joellen Vandemark, Greenfield

Joseph Byron Vander, Columbus

James Edwin Van Peisen, 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 Fay Walker, Williamsfield

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, Whistente, N. Y.

Stephen Edwin Weitman, Galion

Mary Susan Wenner, Toronto

Roy AlVarts West, Ill.

Anna Dale, Va.

William George Weston, Jr., Eastlake

Paul Dennis Weyand, Columbus

Mary Patricia Weyrer, Marion

Nelson Edward Whaler, Mansfield

Nancy Jane Whitley, Morrow

Kelline Ann White, Columbus

Karen Robbins Whitney, Worthington

Karen Ann Whelby, Lorain

*Teresa Jean Wilkin, Lynchburg

Ted Earsley Wilkinson, Columbus

Constance Ellison Williams, Columbus

JoAnne Cochran Williams, Worthington

Susan Joan Williams, Hilleboro

Deborah Ruth Wilts, Columbus

Charlene Faye Wilson, Lorain

Joyce Ann Wilson, Columbus

Margo Anita Wilson, Columbus

Constance Waggett Wieler, Alliance

Betsy Ann Wolf, 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 Wollinsky, Cleveland

Anita Diane Wolk, Dayton

Lana Elizabeth Wood, St. Marys

Sharon Lee Wood, Columbus

Julia Kramer Wooley, Whitehall

William Eugene Wooster, Columbus

Jerry Lewis Worster, Olmsted Falls

Susan Trout Worthy, Columbus

Michael Harmon Wurta, Delphos

John William Wylie, Columbus

Joan Teresa Yatars, Hicksville, N. Y.

Barbara Ann Boots Yoder, Temple City, Calif.

Joyce Ann Young, Columbus

Laurie Ann Young, University Heights

Cynthia Zachary, Cleveland

Linda Kathleen Zielinski, Bedford Heights

Gloria Mae Ziak, Columbus

Renee Louise Zody, Perryville

Donald Lewis Zollner, Bethel

Dale Paul Zucker, University Heights

Jeffrey Donald Zopp, 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, Cohocton

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 Manning Roberts, Columbus

Edward Burl Ross, Cohocton

Nancy Ellen Sarns, South Euclid

Craig Richard Wilkinson, Van Wert

Karen Jeanne Williams, Hillboro

Gwendolyn Jones Winnard, Columbus

Patricia Ann Worthy, Canton

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

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

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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 Burns, Columbus
Kathryn Kriebshaus Chappell,
North Olmsted
Richard Michael Chitty, Columbus
Sandra Jo Hilbert, Piqua
Thomas Weldon Hill, Columbus
Martha Andres Lang, Columbus
John Dale Lesansky, Mingo Junction
June Lilityen, Westerville
Janet Louise Lutz, Columbus
Mary Lou Zimmerman Meacham,
Mansfield
Mary Elizabeth Owens, Jeffersonville
Rebecca Sue Peppard, Warren
Brenda Kay Portefield, 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 Allene Woodruff, Tiffin
Judith Safstrom Zang, Columbus
Raymond George Ziska, 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 Powelson, 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 Marzesci,
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 Shoaei, 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 Bruning, 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 Draut, 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 Merves, Alliance
Robert Lee Mills, Columbus
Richard Earl Morrical, Columbus
*Harrison Lowe Stebbins, Sylvania
Charles Louis Steel, Franklin
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
† Also Master of Science, Graduate School

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### 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  
* Robert William Hooks, Columbus

* 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 Klingelhofer, Galion  
David John Lepiste, Fairport Harbor  
Roger Dean Little, Ashland  
David Ray Lynd, Ironton  
Thomas James Oswald, Columbus  
Stephen Joseph Parzinger, Columbus  
Theodore Michael Prinz, Cleveland  
James Allan Reboreg, Elyria

### Bachelor of Science in Electrical Engineering

**Fourteen candidates**

James Francis Shott, Parma  
David Gene Summy, Dayton  
Larry Francis Sutherland, Dayton  
William Thomas Temple, Leesburg  
Robert Wayne Tullett, Columbus  
John William Vornholt, New Kent  
Marvin Wood 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, Jr., Columbus  
* Richard Eugene Mallett, Springfield  
Thomas Edward McConnel, 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 Edenfeld, Batavia  
Hai-seun 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, Perryville  
Bruce Calvin Trotz, Columbus

### Bachelor of Science in Industrial Engineering

**Eleven candidates**

Gary Ray Armstrong, Hamilton  
* James Lee Balthaser, Columbus  
* Philip Leslie Bitzer, Painesville  
Albert Lee Knicey, Zanesville  
* Richard Eugene Mallett, Springfield  
Gerald George Pall, Parma Heights  
Joseph Ray Rogers, Lancaster  
Robert Ray Saviers, Tallmadge  
Jeffrey Forest Sert, Chatfield

### Bachelor of Industrial Engineering

**Nine candidates**

Gary Ray Armstrong, Hamilton  
* James Lee Balthaser, Columbus  
* Philip Leslie Bitzer, Painesville  
Albert Lee Knicey, Zanesville  
* Richard Eugene Mallett, Springfield  
Gerald George Pall, Parma Heights  
Joseph Ray Rogers, Lancaster  
Robert Ray Saviers, Tallmadge  
Jeffrey Forest Sert, Chatfield
James Stuart Spanling, Newark
George Aaron Taylor, Columbus
Timothy Jon Todd, Westlake
Roman Aiden 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 Kimmel, Delphos
Michael James Lannan, Columbus
Gregg Harvey Leeb, South Euclid
James Arthur Leflar, Oxford
James Joseph Loschiavo, Troy
Richard Julius Lueders, Jr., Cincinnati
Kenneth Eugene Lust, Nevada
Judson Francy Martt, Amsterdam
Tom Milton McNaul, Ashland
Robert Joseph Ouellette, Sanford, Me.
Conrad Joaquim 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 Science in 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 Byrkett, Kettering
Geoffrey Harlan Gold, Shaker Heights
David Paul Grubb, West Chester
Roger Clark Harrison, Columbus
Albert Edward Mazel, Independence
Ralph Edward Russell, Lucasville
Stephen Seng, Cleveland
Charles Terkun, Cleveland
Bruce Jeffrey Vazie, Granville
Gary Eugene Williams, Newark
Jeffrey Roland Wynn, Avon Lake
Bachelor of Welding Engineering
Five candidates
Terry Lynn Chapman, Columbus
Edward Eugene Feikert, Columbus
David Albert Field, 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 Dahneke, Sandusky
Elliot 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.
Elia 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 Thickel, Dayton
David Lawrence Tritt, Heath
Robert Anthony Tufano, Paterson, N. J.
Robert George Uhlenhake, Minster
James Lewis Wallace, Westerville
Jerry Allen Walter, Perrysburg
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
Dennis Craig Davison, Farmingdale, 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
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.
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 Bavinger, 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.
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 Frazier, 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 Havercamp, Enon B.A.
Bruce Viel Heine, Columbus 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.
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 Pileseno, 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 Vailot, 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)

Cash Terence Alan Block, Youngstown
B.A. (Albion College)

Terence Alan Block, Youngstown
A.B. (University of Notre Dame)

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 Brumfield, 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 Corey, 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 Deerbake, 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 Gilchrest, Hershey, Pa.
B.S. (Junia College)

Thomas Patrick Glynn, Jr., Hamilton
A.B. (College of the Holy Cross)

Irvin David Godofsky, Columbus
A.B. (University of Michigan)

Michael James Gordon, Akron
B.S. (University of Akron)

Joseph Rodney Gottesman, Akron
B.S. (University of Akron)

Charles Edmund Groncy, Akron
B.S. (University of Akron)

Paula Kavacek 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)

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
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lance Richard Levitsky</td>
<td>Philadelphia, Pa.</td>
<td>B.S. (Hillsdale College)</td>
</tr>
<tr>
<td>Robert Earl Ley III</td>
<td>Dover</td>
<td>B.S.</td>
</tr>
<tr>
<td>Michael William Lindamood</td>
<td>Lorain</td>
<td>B.S. (Mount Union College)</td>
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<tr>
<td>Michael Charles Maeder</td>
<td>Kettering</td>
<td>B.A. (DePauw University)</td>
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<tr>
<td>Allen Lee Markowicz</td>
<td>Toledo</td>
<td>A.B. (Washington University)</td>
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<tr>
<td>Anthony Ralph Marsicano, Jr.</td>
<td>Columbus</td>
<td>B.A.</td>
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<tr>
<td>James Frederick Martin</td>
<td>Barberton</td>
<td>B.S.</td>
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<tr>
<td>Larry Dale Maxwell</td>
<td>Akron</td>
<td>B.S. (Colorado College)</td>
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<tr>
<td>Bruce Phillip McCoy</td>
<td>Dayton</td>
<td>B.S., M.S.</td>
</tr>
<tr>
<td>Paul Wesley McFadden</td>
<td>Newcomerstown</td>
<td>B.S. (Muskingum College)</td>
</tr>
<tr>
<td>Philip Zeyer McNaughton</td>
<td>Columbus</td>
<td>B.S.</td>
</tr>
<tr>
<td>Harris Jeffrey Melsher</td>
<td>Cleveland Heights</td>
<td>A.B. (Case Western Reserve University)</td>
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<tr>
<td>Edward Merves</td>
<td>Lorain</td>
<td>B.S.</td>
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<tr>
<td>David Herbert Miller</td>
<td>Canandaigua, N.Y.</td>
<td>B.A. (Wesleyan University)</td>
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<tr>
<td>Donald Edmund Miller</td>
<td>Toledo</td>
<td>B.S. (John Carroll University)</td>
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<tr>
<td>Michael Harry Mishkind</td>
<td>Dayton</td>
<td>B.S. (Michigan State University)</td>
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<tr>
<td>Paul Stephen Mitch</td>
<td>Cleveland Heights</td>
<td>B.S. (University of Dayton)</td>
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<tr>
<td>Richard Andrew Mitsak</td>
<td>Youngstown</td>
<td>B.S.</td>
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<tr>
<td>Jonathan Vail Moulton</td>
<td>Lima</td>
<td>B.A.</td>
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<tr>
<td>Thomas Lyle Mount</td>
<td>Columbus</td>
<td>B.A.</td>
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<tr>
<td>Valeriy Moysoenko</td>
<td>Cleveland</td>
<td>A.B. (Case Western Reserve University)</td>
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<tr>
<td>Dale Patterson Murphy</td>
<td>Columbus</td>
<td>B.A. (Dartmouth College)</td>
</tr>
<tr>
<td>Phillip Francis Nasrallah</td>
<td>Akron</td>
<td>B.S. (University of Pittsburgh)</td>
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<tr>
<td>Harley Bernard Negin</td>
<td>Lima</td>
<td>A.B. (Earlham College)</td>
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<tr>
<td>William Lee Newton</td>
<td>Akron</td>
<td>B.S.</td>
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<tr>
<td>William Huntley Overholser</td>
<td>Columbus</td>
<td>B.S.</td>
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<tr>
<td>Allen Thomas Pack</td>
<td>Cincinnati</td>
<td>B.A.</td>
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<tr>
<td>Burley James Packwood</td>
<td>Billings, Mont.</td>
<td>B.A. (Northwestern University)</td>
</tr>
<tr>
<td>Yvonne Ferguson Panton</td>
<td>Portsmouth</td>
<td>B.S.</td>
</tr>
<tr>
<td>Fredric J. Paskkow</td>
<td>Toledo</td>
<td>A.B. (Cornell University)</td>
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<tr>
<td>Gary Jack Phipps</td>
<td>Dayton</td>
<td>B.S.</td>
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<tr>
<td>David Lee Pierro</td>
<td>Canton</td>
<td>B.S. (Mount Union College)</td>
</tr>
<tr>
<td>Ronald Carl Pinson</td>
<td>Kettering</td>
<td>B.A. (Bob Jones University)</td>
</tr>
<tr>
<td>Ronald Arthur Pohlmeyer</td>
<td>Wilmington</td>
<td>B.A. (Wilmington College); M.A. (Washington University)</td>
</tr>
<tr>
<td>Phyllis Lausche Price</td>
<td>Athens</td>
<td>B.S. (Ohio University)</td>
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<tr>
<td>Edward Lewis Clark Fritchett</td>
<td>Columbus</td>
<td>A.B. (Princeton University)</td>
</tr>
<tr>
<td>Richard Alan Reinhart</td>
<td>Strongsville</td>
<td>B.A. (Kent State University)</td>
</tr>
<tr>
<td>Howard Jay Reuben</td>
<td>Akron</td>
<td>B.A.</td>
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<tr>
<td>Jeffrey Lee Rizor</td>
<td>Lorain</td>
<td>B.A. (College of Wooster)</td>
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<tr>
<td>Stuart Jay Ruben</td>
<td>Columbus</td>
<td>A.B. (Miami University)</td>
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<tr>
<td>Lawrence Michael Saltis</td>
<td>Stow</td>
<td>B.A.</td>
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<tr>
<td>Paul Lester Schaefer</td>
<td>Tenafly, N.J.</td>
<td>A.B. (Earlham College)</td>
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<tr>
<td>John William Schaeffer</td>
<td>Lorain</td>
<td>B.A. (College of Wooster)</td>
</tr>
<tr>
<td>Jon Rodney Schmidt</td>
<td>Plain City</td>
<td>B.S.</td>
</tr>
<tr>
<td>LeRoy Linus Lavern Schroeder</td>
<td>Ottawa</td>
<td>B.S. (Bowling Green State University)</td>
</tr>
<tr>
<td>John Alan Schuchmann</td>
<td>Mansfield</td>
<td>B.A.</td>
</tr>
<tr>
<td>Edwin Herbert Season</td>
<td>III, Mayfield</td>
<td>B.A. (Denison University)</td>
</tr>
<tr>
<td>Leslie Robert Sheeler</td>
<td>Bedford</td>
<td>A.B. (Case Western Reserve University)</td>
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<tr>
<td>Don Frazier Shook, Jr.</td>
<td>Akron</td>
<td>B.S.</td>
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<tr>
<td>Michael Charles Smith</td>
<td>Cleveland Heights</td>
<td>A.B. (Case Western Reserve University)</td>
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<tr>
<td>Timothy Carl Smith</td>
<td>Columbiana</td>
<td>A.B. (Case Western Reserve University)</td>
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<tr>
<td>Richard Andrew Snider</td>
<td>Toledo</td>
<td>A.B. (Earlham College)</td>
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<tr>
<td>Jerome Charles Spiegel</td>
<td>B.S. (University of Michigan)</td>
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<tr>
<td>Duane Gerald Spiker</td>
<td>Columbiana</td>
<td>B.A.</td>
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<tr>
<td>Steven Elwin Starr</td>
<td>Fort Dodge, Ia.</td>
<td>B.S.</td>
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<tr>
<td>John Walker Steinberger</td>
<td>Columbus</td>
<td>B.S.</td>
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<tr>
<td>Paul Anthony Steurer</td>
<td>Columbus</td>
<td>B.S.</td>
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<tr>
<td>Brady B Stoner</td>
<td>Akron</td>
<td>B.A.</td>
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<tr>
<td>Peter Nicholas Temesy-Armos</td>
<td>Lakewood</td>
<td>A.B. (Case Western Reserve University)</td>
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<tr>
<td>James Nicholas Thompson</td>
<td>Kettering</td>
<td>B.A. (DePauw University)</td>
</tr>
<tr>
<td>James Thomas Thornburgh</td>
<td>Chardon</td>
<td>B.A. (Amherst College)</td>
</tr>
<tr>
<td>Helen Evangeline Tomlinson</td>
<td>St. Marys</td>
<td>A.B. (Olivet Nazarene College)</td>
</tr>
<tr>
<td>Alan Theodore Tong</td>
<td>Findlay</td>
<td>B.S. (Bowling Green State University)</td>
</tr>
<tr>
<td>Richard Carter Treat</td>
<td>Wooster</td>
<td>B.S.</td>
</tr>
<tr>
<td>Vicki Whitaere Treat</td>
<td>Beverly</td>
<td>B.S. (Ohio University)</td>
</tr>
<tr>
<td>Michael Elwin Van Aman</td>
<td>Mt. Vernon</td>
<td>B.S. (Bucknell University)</td>
</tr>
</tbody>
</table>

* 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.

Bachelor of Science in Allied Health Professions  
Twelve candidates

Kathleen Mae Sharl Bidwell, Dayton  
Ann Elizabeth Broadhurst, Columbus  
Jo Anna Faris, McArthur  
Nancy Sue Hardman, Lyndhurst  
Don Martin Henaler, 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 Fiepmeier, 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 Tenakas, Newington, Conn.

Bachelor of Science in Medical Technology  
Nine candidates

Rita Jean Beal, Traverse City, Mich.  
Ann Catherine Lapolla Buck, Niles  
Karen Lee Chealock, 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 Arns, Hamilton  
Sandra Jane Barnes, Seville  
Lois Jean Smith Bell, Upper Sandusky  
Ellen Marie Burks, Cincinnati  
Linda Lou Carper, Fremont  
Janet Lee McCiellian 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 Hansen, Delphos  
Michael Paul Herbert, Tiffin  
Myra Jayne Hilligas, Smithville  
Vicki Lynn Kane, Lancaster  
Cheryl Ann Kaumeyer, Columbus  
Robert John Kinley, Cleveland Heights  
Barbara Rose Knuven, 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 Stanulewicz, Steubenville  
Ann Elizabeth Weiner, 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
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 Schulte Bardon, Chagrin Falls
Marion Ruth Barkley, Dayton
Carolyn Graham Beeson, Columbus
Linda Louise Bell, Shaker Heights
Joan Homeric Bolinger, Mansfield
Ruth Helen Brookin, Modesto, Calif.
Beth Dovel Brown, Nashville, Tenn.
Karren Ann Brown, Maple Heights
Beverly John Brun, Lima
Charlene Elizabeth Hurley, 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 Freerking, Cincinnati
Vicki Lynn Galchick, Salem
Sarah Romanick Gilliland, Maple Heights
Beverly Ruth Hailey, Hamlet, Ind.
Linda Beth Halperin, Fair Lawn, N. J.
Johanna Marie Hargreaves, Dayton
Eva Barbara Hawlezek, Lyndhurst
Laura Joanne Haytas, Euclid
Connie Lynn Hecht, Versailles
Rebecca Lynn Hetzel, Woodhaven, Mich.
Marilyn Lea Hoehn, Mentor
Susan Jean Hollett, 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 Wilaker 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
Robert 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 Alyx Wells, Placeerville, Calif.
Juanita Simmons West, Sardinia
Joy Ann Wharton, New Lebanon
Jeanine 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
B.S.

Howard Larkin Covert, Portsmouth
B.S.

Rudy Sam DeMercurio, Detroit, Mich.
B.A. (Wayne State University)

David Edward Gabriel, Youngstown
B.S.

Edward Joseph Grout, Jr., Medway
B.S.

Robert Michael Hardy, Frankfort
B.S.

Thomas Norbert Helget, Rochester, N. Y.
B.S.

Wayne Richard Kettler, New Knoxville
B.S.

Philip Dale Keysor, Shiloh
B.S.

Jay Lawrence Kiesman, Cleveland
B.S.

Jon Arthur Kline, Perry
B.S.

Kenneth Herbert Kling, Defiance
B.S.

James Arlie Law, Eden, N.C.
B.S. (Wake Forest University)

Dennis Fredrick Mack, Akron
B.A. (Case Western Reserve University)

Stephen Roy Manileff, Rockville Centre, N. Y.
B.A. (University of Vermont)

Richard Lee McCullough, Uhrichsville
B.A.

Jerome Linn McDowell, Detroit, Mich.
B.A.

Andrew George Mehas, Jr., Cincinnati
B.A. (Miami University); B.S.

Charles Lee Mellinger, III, Pittsburgh, Pa.
B.S.

William Douglas Meyers, Saint Paris
B.A.

Robert Douglas Newcomb, Monroe
B.S.

John Alan Parrish, Gnadenhutten
B.S.

Raymond William Pierie, Bay Village
B.S.

Courtney Lynn Poling, Maryville
B.S.

* Also Master of Science, Graduate School
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 Ruita, Flint, Mich. B.A. (University of Michigan)
Paul Myron Rosenthal, Hicksville, N. Y. A.B. (Temple University); B.S.
James Michael Schaefer, Bellevue...

College of Pharmacy
Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy
Fifty candidates
Joel Mark Altachule, Hillside, N.J.
Sister Janice Bachman, West Lafayette
Mark Robert Baer, Wheelersburg
Terryln Estell Bartachy, 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)
Carla Arlene Dew, Newark
Carmela Victoria Duva, Youngstown
Martha Elaine Franz, Perrysburg
Ina Jean Frazier, Duncan Falls
Phillip Michael Fronkel, 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 Has, McDonald
Charlotte Dorfman Johnson, Trotwood
Samuel Dean Kuehn, Harrison
Carolyn White Kuehnle, Lima
Mark Anthony Kunkler, Columbus
Silas Franklin Lemon, Barberton
Patricia Jean Levi, Mansfield
Charles Daniel Lusher, Crown City
Gerald Lavon McBride, Bryan
Robert George McQuinn, Columbus
Susan Corey Medbery, Dayton
Sean Edward Mullen, Middletown
Constance Hammond Osler, Columbus
Erika Margaret Papai, Delroy
Rita Speros Parthenos, Youngstown
Carl Patrick Pupino, Youngstown
Nicholas Stephen Rasejji, 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 Starch, 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 Becks, 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 Briskey, 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 DeVincenitis, Shaker Heights
Michael Edward Dilllon, Sr., Westerville B.S. in Agr.
Gregory Blaine Fluharty, McConnelsville
Merlin Ray Funderburg, New Carlisle B.S. in Agr.
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 Kiem, 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, Asheville

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

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, Perryville

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 Amstad, Akron
Ilene Bonnie Atkins, Shaker Heights
Janet Zimmerman Becker, Norwood
John Frederick Bender, Baycay
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 Reed Bryan, Dayton
Craig Blake Cairns, Tipp City
Frank Rauey Coates,
Richard J Heights
Elisabeth LeGous Davis, Worthington
Lynne Sandra Davis,
New London, Conn.
Randy David Deering, Elm Grove
Clark William Jastelhorst, Hilliard
Samuel Richard Edelman, Lima
Magdalene Anne Egrid, Akron
Mark Walter Eichstadt,
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 Friedenberg, Columbus
Kathy Lower Fudge, Nelsonville
Linda Marie Gennis, Mentor
Richard Mayer Glaser,
University Heights
Marilyn JoSlove Gold,
Milwaukee, Wis.
Roger Lyle Goodman,
Upper Sandusky
Jan Pamela Goodwin, Hilliard
Sherry Hall Groubeaux, Kettering
David Paul Grub, West Chester
Kathleen Sue Gutman, Botkins
Arlene Church Hazlett, Elyria
Donald Edward Heath, Cinnaminson
Kent Howard Hoblet, Conoy
Gene Richard Hoefrich, Sidney
Boyd Eugene Holtsapple, Springfield
Mary Heitmam 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, Ind.
James Samuel Kelm, Lisbon
Daniel Eugene Kimmet, Delphos
Michael William Kosakowski, Toledo
Kathleen Ellen Kuns, Dayton
David Alan Lavine, Canton
Mary Anne Ledinsky, Columbus
Deborah Mary Loveland, Chardon
David Ray Lynd, Forton
Michael Larry Macklin,
Mayfield Heights
James George Madison, Worthington
Jay Byron Maxfield, Navarre
Thomas Edward McConnell,
Bellevontaine
Richard Alphonse Menke, Cincinnati
Patricia More Miller, Columbus
Kathryn Ann Long Mount, Columbus
Thomas Kyle Mount, Columbus
Carol Joan Muselman, Brookville
Joseph Mark Pavha, Erie
Janis Fox Redman, Columbus
Rosemary Roberts, Columbus
Ralph Richard Remaker, Cridersville
Michele Rudofsky, University Heights
Melodee Carlsen Schoblin, Columbus
Dale William Schimenti, Parma
James Eugene Schimdt, Bloomfield
Timothy Allen Sells, Dublin
Wendi Weckow Semians, Circleville
Mark Donald Scalf, Wooster
Kathleen Bree Shearer, Columbus
Rachelle Unner Sherman, Dayton
Judith Ann Smiluck, Lima
Regina Kay Snyder, Columbus
Richard Franklin Snyder, Parishville
Robert Wolf Solomon, Columbus
JoAnn Somerville, Richmond
Robert Emmett Spitzer,
Bowling Green
Rorow Calvin Storm,
Washington C. H.
Bruce Calvin Trot, Columbus
Bruce Jeffrey Veazie, Granville
Paul Edwin Veit, Galena
Judith Friedner Warner, Toledo
Barry Alan Walter, Bratenahl
John Richard Walter, Warren
Thomas Allen Waltermire,
Cuyahoga Falls
Vernon Charles Watters,
Whittier, Calif.
Mark Donald Weber, Parma Heights
Stephen Edwin Weitman, Galion
David Harold Wheatton, Perrysville
Sarah George Whetsel, Fairborn
*Teressa Jean Wilkin, Lynchburg
Christine Marie Will, Sandusky
Alice Lenora Williams,
Dublin, W. Va.
Paul Matthew Zaskey, Jr., Akron

Cum Laude

Alan Gary Aikman, Celina
Cheryl Adell Allison, Shaker Heights
Kurt Allmacher, Columbus
Marsha Louise Alter, Youngstown
Mary Louise Grimes Andrezewski,
Massillon
Anna Antonion, Columbus
Alan Armstrong, Columbus
Arold Ray Augsburger, Lima
Ted Barnett Babich, Marion
James Lee Balthaser, Columbus
Daniel Jay Baxter, Wilmington
Frank Michael Beck, Columbus
Robert Paul Bennett, Portsmouth
Wayne Michael Bennett, Columbus
Gary Bruce Bilek,
Cleveland Heights
Nancy Sue Blickensderfer,
Wintersville
Doborah Jean Bonte, Columbus
Dean Edwin Booser, Warren
Patricia Ann Boone, Bellville
L. Stanley Boord, Marietta
Bonita Deborah Borodkin, Akron
Charles Alwin 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 Bronzovich, Toronto
Beverly Gordon Buekerland, Xenia
James Henry Burkholder, Bluffton
Thomas Otto Buti, Bellaire
David Douglas Buivinger, Dayton
Joseph Allan Carey, Columbus
Pauline Carmigian, Cleveland
Sheila Pae Cassady, Hialeah, Fla.
James Michael Cavanaugh, Columbus
Anton Ching-Tung Chin, Columbus
Patricia Sue Chipley, Troy
Edward Ray Claggett, Xenia
Randy Wayne Clemens, Latty
Lauree Lee Cleveland, Medina
William Robert Cobern, Toledo
Carolyn Colvard, South Euclid
Christine Marie Conly, Cincinnati
Charles Richard Conroy, Columbus
James Patrick Conroy, Ray Village
Patricia Ann Cooper, Springfield
Harry DeForest Cottrell, 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.
Kay Ellen Wellman, New Knoxville
William Douglas West, Fairborn
Karen Robbins Whitney, Worthington
Teresa Jean Wilkin, Lynchburg
Jack Charles Williams, Sandusky
Randall Dean Williams, Heith
Gwendolyn Jones Winnard, Columbus
Susan Aleene Woodruff, Tiffin
Steven Dwight Yoder, Temple City, Calif.
Judith Safstrom Zang, Columbus

*Received summa cum laude in Bachelor of Science in Education, College of Education and cum laude in Bachelor of Arts, Colleges of the Arts and Sciences.

Summa Cum Laude and with Distinction in Animal Science
Thomas Martin Routh, Huron

Summa Cum Laude and with Distinction in Anthropology
Evelyn Joan Jacob, Cincinnati

Summa Cum Laude and with Distinction in Biological Sciences
Robert Thomas Miday, Canton

Summa Cum Laude and with Distinction in English
Kenny Lee Miller, Jackson

Summa Cum Laude and with Distinction in History
Bonita Stockel Ryck, Columbus

Summa Cum Laude and with Distinction in Home Economics
Sue Ann McCormick, Fredericktown

Summa Cum Laude and with Distinction in International Studies
Edith Evelyn Kroo, Hyattsville, Md.

Summa Cum Laude and with Distinction in Natural Resources
Dennis Edward Eagan, Cincinnati

Cum Laude and with Distinction in Agronomy
Benny Losh Beckett, Oregonia

Cum Laude and with Distinction in Arabic
Anne Galvi Palestrant

Cum Laude and with Distinction in Biochemistry
Martin Robert Deibel, Jr., Columbus
William Franklin Hoffman, Jr., Columbus

Cum Laude and with Distinction in Chemistry
Marinda Pasadena Li, Columbus

Cum Laude and with Distinction in Economics
Louis Ernest Tosi, Martins Ferry

Cum Laude and with Distinction in French
Karen Louise Corrigan, Columbus

Cum Laude and with Distinction in Home Economics
Barbara Sue Garen, Mt. Sterling
Kathleen Ann Grybos, Youngstown

Cum Laude and with Distinction in Horticulture
Martin David Hemminger, Sandusky

Cum Laude and with Distinction in Manpower and Industrial Relations
William Francis Wourms, Dayton

Cum Laude and with Distinction in Natural Resources
Russell Albert Popp, Columbus

Cum Laude and with Distinction in Mathematics
Ronita Arline McIntosh, Youngstown

Cum Laude and with Distinction in Plant Pathology
James Lester Starr, Wilmington

Cum Laude and with Distinction in Political Science
Cheryl Lynn Thorpe, Centerburg

Cum Laude and with Distinction in Psychology
Louise Ann Douce, Washington C. H.
Thomas Reynolds Foster, Venetia, Pa.

Cum Laude and with Distinction in Theatre
Laura Jill Schatzley, St. Louis, Mo.

Cum Laude and with Distinction in Zoology
Karen Marie Denwicz, Columbus
Christopher James Frolick, Cleveland
Candace Martinson, Lodi

With Distinction in Agricultural Economics
David Paul Miller, East Sparta
Duane Leland Siegenthaler, West Liberty

With Distinction in Animal Science
Richard Lee Hintz, Norwalk
Rebecca Ann Williams, Akron

With Distinction in Biology
Michael Anthony Tranovich, Bellerive

With Distinction in Dairy Science
David William Ballinger, Hicksville
Robert Lawrence Hilty, Columbus

With Distinction in Entomology
Kari Nelli Schweinom, Bloomfield

With Distinction in Natural Resources
Lynn Edward Overstake, Hillsboro

With Distinction in Political Science
John David Fleischhauer, Columbus

With Distinction in Rural Sociology
James Lee Nichelson, Lima

With Distinction in Speech
Mary Thomson Wendell, Columbus

With Distinction in Theatre
Catherine Grace Claxton, Columbus

With Distinction in Zoology
Bethany Bayert Mara, Columbus
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<td>Beckman, Theodore N.</td>
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<td>Brown, Paul W.</td>
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<td>Bruce, Robert H.</td>
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<td>Caniff, Milton</td>
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<td>Clark, Kenneth E.</td>
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<td>Dulles, Foster Rhea</td>
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<td>Ervin, Thomas E.</td>
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<td>Essex, Martin</td>
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<td>Ewalt, H. Ward, Jr.</td>
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<td>Fisher, Max M.</td>
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<td>Folkman, M. Judah</td>
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<td>Guard, Willard F.</td>
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<td>Gum, Oren Berkley</td>
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<td>Hall, Carl W.</td>
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<td>Hamilton, T. Kline</td>
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<td>Heckart, Anna Eileen</td>
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<td>Jordan, Edward C.</td>
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1971-1972

THE OHIO STATE UNIVERSITY
NOVICE G. FAWCETT, President

BOARD OF TRUSTEES

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OFFICERS

JAMES W. SHOCKNESSY, Chairman
EDWARD Q. MOULTON, Secretary
ERNEST W. LEGGETT, Treasurer

1 Appointed to fill unexpired term of Frederick E. Jones; resigned June 22, 1970.

2 Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.
The Board of Trustees met at its regular monthly meeting on Friday, July 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.

The Chairman, Mr. Shocknessy, introduced the new member of the Board of Trustees of The Ohio State University:

Dr. Howard D. Sirak, who was appointed by Governor John J. Gilligan to succeed Mr. John G. Ketterer, for the term beginning May 14, 1971 and ending May 13, 1980, with appointee taking office May 19, 1971.
July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

Mr. Shocknessy presented the following statements:

A. Introduction of New Member of Board of Trustees

Dr. Howard D. Sirak has been selected by Governor Gilligan as his first appointment to our Board. And if this appointment is representative of what the Governor is likely to do in the future, the augurs for the future are good. I have known Dr. Sirak for a number of years as a physician, as a skilled and compassionate surgeon, as a professor, and as a connoisseur of painting and a renowned patron of the arts. Dr. Sirak as a member of the faculty of this University resigned this position to qualify as a member of this Board, since under State law a member of the faculty of this University may not be appointed to the Board. It is a compliment to our faculty that the Governor has taken someone from the faculty to serve on this Board. Dr. Sirak's service and experience however are not limited to his service and experience as a faculty member. His broad experience is hardly limited at all for a man of his years. But Dr. Sirak does have the kind of experience that we can well use. So, Dr. Sirak, we welcome you to the Board and we hope that you will make all the contributions to the Board which you are very well provided to make and that you will have noble service.

B. Death of Mrs. Robert Lazarus

I want to extend to you Dr. Sirak on behalf of our Board, and to your wife, our sympathy in the loss of her mother, Mrs. Robert Lazarus, whom we have known for many years as a great and gracious lady who lived her life in a large measure for her community. Her memory will be fresh in this community and long respected at this University for her many contributions. Please extend to Mrs. Sirak and Mr. Robert Lazarus, the sympathy of this Board.

C. Resignation of Gordon B. Carson

A man who has given a great service to this University has announced his intention to leave us and take a position of responsibility and honor at a college in another state. I am speaking, of course, of Gordon Carson. We shall miss Gordon Carson for all the things that he has done over the years, including making quicker trips to campus fires than Mayor LaGuardia. Anytime a fire bell has rung on this campus Gordon Carson was there before anyone else. Gordon Carson has looked out for temporalities at this University in a very
C. Resignation of Gordon B. Carson (continued)

faithful and very effective way. He has handled our finances in such a manner that we consider our finances to be in extra-ordinarily fine condition. Gordon, you probably will not be with us at the regular meeting in September so I want to extend to you at this time, on behalf of the Board, our best wishes for the future. It is always a bitter-sweet experience to bid somebody goodbye who is going to take another job--bitter for us to lose you--but it is sweet that it is something that you want. We wish you a happy tenure. We ask that you tell your wife that we will miss her, too. Both of you will be missed at the skating rink and I am sure that I will not enjoy the basketball games nearly as much without both of you there.

D. The Ohio State Lantern

As you know I, as well as many of the activities with which I have been associated over the years, have been the beneficiary of support from the press. The press has not always been wholeheartedly in support but almost. At this time I would like to do something that I have not had occasion to do before. I want to commend the Ohio State Lantern for a correction in the latest issue of an article which the Lantern had written about me in the previous issue. The Lantern serves a very useful purpose to this University and to the community-wide audience. Also I want to commend the Editorial Board and I want to commend the Director because without the Director's good advice the Editorial Board is not likely to have the courage and integrity that an Editorial Board must have. The correction was very satisfactory to me although it did not mention, as the first article had, that I am still a member of the Wilberforce Board nor did it mention that I am presently Chairman of the Board at Mt. Carmel Hospital. It said that I am Chairman of the Nursing School Board of Mt. Carmel Hospital. I don't know whether I am or not but I rather think that as Chairman of the general Board of the Hospital that I am also connected with the Nursing School. Anyhow, I want to make the point that I learned very long ago that public figures should not run for editor, but public figures can be respectful and mindful of the contribution that news media make and I include the Lantern especially at this time.
E. Appointment to Committees for 1971-1972

Retirement and Insurance Committee

Howard D. Sirak

Development Fund Board of Directors (one-year term)

Howard D. Sirak

The Development Fund Board By-laws require an election.

The Board of Trustees by unanimous voice vote approved the appointments pursuant to the By-laws of the Development Fund Board, which action constituted an election.

F. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that the membership on this important committee is now complete with the election of the following members:

Faculty Advisory Committee to the President and the Board of Trustees

Margaret A. Mordy
Herbert S. Parnes

Chairman of The Ohio State University Development Fund Board

William S. Guthrie

G. Recognition of Speakers

Mr. Shocknessy made the following statement:

At the last meeting I stated that if anyone wished to appear before this Board that a request for such appearance, if it were presented within 48 hours before the meeting, would be entertained. Four such requests have been received prior to this meeting and all four have been granted the opportunity of appearing before this Board. The topics to be discussed by the persons requesting time to speak are: Black Students, Black Studies, and Mr. Charles Ross. We will allow five minutes without interruption to each speaker. If we have any questions, we will ask them of the speaker at the completion of his statement. We
G. Recognition of Speakers (continued)

are allowing the time prior to the agenda item on personnel matters since the topics indicated by the speakers relate primarily to this item. The four speakers will be called upon at the proper time by the Secretary, Mr. Michael White, Mr. Thomas Johnson, Mr. Bernard Donanberg, and Mr. Marty Cummins. When we come to the appropriate place in the agenda the Secretary will call upon the speakers and will advise each speaker when his allotted time is up.

H. Budget for 1971-1972

Ordinarily at this meeting we vote on a budget. Today we do not have a budget to vote upon but rather we have proposed an action which will carry us over until our appropriation is voted upon by the General Assembly. I mention this fact because it will probably be necessary for the Board to meet later in the month at the call of the Chairman since the Board ordinarily does not meet in August. July 30 is being held tentatively for the special meeting of the Board. The Board will plan to meet on this date if we can be in a position to take action on the budget, but if we cannot adopt a firm budget at that time the Board will have to adopt a provisional budget which will enable the University to carry on its affairs until such a time as an annual budget may be provided.

- o -
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the Taine G. McDougal Professorship in Engineering

Pursuant to an action of the Board of Trustees on January 14, 1965, setting forth conditions for the establishment of a "Named Professorship," President Fawcett recommended that the Taine G. McDougal Professorship in Engineering be established.

This professorship will be supported from income on the Taine G. McDougal Endowment Fund which was provided by a gift from Mr. McDougal. The area in which the appointment of the professor is to be made is left to the discretion of the Dean of the College of Engineering.

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

B. Distinguished Service Awards

Serving as a Committee on Distinguished Service Awards, the President's Cabinet has nominated and recommends, for approval by the Board of Trustees, the following-named persons to receive the Distinguished Service Award at the September 3, 1971 Commencement. These awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952.

Ralph L. Boyer
Grace Fern Heck
Virgil Overholt

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

C. Creation of Pooled Income Trust Fund for The Ohio State University

President Fawcett recommended that the Pooled Income Fund Trust Agreement and Instrument of Transfer (Appendix I, page 101) be substituted for the Pooled Income Fund Trust Agreement and Instrument of Transfer approved by the Board of Trustees on December 4, 1970.

The Pooled Income Fund Trust Agreement and Instrument of Transfer (Appendix I, page 101) creating a Pooled Income Fund for the University are hereby approved and submitted for the instruments previously approved by the Board of Trustees.
I. GENERAL RECOMMENDATIONS (continued)

C. Creation of Pooled Income Trust Fund for The Ohio State University (continued)

The original Trustees of the Pooled Income Fund are authorized to submit the Pooled Income Fund to the Internal Revenue Service for approval, to make such changes in the Pooled Income Fund Trust Agreement and Instrument of Transfer as may in the opinion of the University Counsel be necessary or appropriate to satisfy the requirements of the regulations published by the United States Treasury Department, and to make such modifications of the Instrument of Transfer as may be appropriate to fit particular circumstances.

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

D. Interim Financing for the Lima Campus Technical Education Program

President Fawcett recommended that authorization be provided for The Ohio State University to act as the interim agent and to make the necessary expenditures from funds made available for this purpose from the Ohio Board of Regents to support the technical education program for the Lima Regional Campus for the period July 1, 1971 until the Allen County Technical Institute Board of Trustees fully assumes its administrative responsibility for the Autumn Quarter 1971.

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

E. Motor Vehicle, Traffic, Parking, Watercraft, and Bicycle Regulations

President Fawcett recommended that the previous actions by the Board relating to the "Motor Vehicle, Traffic, Parking, and Watercraft Regulations" be amended, effective September 1, 1971, so as to provide for:

1. Establishment of a Board of Appeals.
2. Incorporation of regulations relating to the use of bicycles on campus.
3. Modifications in the schedule of parking fees and fines to support the increased costs in operating the program.
4. Revisions in a number of the regulations to reflect organizational changes, clarity, and consistency.

The specific amendments are to be incorporated by reference in Exhibit A and on file with the official records of the Board of Trustees.

Upon motion of Mr. Dorsey, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous roll call vote.
I. GENERAL RECOMMENDATIONS (continued)

F. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 3, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix II, page 111.)

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

G. Funding for the Meshulam Riklis Chair in Business and Its Environment

The Foundation for Endowment of a Chair at Ohio State University, Inc., (the "Foundation") has resolved to contribute the net income from corporate bonds having a face value of $500,000 to the University, through the Development Fund, for the endowment of the Meshulam Riklis Chair in Business and Its Environment. Income to support the Chair will come from the Foundation which now holds bonds with a face value of $500,000, bearing interest at the rate of 6% per annum.

At the request of the Foundation, and upon recommendation of the Board of Directors of The Ohio State University Development Fund, it is requested that this Board of Trustees approve the appointment of a committee, working with the Dean of the College of Administrative Science and the Provost, to establish the guidelines for the Riklis Chair and begin the search for the first occupant, to be appointed beginning in the fall of 1972 or as soon thereafter as possible.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

H. Appointment to Board of Overseers for The Academy for Contemporary Problems

As a condition of the Agreement with Battelle Memorial Institute for the operation of The Academy for Contemporary Problems, President Fawcett recommended the appointment of Albert J. Kuhn to fill the vacancy on the Board of Overseers for the operation of the Academy which will be created by the resignation of Provost and Vice President James A. Robinson, effective August 1, 1971.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Interim Expenditure Authorization

President Fawcett made the following statement:

I had hoped to present a proposed budget for the fiscal year 1971-1972 to the Board at this meeting for its consideration. I regret however that I am unable to do so since the level of support to this University has not as yet been established by the 109th General Assembly. Hopefully before the end of this month the Assembly will be able to establish this level of support. Therefore, I am recommending that a special meeting of this Board be called for the purpose of reviewing and approving a University budget for this coming year as soon as the General Assembly has acted on this matter. If, however, this action has not been taken by the Assembly before the end of this month it may be necessary to request your support of a provisional budget prior to the legislative action and at the same time adjust student fee levels since such adjustments very probably will be mandated by the Assembly.

In the meantime I am requesting the requisite authority from the Board to make the necessary interim expenditures within the resources available in support of the continuing activities of this University.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

J. Insurance and Retirement Program for University Employees

Mr. Gushman presented the following recommendation on behalf of the Retirement and Insurance Committee:

The Retirement and Insurance Committee of the Board of Trustees has consulted with members of the University administration in an effort to improve the post-retirement death benefits with no additional out-of-pocket cost to the University, the faculty or administrative staff, and, furthermore to extend the post-retirement option to continue Life, AD & D, and Major Medical to all qualified employees. As a result of these deliberations and with the agreement of the insurance carrier, it was recommended that the following resolution be adopted:

BE IT RESOLVED, THEREFORE, by the Board of Trustees of The Ohio State University that the self-insured plan of post-retirement benefits for eligible employees of The Ohio State University be revised as follows and as further described in detail in the amended plan as filed with the official records of the Board of Trustees.
July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

J. Insurance and Retirement Program for University Employees (continued)

All faculty, unclassified nonteaching staff employees, classified Civil Service employees and regular permanent hourly employees retiring after October 1, 1971, with a minimum of 10 years of O.S.U. service, and eligible for retirement benefits under any retirement program administered by the State of Ohio, be eligible for the following schedule of post-retirement death benefits.

<table>
<thead>
<tr>
<th>Full Years of O.S.U. Service at Retirement</th>
<th>Schedule of Post-Retirement Death Benefits</th>
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<tbody>
<tr>
<td>Less than 10 years</td>
<td>0</td>
</tr>
<tr>
<td>10 years but less than 15 years</td>
<td>$1,000</td>
</tr>
<tr>
<td>15 years but less than 20 years</td>
<td>1,500</td>
</tr>
<tr>
<td>20 years but less than 25 years</td>
<td>2,000</td>
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<tr>
<td>25 years or more</td>
<td>2,500 maximum</td>
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A retired employee electing to continue Life and AD & D coverage to age 70 is not eligible for the post-retirement death benefit until age 70 and thereafter.

A retired employee electing not to continue Life and AD & D coverage would be eligible for the post-retirement death benefit if otherwise qualified.

BE IT FURTHER RESOLVED, THEREFORE, by the Board of Trustees of The Ohio State University that the following improvements in the University's insurance program under the John Hancock Mutual Life Insurance Company Contract Number GTC-58175-100 be further amended to include the following benefits:

The current post-retirement option to continue Life, AD & D, and Major Medical to age 70 applicable to faculty and unclassified nonteaching staff employees be extended to include classified Civil Service employees and regular permanent hourly employees.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the foregoing resolution was adopted by unanimous roll call vote.

Prior to consideration of the Personnel Changes, the following speakers were heard by the Board:

Mr. Michael White, Student, Coordinator of Afro-Am, indicated that the students fully support Charles Ross and called for a full investigation into the procedure of Mr. Ross' dismissal.

Mr. Thomas Johnson, Student, President of the Student Council, College of Humanities, called for a more complete disclosure of the facts surrounding the Charles Ross case.
July 2, 1971 meeting, Board of Trustees

Speakers (continued)

Mr. Bernard Donanberg, Student, Executive Assistant to President of Undergraduate Student Government, presented letters from campus organizations protesting Charles Ross' dismissal.

Mr. Marty Cummins, Student, President Pro tem of Student Assembly, charged that Charles Ross was inept, incompetent, belligerent, and ineffective and urged the Trustees to support President Fawcett's recommendation.

* * *

II. PERSONNEL CHANGES

Personnel changes since the June 4, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Retirement, Resignation, Appointments, Changes of Status, Change of Responsibility, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Retirement

Dr. John C. Ullery retires as Chairman and Professor of Obstetrics and Gynecology, effective September 30, 1971. Upon the recommendation of Dean Prior, Dr. Ullery assumes the title Professor Emeritus upon his retirement.

B. Resignation

Gordon B. Carson will resign his position as Vice President for Business and Finance so that he might accept the Executive Vice Presidency of Albion College, Albion, Michigan, effective September 1, 1971.

President Fawcett made the following statement:

Since I was notified of Mr. Carson's decision only this past Wednesday, I have not had sufficient opportunity to determine how I should like to have his responsibilities fulfilled. Because of the important nature of these responsibilities, I believe that it is imperative that a decision be made at an early date. Because the Board will not meet again until September, I am asking that I be delegated the authority to make the necessary realignments and appointments appropriate to the fulfillment of Mr. Carson's current administrative assignments, subject to ratification by the Board at the next regular meeting.
II. PERSONNEL CHANGES (continued)

C. Appointments

Robert G. Arns, Vice Provost for Arts and Sciences, effective August 1, 1971, at a salary of $28,448.00 per annum.

Russel C. Jones, Professor in and Chairman of the Department of Civil Engineering, effective July 1, 1971, at a salary of $27,048.00 per annum.

D. Changes of Status

John B. Gabel from Professor in the Department of English to Acting Chairman of the Department of English, effective October 1, 1971, at a salary of $20,088.00 per annum.

John D. Kraus from Professor in the Department of Electrical Engineering to Taine G. McDougall Professor in Engineering, effective July 1, 1971, at a salary of $29,892.00 per annum.

E. Change of Responsibility

President Fawcett made the following recommendation in relation to the employment of Mr. Charles Ross:

I am following the administrative judgments of Dean Adams and Provost and Vice President Robinson and am not recommending the reappointment of Mr. Charles O. Ross for the Chairmanship of the Black Studies division for the academic year 1971-72, and I have so informed Mr. Ross June 30. Mr. Ross will continue as Associate Professor in the School of Social Work, effective Autumn Quarter, 1971. I have asked Dean Adams to appoint an Acting Chairman as soon as possible and at the same time to initiate a search for a Chairman. It is my sincere hope that I will be able to recommend an appointment for this position by no later than the beginning of Autumn Quarter, 1971.

While this action does not require a special motion, I am asking that a separate vote be taken by the Board in support of my decision on this matter.

Following the presentation of President Fawcett, Mr. Shocknessy indicated that he would entertain a motion applicable only to Item E under Personnel Changes pertaining to the action taken by the President on June 30 with respect to Mr. Charles Ross.
July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Change of Responsibility (continued)

In making the motion, Mr. Dunlap said, "I made the motion that Mr. Ross be hired on the recommendation of the administration one year ago and while I remain in favor of and support the Black Studies division, I have weighed the evidence presented to us and would like now to move to support the President in his action to remove Mr. Ross." The motion was seconded by Mr. Eckley.

Mr. Hilliker was then recognized by the Chairman and made the following statement,

I have been greatly concerned for some time about the lack of progress of our Black Studies program. In my opinion, this is due solely to the lack of ability and the lack of true dedication to this University on the part of Charles Ross. I realize that what I am saying is not popular to some people in this room. I seriously question the advisability of retaining Charles Ross as an Associate Professor on this campus.

Mr. Hilliker then moved to amend Mr. Dunlap's motion and asked that all contractual agreements between The Ohio State University and Charles Ross be severed at the conclusion of his present one-year contract and that he not be employed as an Associate Professor in the School of Social Work. Mr. Harrod seconded the motion.

Mr. Shocknessy said "We now have before us a motion by Mr. Dunlap seconded by Mr. Eckley to ratify the President's action in not recommending Mr. Charles Ross for Director for the ensuing year. We have also before us an amendment to Mr. Dunlap's motion by Mr. Hilliker to separate Mr. Ross from the University at the conclusion of his present one-year contract."

The Chairman queried the mover of the original motion, Mr. Dunlap, as to whether or not he would accept the amendment and Mr. Dunlap indicated that he would not.

In the absence of discussion, the vote on the amendment was taken. Mr. Hilliker and Mr. Harrod cast affirmative votes and Dr. Sirak, Mr. Gushman, Mr. Dorseey, Mr. Eckley, Mr. Dunlap, Mr. Safford, and Mr. Shocknessy cast negative votes. The Chairman declared the amendment lost with seven negative votes and two affirmative votes.

The call was then made for discussion on the original motion. By a roll call vote the original motion was unanimously approved. In casting his affirmative vote, Mr. Dorsey said

This has been a very difficult personal decision to make as you well know since I am the only Black member on the Board and this issue does directly concern a Black faculty member. I have pored over the evidence including the charges and counter-charges that have been raised in this case and I have come to the conclusion that the hearing
II. PERSONNEL CHANGES (continued)

E. Change of Responsibility (continued)

Mr. Dorsey's statement (continued)

requested by Mr. Ross was conducted fairly. I am also fully satisfied that the administration is dedicated to creating a viable Black Studies program. At this time I want to go on record as saying that I have been fully informed of the facts in this case and that I am in support of the President's recommendation.

F. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Clair W. Young, Assistant Professor (Assistant State Leader, 4-H), effective July 1, 1971 through August 31, 1971, to participate in a program of professional improvement at The Ohio State University.

G. Leaves of Absence Without Salary

Nicholas Holowaychuk, Professor, Department of Agronomy, effective July 16, 1971 through September 16, 1971, to conduct a soil survey in an area in the Congo, Africa.

Reinhart F. H. Butter, Associate Professor, Division of Design, effective October 1, 1971 through September 30, 1972, for a visiting lectureship in Germany.

Arnold Shapiro, Associate Professor, Department of English, effective October 1, 1971 through September 30, 1972, for a Fulbright Lectureship at the University of Helsinki, Finland.

David Earl Lindsey, Assistant Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a Visiting Assistant Professorship at Macalester College, St. Paul, Minnesota.

Ana R. Llorens, Assistant Professor, University Library, effective July 1, 1971 through September 30, 1971, to serve as Secondary School Library Consultant in Colombia, South America.

Richard Douglas Porter, Assistant Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a position with the Board of Governors of the Federal Reserve Bank, Washington, D. C.
G. Leaves of Absence Without Salary (continued)

Gregory A. Briggs, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective June 16, 1971 through August 31, 1971, to participate in a program of professional improvement at The Ohio State University.

Lee Chadeayne, Instructor, Department of German, effective October 1, 1971 through September 30, 1972, to accept a one-year guest professorship in Germany.

Shashikala A. Gogate, Instructor, Department of Pathology, effective June 14, 1971 through June 18, 1971, for personal reasons.

Jack E. Hathaway, Instructor, Department of Veterinary Clinical Sciences, effective July 1, 1971 through June 30, 1972, to continue work on his Ph.D. degree.

Jack Henry Kunin, Instructor, Division of the History of Art, effective October 1, 1971 through September 30, 1972, to complete dissertation for Ph.D. degree.

Geraldine Olson, Instructor (Extension Specialist, Family Development), Cooperative Extension Service, effective July 1, 1971 through September 15, 1971, to participate in a program of professional improvement at The Ohio State University.

H. Emeritus Titles

Ralph H. Davidson, Department of Entomology, with the title Professor Emeritus, effective July 1, 1971.

Bernard S. Meyer, Department of Botany, with the title Professor Emeritus, effective September 1, 1971.

Consuelo Wise, College of Dentistry, with the title Professor Emeritus, effective July 1, 1971.

Mr. Shocknessy asked what privileges were granted a member of the faculty in the College of Medicine who is retiring with the title of Professor Emeritus, and specifically whether such a person retains the privilege of practicing within the University Hospitals.

At the President's request, Dr. Meiling responded to this question stating

The constitution and bylaws of the Hospital provide for positions as honorary staff members. The honorary staff are appointed each
II. PERSONNEL CHANGES (continued)

Dr. Meiling's statement (continued)

year the same as the attending staff, the courtesy staff, and the limited staff upon the recommendation of the Chief of the Clinical Division in which they are extended these privileges, which includes the admission and attending of patients. At the present time we have extended this to members of the faculty who hold emeritus professorships; we have extended it to members of the faculty who have national, state, or local reputations professionally, and they are granted the privilege of admitting patients the same as other members of the staff. The attending staff, however, have priority on admitting and attending of patients because they also have a teaching responsibility.

Mr. Shocknessy then asked whether Dr. Ullery, as a Professor Emeritus, would be permitted to admit and to attend patients in University Hospital or whether he would have to be named to honorary staff membership.

Dr. Meiling responded that Dr. Ullery would have to be named to the honorary staff in order to admit and to attend patients.

Mr. Shocknessy also inquired as to whether Emeriti receive office space.

Dr. Meiling stated that office space is provided to Emeriti on an availability basis which is usually shared space. Further, he stated that presently no Emeriti are assigned office space in the University Hospitals but some office space is available in other facilities including the Basic Medical Science Building, Starling-Loving Hall, and Hamilton Hall.

President Fawcett recommended that the Retirement, Resignation, Appointments, Changes of Status, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University be approved.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

* * *
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
May 15, 1971 - June 11, 1971

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
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</table>

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

1. Government Research Contracts - Federal

   a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #1 - Department of Veterinary Pathology). Gross Value - $25,370.00.

   b. Department of Air Force, Air Force Systems Command, Air Force Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Project No. 2726 - Mod. #P00005 - Department of Metallurgical Engineering). Gross Value - $865.00.


   d. Department of Navy, Office of Naval Research, Arlington, Virginia, Physical Fitness Training (to be known as Project No. 3039-A1 - Mod. #2 - School of Health, Physical Education and Recreation). Gross Value - $20,336.00.
July 2, 1971 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

   e. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Program to Apply the Gas Diagnostics in the AFFDL (Air Force Flight Dynamics Laboratory) (to be known as Project No. 3940-A1 - Mod. #P00004 - Department of Aeronautical and Astronautical Engineering).
   Gross Value - $25,602.00.

   Gross Value - $1,604.00.

   Gross Value - $75,075.00.

   Gross Value - $49,987.00.

   Gross Value - $19,323.00.

   j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies on the Ability of Stored Blood to Transport Oxygen In Vivo (to be known as Project No. 3244-A1 - New - Department of Medicine).
   Gross Value - $78,338.00.

TOTAL - Government Research Contracts - Federal $704,198.00

2. Industrial and Other Research Contracts

   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

2. Industrial and Other Research Contracts (continued)

b. The Boeing Company, Wichita Division, Wichita, Kansas, Study of Induced Transient Current Distributions (to be known as Project No. 3226-A1 - New - Department of Electrical Engineering).
Gross Value - $10,000.00.

c. The Columbus Dental Manufacturing Co., Columbus, Ohio, Clinical Studies on Utilization of Dental Materials and Devices (to be known as Project No. 3249-A1 - New - College of Dentistry).
Gross Value - $9,451.00.

d. Pfizer Agricultural Division, Development Research Department, Terre Haute, Indiana, Broiler Feeding - Terramycin Experiment (to be known as Project No. 3250-A1 - New - Department of Poultry Science).
Gross Value - $2,400.00.

TOTAL - Industrial and Other Research Contracts $22,851.00


Gross Value - $2,341.00.

b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-3K - Rev. Award Dated 4/29/71 - Department of Medicine).
Gross Value - $2,270.00.

c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Center for Air Pollution Control, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-K - Rev. Award Dated 5/19/71 - Department of Chemistry).
Gross Value - $8,568.00.

d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-H - Ext. #8 - Department of Biochemistry).
Gross Value - $52,174.00.
A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

e. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-G - Ext. #7 - College of Pharmacy).
Gross Value - $18,803.00.

f. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Hydrophilic Colloid Interactions in Foods (to be known as Project No. 2037-F - Ext. #6 - Department of Food Science and Nutrition).
Gross Value - $26,710.00.

g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain Tumors (to be known as Project No. 2069-F - Ext. #6 - Department of Medicine).
Gross Value - $35,239.00.

h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as Project No. 2379-B - NIH Notice Dated 4/23/71 - Department of Chemistry).
Gross Value - $8,640.00.

i. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #5 - Department of Electrical Engineering).
Gross Value - $30,000.00.

j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-C - Rev. Award Dated 5/14/71 - Department of Medicine).
Gross Value - $3,523.00.

k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Taxonomic Study of Cariogenic Bacteria (to be known as Project No. 2625-B - Ext. #2 - College of Dentistry).
Gross Value - $80,795.00.
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, National Library of Medicine, Bethesda, Maryland, Psychophysiology and Psychosomatic Medicine in the USSR (to be known as Project No. 2670-B - Sup. #11 - Department of Psychiatry).
   Gross Value - $4,554.00.

m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Neurophysiology of Corneal Receptive Fields (to be known as Project No. 2774-B - Ext. #2 - College of Optometry).
   Gross Value - $16,091.00.

   Gross Value - $254,105.00.

o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Interactions of Tetracyclines Using Optical Probes (to be known as Project No. 2843-B - Ext. #2 - College of Pharmacy).
   Gross Value - $17,664.00.

p. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Antimicrobial Properties of Bovine Milk Serum (to be known as Project No. 2877-B - Ext. #2 - Department of Food Science and Nutrition).
   Gross Value - $18,347.00.

q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosematosis (to be known as Project No. 3042-A2 - Ext. #1 - Department of Veterinary Pathology).
   Gross Value - $26,982.00.

r. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as Project No. 3058-A2 - Ext. #1 - Department of Psychology).
   Gross Value - $7,225.00.
July 2, 1971 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

Gross Value - $28,315.00.

t. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Chronic Chlorpromazine Administration to Macacus Rhesus (to be known as Project No. 3075-A2 - Ext. #1 - Department of Medicine).
Gross Value - $28,168.00.

u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A2 - Ext. #1 - Department of Food Science and Nutrition).
Gross Value - $38,343.00.

Gross Value - $25,500.00.

Gross Value - $42,439.00.

Gross Value - $124,596.00.

y. National Science Foundation, Washington, D. C., Development of a New Geochronometer Based on the Decay of Lu$^{176}$ to Hf$^{176}$ in Rocks and Minerals (to be known as Project No. 3254-A1 - New - Department of Geology).
Gross Value - $15,700.00.
July 2, 1971 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   z. National Science Foundation, Washington, D. C., Metallic Implant
      Materials (to be known as Project No. 3255-A1 - New - Department
      of Metallurgical Engineering).
      Gross Value - $100,000.00.

   aa. Department of Health, Education and Welfare, Social Security
       Administration, Washington, D. C., Variations in Prescription
       Markups-on-Retail (to be known as Project No. 3257-A1 - New -
       College of Pharmacy).
       Gross Value - $7,175.00.

   TOTAL - Government Research Grants - Federal $1,025,267.00

4. Industrial and Other Research Grants

   a. National Tuberculosis and Respiratory Disease Association,
      New York, New York, Lipids of Mycobacteriophages: Separation
      and Identification (to be known as Project No. 3010-A1 - Sponsor
      Letter Dated 3/3/71 - Department of Medical Microbiology).
      Gross Value - $28,315.00.

      Oxygen Transport in Hemoglobinopathies (to be known as Project
      No. 3243-A1 - New - Department of Medicine).
      Gross Value - $13,970.00.

   c. American Cancer Society - Milwaukee Division, Milwaukee,
      Wisconsin, The Biochemical Genetics of Morphogenesis and
      Birth Defects (to be known as Project No. 3251-A1 - New -
      Department of Biochemistry).
      Gross Value - $499.76.

   d. Environmental Protection Agency, Water Quality Office,
      Washington, D. C., Pesticide Movement from Cropland Into
      Lake Erie (to be known as Project No. 3256-A1 - New -
      Department of Entomology).
      Gross Value - $23,431.00.

   TOTAL - Industrial and Other Research Grants $66,215.76

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the research agreements
between The Ohio State University and The Ohio State University Research Foun-
dation for the above contracts and grants were approved by unanimous voice vote.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

**SUMMARY**

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
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<tbody>
<tr>
<td>Government Research Contract</td>
<td>1</td>
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</table>

During the period from May 15, 1971 through June 14, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. **Government Research Contract**

   EES 388X  
   Field Testing of Pavement Thickness Gage, Ohio Department of Highways, Columbus, Ohio.  
   Gross Value - $12,416.00.

C. **Authorization to Execute Agreement Between The Ohio State University and the Marion County Technical Institute at Marion**

In response to a clearly identified need for technical education programs in the Marion, Ohio, area, the Ohio Board of Regents has authorized the creation of the Marion County Technical Institute District. The authorization for state universities to establish technical education programs in cooperation with technical institutes organized under the laws of Ohio, is in harmony with action taken by the 107th General Assembly, Section 3357.09 of the Ohio Revised Code.

President Fawcett recommended therefore that the President of the University be authorized to sign an agreement between The Ohio State University and the Marion County Technical Institute to provide for technical education programs on the Marion Campus of the University, to begin with the Autumn Quarter, 1971.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.
IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 4, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance $4,140,976.93
Received Through The Ohio State University Development Fund 87,886.11

A. Administered Through the Office of Business and Finance

1. $1,988,004.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Comprehensive Career Education Model - The Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period June 15, 1971 through June 30, 1972. (Grant No. OEG-3-7-000158-2037, Revision No. 15)

2. $653,400.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the NDEA Title IV Graduate Fellowship Program, for the period September 1, 1971 through August 31, 1972. (Award No. 437-003090)

3. $353,137.00 granted by U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. 20250, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period July 1, 1971 through June 30, 1972. (Contract No. 12-25-400-64)

4. $240,086.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Graduate School, for the period extending through August 31, 1972. (Grant No. OEG-0-70-4214, Revision No. 3)

5. $92,718.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08458-08)
A. Administered Through the Office of Business and Finance (continued)

6. $91,440.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Parasitology and Medical Entomology," under the direction of the Department of Entomology - Acarology Laboratory, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 A100216-11)

7. $89,616.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Administration," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 D04 AH 0111-01)

8. $72,466.33 granted by U. S. Department of the Interior, Environmental Protection Agency, Washington, D. C. 20242, to the University for "Multidisciplinary Training in Water Pollution Control," under the direction of the Water Resources Center, for the period July 1, 1971 through June 30, 1972. (Grant No. 5P1-WP-219-03)

9. $65,813.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for "Mental Retardation Training Program - Core Group," under the direction of the College of Medicine, for the period August 1, 1971 through July 31, 1972. (Grant No. 55-P-25013/5-05)

10. $52,228.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Preparation for Leadership Positions in Child Health Services," under the direction of the School of Nursing, for the period June 1, 1971 through May 31, 1972. (Grant No. 5 D10 NU 00429-02)

11. $45,971.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 D06 DH05044-10)

12. $45,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Expanded Auxiliary Management," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D11 DH08008-01)

13. $44,920.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 AN05118-15)
14. $43,701.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. T02 MH05924-21)

15. $41,239.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry Child Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH11296-04)

16. $40,124.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08254-09)

17. $36,525.60 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "EPDA Program - Industrial Arts Education," for the Summer 1971.

18. $32,834.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Psychology," under the direction of the Department of Psychology, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 T01 MH12349-01)

19. $30,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "In-Service Program in Reading/Language Arts," under the direction of the College of Education, for the period extending through December 31, 1972. (Grant No. OEG-0-70-2057, Revision No. 3)

20. $27,713.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," for a Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 GM21946-08)

21. $16,776.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 MH10778-05)
IV. GRANTS AND GIFTS (continued)

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

22. $15,188.00 granted by Ohio Nursing Home Association, Columbus, Ohio, to the University for "Education Program for Ohio Provisionally Licensed Nursing Home Administrators," under the direction of the College of Administrative Science - Division of Continuing Education, for the Summer 1971.

23. $11,999.00 granted by State of Ohio, Department of Education, Columbus, Ohio to the University for "1971 Advanced Workshop in Drivers Education," under the direction of the College of Education, for the Summer 1971.

24. $5,540.00 granted by The Ford Foundation, New York, New York, 10017, to the University for "Black Student Doctoral Fellowship," under the direction of the Graduate School, for the year 1971-1972. (Project No. 719-0021)

25. $2,951.00 additional grant by the National Science Foundation, Washington, D. C. 20550, to the University for the Graduate Traineeship Program under the direction of the Graduate School. (Grant No. GZ-1288, Amendment No. 1)

26. $1,000.00 granted by The Supreme Council 33° A. A. Scottish Rite, Lexington, Massachusetts 02173, to the University for the renewal of the Leon M. Abbott scholarship in the Ohio State's School of Journalism for the 1971-1972 academic year.

27. $587.00 additional grant by National Endowment for the Humanities, Washington, D. C. 20506, to the University for support of the Latin Institute to Prepare The Columbus Latin Reader for publication and implementation in the schools, under the direction of the Department of Classics, for the period March 1, 1970 through May 31, 1971. (Grant No. EO-119-70-4160)

TOTAL - Administered Through the Office of Business and Finance $4,140,976.93

B. Received Through The Ohio State University Development Fund

1. $15,000.00 from Leo Yassenoff, Columbus, Ohio, as an undesignated gift to the University.

2. $13,886.11 from The Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

3. $12,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for research.
IV. GRANTS AND GIFTS (continued)

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

4. $10,000.00 from The Bremer Foundation, Youngstown, Ohio, for its research fund.

5. $7,000.00 from Lybrand Foundation, Columbus, Ohio--$5,000.00 to support one or more Ph.D. candidates in the field of Accounting and $2,000.00 as an unrestricted gift to the College of Administrative Science - Academic Faculty of Accounting or the Chairman of the Accounting Academic Faculty.

6. $5,000.00 from A. Earl Cullum, Jr., & Associates, Dallas, Texas, for the ElectroScience Laboratory Director's Fund.

7. $5,000.00 from The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.

8. $5,000.00 from Mrs. Alfred J. Kobachker, Los Angeles, California, to establish a loan fund with preference for students in the College of Arts.

9. $5,000.00 from Pharmacia Laboratories, Inc., Piscataway, New Jersey, for gastroenterology research.

10. $5,000.00 from Union Carbide Corporation, New York, New York, for its fellowship in Welding Engineering.

11. $5,000.00 from Union Carbide Corporation, South Charleston, West Virginia, for its fellowship in Chemical Engineering.

TOTAL - Received Through The Ohio State University Development Fund $87,886.11

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

C. Report from The Ohio State University Development Fund

In May, 1971, the Development Fund received gifts on behalf of the University as follows:

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<td>Individuals Other than Alumni</td>
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29
V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

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

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1970-71.

National Science Foundation

<table>
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Total National Science Foundation $ 31,510.50

U. S. Department of Health, Education and Welfare

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### V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

#### A. Transfer of Earned Indirect Costs (continued)

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July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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<td>340109 OE - Education - Dowling</td>
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<td>340110 OE - Main Library - Branscomb</td>
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Total U. S. Department of Health, Education and Welfare $663,100.05

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<td>390028 AID - India - Education (Prior Years)</td>
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<td>390052 AID - Administrative Science - Hurley</td>
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<td>390059 HUD - School of Architecture - Gerckens</td>
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<td>390063 USDA - Veterinary Medicine</td>
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<td>390069 WPCA - School of Natural Resources - Dambach</td>
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<td>390070 NASA - Administrative Science - Hurley</td>
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<td>390071 Wright-Patterson Graduate Center</td>
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<td>390073 DOT - Industrial Engineering - Rockwell</td>
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<td>390075 NEH - Classics - Cleary</td>
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Total U. S. Government - Other $64,581.67

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July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

**Miscellaneous**

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Total Miscellaneous: $33,844.35

Grand Total: $793,036.57

B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1970-71, the following transfers were made from current funds to plant funds:

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### V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

#### B. Transfers to Plant Funds (continued)

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<td>801198</td>
<td>960200</td>
<td>3,252.46</td>
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<tr>
<td>Starling Loving Remodeling</td>
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<td>960200</td>
<td>10,724.71</td>
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<tr>
<td>South Dormitories - Telephone Ducts</td>
<td>801201</td>
<td>124358</td>
<td>(4,586.45)</td>
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<tr>
<td>Newark Parking Lot</td>
<td>801204</td>
<td>149994</td>
<td>(7,979.48)</td>
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<td>Caldwell Laboratory Remodeling</td>
<td>801206</td>
<td>131400</td>
<td>1,346.21</td>
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</table>
July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Civil and Aeronautical Engineering Building Remodeling</td>
<td>801209</td>
<td>149999</td>
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<td>Sisson Hall Remodeling</td>
<td>801212</td>
<td>149996</td>
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<td>Hospital Chilled Water System</td>
<td>801228</td>
<td>960200</td>
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<tr>
<td>Optometry Building Addition</td>
<td>801230</td>
<td>156400</td>
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<tr>
<td></td>
<td></td>
<td>212982</td>
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<tr>
<td>Derby Hall Remodeling</td>
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<tr>
<td>Alumni House Remodeling</td>
<td>801232</td>
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</tr>
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<td>Student Services Building Remodeling</td>
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<tr>
<td>Lord Hall Remodeling</td>
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<tr>
<td>Page Hall Remodeling</td>
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<tr>
<td>Main Library Air Conditioning</td>
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<td></td>
<td>149996</td>
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<tr>
<td>Arps Hall Remodeling</td>
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<td></td>
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<td>Security Improvements</td>
<td>801238</td>
<td>124358</td>
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<tr>
<td></td>
<td></td>
<td>129430</td>
</tr>
<tr>
<td>WOSU-TV Expansion</td>
<td>801239</td>
<td>134400</td>
</tr>
<tr>
<td></td>
<td></td>
<td>149997</td>
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<tr>
<td>Lima Parking Improvement</td>
<td>801242</td>
<td>921353</td>
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<tr>
<td>Brown Hall Remodeling</td>
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<td>Optometry Building Air Conditioning</td>
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<tr>
<td>Systems Engineering Building Remodeling</td>
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<td>149996</td>
</tr>
<tr>
<td>Lima Multi-Use Recreation Court</td>
<td>801246</td>
<td>149994</td>
</tr>
</tbody>
</table>

Total: $2,427,223.55
July 2, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS

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

A. Pomerene Hall Women's Swimming Pool - Remodeling of Roof and Ceiling and Lighting Improvements

This project consists of removing the skylight; installing a roof with insulation, new ceiling, improved lights and new ventilating fan in Women's Swimming Pool area.

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

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

VII. REPORT OF AWARD OF CONTRACTS

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

A. Ohio Stadium - Artificial Turf 1971

<table>
<thead>
<tr>
<th>Artificial Turf Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base bid</td>
<td>$220,365.00</td>
<td>$274,000.00</td>
</tr>
<tr>
<td>Alt. T-2 Practice field turf with one-year warranty</td>
<td>$135,179.00</td>
<td>$239,400.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$355,544.00</td>
<td>$513,400.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base bid</td>
<td>$95,000.00</td>
<td>$97,000.00</td>
</tr>
<tr>
<td>Alt. G-1 Practice field base with five-year warranty</td>
<td>$83,000.00</td>
<td>$117,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$178,000.00</td>
<td>$214,000.00</td>
</tr>
</tbody>
</table>

| Total Contracts          | $533,544.00 | $727,400.00 |
July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Ohio Stadium - Artificial Turf 1971 (continued)

It is anticipated that because of conditions discovered at the time of excavation it will be necessary to add extra stone in the base to correct sponginess in the subsoil. Unit prices were established in the contract to cover this contingency.

Funds for this project have been provided from Gifts, Interest on Gifts, and Athletic Reserves.

B. Sisson Hall - Remodeling for Offices and Laboratories

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>$26,375.00</td>
<td>$30,949.00</td>
</tr>
<tr>
<td>(4 bids received 6-11-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ed Ross Construction Co. (Westerville, Ohio)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Contract</td>
<td>7,560.00</td>
<td>11,500.00</td>
</tr>
<tr>
<td>(6 bids received 5-28-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reco Electric, Inc. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td>9,200.00</td>
<td>10,620.00</td>
</tr>
<tr>
<td>(2 bids received 5-28-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farber Corporation (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heating, Ventilating and Air Conditioning Contract</td>
<td>23,800.00</td>
<td>26,200.00</td>
</tr>
<tr>
<td>(4 bids received 5-28-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farber Corporation (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contracts</td>
<td>$66,935.00</td>
<td>$79,269.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

C. Animal Science Livestock Center

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sawmill Road Complex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Contract</td>
<td>$516,800.00</td>
<td>$531,200.00</td>
</tr>
<tr>
<td>(4 bids received 6-11-71)</td>
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<td></td>
</tr>
<tr>
<td>Trapp Construction Co. (Columbus)</td>
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<td></td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. BC-1 Delete range shelters</td>
<td>$17,500.00</td>
<td>9,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$499,300.00</td>
<td>$522,200.00</td>
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</tbody>
</table>
July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

Sawmill Road Complex (continued)

<table>
<thead>
<tr>
<th>Plumbing Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limbach Company (Columbus)</td>
<td>$159,500.00</td>
<td>$146,200.00</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Heating, Ventilating and Air Conditioning Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duckworth Plumbing Co. (Columbus)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electrical Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>S &amp; S Electric Co. (Columbus)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sanitary and Storm Sewer Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith &amp; Bruce Co. (Columbus)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site Improvement Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>George J. Igel Co. (Columbus)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Sawmill Road Complex</th>
</tr>
</thead>
<tbody>
<tr>
<td>$916,070.00</td>
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</table>

General Contract

<table>
<thead>
<tr>
<th>Plumbing Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Umbaugh Pole Buildings Co. (Delaware, Ohio)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Heating, Ventilating and Air Conditioning Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duckworth Plumbing Co. (Columbus)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electrical Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reco Electric Co. (Columbus)</td>
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</table>
### VII. REPORT OF AWARD OF CONTRACTS (continued)

#### C. Animal Science Livestock Center (continued)

**Case Road Complex (continued)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
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<tbody>
<tr>
<td>Sanitary and Storm Sewer Contract</td>
<td>$33,300.00</td>
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<tr>
<td>George J. Igel Co. (Columbus)</td>
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<tr>
<td>Site Improvement Contract</td>
<td>$28,000.00</td>
<td>$19,000.00</td>
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<tr>
<td>Farley Paving, Inc. (Columbus)</td>
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<tr>
<td><strong>Total Case Road Complex</strong></td>
<td>$461,852.00</td>
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<tr>
<td><strong>Waterman Farm Complex</strong></td>
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<tr>
<td>General Contract</td>
<td></td>
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<tr>
<td>(5 bids received 6-16-71)</td>
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<tr>
<td>Central Ohio Construction Co. (Columbus)</td>
<td>$239,160.00</td>
<td>$274,450.00</td>
</tr>
<tr>
<td>Plumbing Contract</td>
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<tr>
<td>(4 bids received 6-16-71)</td>
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<tr>
<td>Duckworth Plumbing Co. (Columbus)</td>
<td>$46,000.00</td>
<td>44,950.00</td>
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<tr>
<td>Heating, Ventilating and Air Conditioning Contract</td>
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</tr>
<tr>
<td>(6 bids received 6-16-71)</td>
<td></td>
<td></td>
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<tr>
<td>Duckworth Plumbing Co. (Columbus)</td>
<td>$46,000.00</td>
<td>34,900.00</td>
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<tr>
<td>Electrical Contract</td>
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<tr>
<td>(6 bids received 6-16-71)</td>
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<td></td>
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<tr>
<td>Pence Electric Co. (Columbus)</td>
<td>47,498.00</td>
<td>64,450.00</td>
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<td>Sanitary and Storm Sewer Contract</td>
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<tr>
<td>(2 bids received 6-16-71)</td>
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<tr>
<td>Utilicon Co. (Hilliard, Ohio)</td>
<td>37,698.00</td>
<td>12,350.00</td>
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<tr>
<td>Site Improvement Contract</td>
<td></td>
<td></td>
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<tr>
<td>(2 bids received 6-16-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George J. Igel Co. (Columbus)</td>
<td>17,200.00</td>
<td>11,000.00</td>
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<tr>
<td><strong>Total Waterman Farm Complex</strong></td>
<td>$433,865.00</td>
<td>$442,100.00</td>
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<tr>
<td><strong>Total Contracts for All Complexes</strong></td>
<td>$1,811,487.00</td>
<td>$1,886,300.00</td>
</tr>
</tbody>
</table>
July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

*All bids on the Plumbing, Heating, Ventilating and Air Conditioning, and Site Improvement Contracts for the Sawmill Road Complex; the Plumbing, Sanitary and Storm Sewer, and Site Improvement Contracts for the Case Road Complex; and the Plumbing, Heating, Ventilating and Air Conditioning, Sanitary and Storm Sewer, and Site Improvement Contracts for the Waterman Farm Complex were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidder is recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 235-010 (Board of Regents Architectural Planning) and Item 315-068 (College of Agriculture), H. B. 531.

D. Cockins Hall Remodeling

General Contract
(5 bids received 6-10-71)
Waller & Lund, Inc. (Columbus)
Base bid $168,680.00 $167,900.00
Alt. G-2 Additional work for HVAC equipment to be added later
Total Contract $172,020.00 $174,400.00

Plumbing Contract
(5 bids received 6-10-71)
R. H. Reeb Plumbing and Piping Co. (Columbus)
Base bid $19,270.00 $10,000.00

Heating, Ventilating and Air Conditioning Contract
(5 bids received 6-10-71)
Julian Speer Company (Columbus)
Base bid $8,200.00 $8,300.00
Alt. HVAC-3 Air Condition Room 004 1,750.00 1,000.00
Total Contract 9,950.00 9,300.00

Electrical Contract
(7 bids received 6-10-71)
Mid-City Electric Co. (Columbus)
Base bid $114,193.00 $135,800.00
Alt. E-3 Air condition Room 004 269.00 1,000.00
Total Contract $114,462.00 $136,200.00

Total Contracts $315,702.00 $329,900.00
VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Cockins Hall Remodeling (continued)

All bids on the Plumbing and Heating, Ventilating and Air Conditioning Contracts were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidder is recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801181 (Cockins Hall).

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

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:


36 Approves the award of contracts for the General and Laboratory Equipment work on the project "Agricultural Technical Institute, Wooster" notwithstanding the fact that the low bids were over the estimate of cost and the release of $2,880,000 from Item 366-001 so that these contracts may be awarded.

37 Approves the release of $289,800 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Renovation and Air Conditioning University School."

38 Approves the release of $443.68 from Item 315-064 "Journalism Building Expansion," H. B. 531, to provide for consulting engineer's fees on this project.

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Clinical Medical Sciences Education Facility - Employment of Associate Architect

On June 4, 1971, the Board of Trustees approved the employment of Page Southerland Page as the principal architects on this project.
IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Clinical Medical Sciences Education Facility - Employment of Associate Architect (continued)

President Fawcett recommended that the architectural firm of Dan A. Carmichael, Columbus, Ohio, be employed as Associate Architect to Page Southerland Page to supplement local representation of that firm.

The fee for this service will be part of the overall architectural fee being negotiated by the Department of Public Works with Page Southerland Page.

Funds for this project have been provided from Item 315-016 Medical Complex, H. B. 531, a Public Health Service Grant, and local Hospital funding.

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

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edison L. Bowers, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics; Frank A. Hartman, Professor Emeritus in the Department of Physiology; and Harvey Walker, Professor Emeritus in the Department of Political Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edison L. Bowers

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 11, 1971, of Edison L. Bowers, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics.

Professor Bowers was born in Massillon, Ohio, on May 24, 1888. He received the A.B. degree from Heidelberg College in 1922. Coming to The Ohio State University for graduate work, he received the M.A. degree in 1923, and the Ph.D. degree in 1928. Simultaneously, he was advancing as a faculty member at the University from Teaching Assistant in 1923 to Professor in 1941. In 1941, he was also appointed as Chairman of the Department of Economics, a position he held until 1963. In 1950, he was awarded the L.H.D. degree by Heidelberg College.

From Professor Bowers' first association with the Department of Economics of the University, he was influenced in his choice of professional field by Mathew B. Hammond, the first Chairman of the Department in the College of Commerce and Journalism, as it was then named. Dr. Hammond was recognized as an authority in the fields of labor relations and social insurance,
July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Edison L. Bowers (continued)

both in Ohio and nationally. Edison Bowers followed in this path, and promptly achieved state and national recognition in these fields in his own right. He was a member of the Ohio Advisory Council on Unemployment Compensation from its founding in 1937 until March 1971. Throughout his active career, he was continuously involved in such educational and public service organizations as the National War Labor Board (World War II), Ohio Disability Insurance Commission, American Institute for Property and Liability Underwriters, The S. S. Huebner Foundation for Insurance Education, and the American College of Life Underwriters. In addition, he was a member of several honorary, academic fraternities and national learned societies.

Upon such an extensive participation in the extracurricular counterparts of his academic interests, Professor Bowers also built a full career in University teaching and administration. In addition to the Chairmanship of the Department of Economics, he was called upon for extensive service on University wide councils and committees too numerous to mention. Yet, he continued classroom teaching in the various branches of insurance, at both undergraduate and graduate levels as his own schedule permitted. Thus, he never became separated from the students of the Department. In addition to all of these activities, he was joint author for two different texts for use in his chosen fields.

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

B. Frank A. Hartman

The Board of Trustees expresses its sorrow at the death on March 21, 1971, of Frank A. Hartman, Professor Emeritus in the Department of Physiology.

Dr. Hartman was born in Gibbon, Nebraska, on December 4, 1883. He attended the University of Kansas where his outstanding scholastic abilities led to his election to Phi Beta Kappa. Following graduation in 1905, he taught high school biology and coached the track team for one year in Illinois. He then returned to Kansas as a part-time student and school teacher and received his M.A. degree from the University of Kansas in 1909. He then moved to the northwest and taught in the Seattle school system while working toward his Ph.D. degree in Chemistry. This was received in 1914 from the University of Washington.

Dr. Hartman was appointed the Austin Teaching Fellow in Physiology at Harvard University and the following year moved to the University of Toronto. At that institution he was successively Lecturer, Assistant and then Associate Professor of Physiology. He was appointed Professor of Physiology and Chairman of the Department of Physiology at the University of Buffalo in 1919 and came to Ohio State in 1934 as Professor and Chairman of the Department of Physiology. He had, by that time, a considerable reputation as an
July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Frank A. Hartman (continued)

authority on the function of the adrenal gland and was the first to prepare a physiologically active extract of that gland. His work provided much of the basis for our present knowledge of the adrenal steroids. He became a Research Professor in 1947 and attained Emeritus status in 1954. He continued an active research program up to the time of his death.

Dr. Hartman was the author or co-author of 174 scientific papers. In 1949, with Dr. Katharine Brownell, he wrote the first definitive textbook on the adrenal gland. Dr. Hartman received many honors during his long and active career. Among them were The Chancellor's Medal of the University of Buffalo, The Gold Medal of the American Medical Association, and The Schoellkoff Medal of the American Chemical Society. He was a member of many professional and scientific societies and in 1935 served as President of the Endocrine Society, then known as the Association for Study of Internal Secretions.

Dr. Hartman was a scientist's scientist, a dedicated investigator, and an outstanding individual. He served as a model and inspiration for many students, colleagues, and friends.

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

C. Harvey Walker

The Board of Trustees expresses its sorrow at the death on May 22, 1971, of Harvey Walker, Professor Emeritus in the Department of Political Science.

Professor Walker was born on February 24, 1900, in Des Moines, Iowa. He received his A.B. degree from the University of Kansas, his M.A. and Ph.D. degrees from the University of Minnesota, and his LL.B. degree from The Ohio State University.

Dr. Walker joined the faculty of The Ohio State University in 1928 and rose to the rank of Professor in 1935. He served that post with distinction until his retirement in 1967, at which time he was named Professor Emeritus.

During his long career, Professor Walker became known throughout the world as a teacher, scholar, and government consultant. He served as Visiting Professor at the American University, the University of Idaho, and (immediately after retirement at Ohio State) at the University of Kansas.

His government and civic appointments were numerous and significant. He was Superintendent of the Budget for the State of Ohio from 1929-1931, and Secretary of the Ohio Municipal League during those same years. In 1951-1952 he served as United Nations Professor, Brazilian School of Public
July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Harvey Walker (continued)

Administration, Rio de Janeiro. He was Consultant to charter and constitutional revision committees in Kansas, Minnesota, Ohio, and West Virginia, and to governmental units abroad. And at the time of his death, was Associate Director of an important task force of the Adult Parole Authority of the Ohio Division of Corrections.

During the Second World War, Professor Walker saw service with the U. S. Army fiscal department and rose to the rank of Lieutenant Colonel. Following his return to University life, he attended The Ohio State University College of Law and was subsequently admitted to the Ohio State and American Bar Associations and to the practice of law before Ohio Courts and the U. S. Supreme Court.

Throughout his career, Professor Walker set as his high task the bringing of scholarly knowledge and wisdom to the practical affairs of government. He was a dedicated teacher, and many of his former students occupy positions of importance in governments throughout the world. His list of publications is long, and the international recognition which he achieved is represented in his having been awarded the Commander's Cross of the Order of Merit of West German Republic and the Commander's Cross of the Order of the Southern Cross of Brazil. He was a scholar, active to the last, who will be missed.

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

XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Resolution Ratifying and Confirming Approval of Trust Agreement and First Supplemental Trust Agreement Pertaining to the University’s General Receipts Bonds

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. William Safford, presented the following resolution:

WHEREAS, by resolutions duly adopted by this Board of Trustees on May 7, 1971, the University authorized the issuance from time to time of General Receipts Bonds and as a first thereof $4,500,000 General Receipts Bonds, Series 1971, which resolutions authorized the execution and delivery of forms of Trust Agreement (see page 49) and First Supplemental Trust Agreement (see page 83) pertaining to such Bonds; and
XI. REPORTS (continued)

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

1. Resolution Ratifying and Confirming Approval of Trust Agreement and First Supplemental Trust Agreement Pertaining to the University's General Receipts Bonds (continued)

WHEREAS, the forms of such Trust Agreement and First Supplemental Trust Agreement have been finalized and have been submitted to this Board in such form for approval;

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

Section 1. The Trust Agreement which has been submitted to this meeting by and between the University and The Huntington National Bank of Columbus, Trustee, dated as of June 1, 1971, referred to in the General Bond Resolution adopted by this Board on May 7, 1971, is hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 16 of the General Bond Resolution are hereby ratified and confirmed.

Section 2. The First Supplemental Trust Agreement which has been submitted to this meeting by and between the University and The Huntington National Bank of Columbus, Trustee, dated as of June 1, 1971, referred to in the Series 1971 Resolution adopted by this Board on May 7, 1971, is hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 9 of the Series 1971 Resolution are hereby ratified and confirmed.

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

2. Resolution - Amendment to an Action of Board of Trustees Taken May 7, 1971

Mr. Safford, Chairman of the Finance and Investment Committee, presented the following resolution:

BE IT RESOLVED by the Board of Trustees of The Ohio State University that the Trust Agreement and First Supplemental Trust Agreement, both of which have been submitted to this meeting, by and between the University and The Huntington National Bank of Columbus, Trustee, both dated as of June 1, 1971, referred to, respectively, in the General Bond Resolution and the Series 1971 Resolution both adopted by this Board on May 7, 1971, are hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 16 of the General Bond Resolution and in Section 9 of the Series 1971 Resolution are hereby ratified and confirmed; that the award of the $4,500,000 General Receipts Bonds, Series 1971 pursuant to the Certificate of Award submitted to this
July 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

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

2. Resolution - Amendment to an Action of Board of Trustees Taken May 7, 1971 (continued)

meeting, is hereby approved and confirmed; and that Section 5(b) of the Series 1971 Resolution, adopted by this Board on May 7, 1971, be amended by deleting the second sentence of such section.

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

B. Report on the University’s Investment Portfolio

The report dated July 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University’s Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

Mr. Shocknessy concluded the meeting with the following statement:

We will have an effective Black Studies division. We are committed to that—we committed ourselves to that last year when we appointed the first Chairman. It is hoped that the President will come to this Board with a recommendation for a successor to the Chairmanship of this division promptly. I should like to note that before this meeting the members of this Board were served with summons and a petition in an action filed on behalf of Mr. Charles Ross. I told Mr. Johnson, who has apparently left the room, that I might have something to say with respect to his request that we release all the information that we have relating to our decision on Mr. Ross. I said that, however, before we heard Mr. Cummins. It would seem to me that Mr. Cummins had access to a great deal of information which was also available to Mr. Johnson and others. But with the case now pending in the United States District Court, there is not a great deal we will be able to say in addition to what has already been said. Since filing and service have been accomplished, the case will undoubtedly come before the District Court and the whole matter will be portrayed there. Meanwhile, it is my personal belief that an adequate amount of information not only has been provided to us but has also been put into the public domain.

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

Attest:

Edward Q. Mouton
Secretary

James W. Shocknessy
Chairman
TRUST AGREEMENT

between

THE OHIO STATE UNIVERSITY

and

THE HUNTINGTON NATIONAL BANK OF COLUMBUS,

Trustee

Dated

as of

June 1, 1971

Securing

THE OHIO STATE UNIVERSITY

GENERAL RECEIPTS BONDS
TRUST AGREEMENT

THIS TRUST AGREEMENT (hereinafter called the "Agreement") dated as of the first day of June, 1971, by and between The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, and The Huntington National Bank of Columbus, a bank organized and existing under and by virtue of the laws of the United States of America and duly authorized to exercise corporate trust powers in the State of Ohio, with its principal place of business located in Columbus, Ohio (hereinafter, with any successors, called the "Trostee"), as Trustee.

WITNESSETH:

WHEREAS, by the Constitution and laws of the State of Ohio, and particularly Sections 3345.11 and 3345.12 of the Ohio Revised Code, and pursuant to the General Bond Resolution referred to below and constituting a part hereof, the University is authorized and empowered to, among other things, enter into this Agreement and to do or cause to be done all the acts and things herein provided or required to be done, and to issue the General Receipts Bonds of the University as hereinafter provided for; and

WHEREAS, the University has determined to sell an initial issue of General Receipts Bonds of the University and to enter into this Agreement to secure said initial issue of Bonds and additional Bonds issuable hereunder as set forth and declared in this Agreement; and

WHEREAS, the said General Bond Resolution is incorporated herein, constitutes an integral part of this Agreement, and provides, in its entirety, as follows:

(See May 7, 1971 Minutes, pages 474-493)

WHEREAS, all acts, conditions and things required to happen, exist and be performed precedent to and in the execution and delivery of this Agreement have happened, exist and been performed in order to make the Bonds, when authorized and issued in accordance with this Agreement, valid obligations of the University in accordance with the terms thereof and hereof, and in order to make this Agreement a valid, binding and legal trust agreement for the security of the Bonds in accordance with its terms; and

WHEREAS, the Trustee has accepted the trusts created by this Agreement, and in evidence thereof has joined in the execution hereof;

NOW THEREFORE, THIS TRUST AGREEMENT WITNESSETH, that in order to secure the payment of the Bond service charges on the Bonds according to their true intent and meaning, and to secure the performance and observance of all the covenants, agreement and conditions therein and herein contained and to declare the terms and conditions upon and subject to which the Bonds are and are intended to be issued, authenticated, delivered, accepted, held, secured, and
enforced, the University, in consideration of the premises and the acceptance by the Trustee of the trusts hereby created and for other good and valuable considerations, the receipt of which is hereby acknowledged, has executed and delivered this Trust Agreement and has pledged, and by these presents does hereby pledge, the General Receipts of the University, the General Receipts Bond Pledge Fund and the General Receipts Bond Service Fund unto The Huntington National Bank of Columbus, Columbus, Ohio, as Trustee, and to its successors in said trust and to it and its assigns, and does hereby covenant and agree to apply the General Receipts and Bond Pledge Fund to the extent and in the manner in this Agreement provided.

Bonds or of maturity, or otherwise, to the extent provided in and except as otherwise permitted by this Agreement, it being intended that the security of this Agreement shall take effect from the date hereof without regard to the date of actual issue, sale or disposition of the Bonds as though upon such date all the Bonds were actually issued, sold and delivered to purchasers for value; provided, however, that if all Bond service charges on the Bonds and coupons are paid or caused to be paid in accordance with Sections 9.01 and 9.02 of this Agreement, and the University shall well and truly keep, perform and observe all the covenants and conditions pursuant to the terms of this Agreement to be kept, performed and observed by it, and shall pay or cause to be paid to the Trustee and Paying Agents all sums of money due or to become due to them in accordance with the terms and provisions hereof, then this Agreement and the rights hereby granted shall cease, determine and be void; otherwise this Agreement shall be and remain in full force and effect.

And it is expressly declared that all Bonds issued and secured hereunder are to be issued, authenticated and delivered and all General Receipts and the Bond Pledge Fund are to be dealt with, disposed of, and applied, under, upon and subject to the terms, conditions, stipulations, covenants, agreements, trusts, uses and purposes provided in this Agreement and the University has agreed and covenanted, and does hereby further agree and covenant, with the Trustee and with the respective holders from time to time of the Bonds or coupons, or any part thereof, as follows:

ARTICLE I
DEFINITIONS

Section 1.01. Definitions. In addition to the words and terms elsewhere defined in this Agreement, including in the General Bond Resolution, and unless the context otherwise indicates, the terms "hereof", "herein", "hereby", "hereto", "hereunder", and similar terms, mean and refer to this Agreement; the term "office of" the Trustee, Paying Agent or Bond Registrar means the principal corporate trust office thereof; the term "Authorized Officer" means any officer or employee of the University or the Board authorized by or pursuant to law or action of the Board to perform the act or sign the document in question, and if there is no such authorization means the Chairman or Secretary of the Board, or the President or the Fiscal Officer of the University; and the term "Bond Registrar" means the keeper of the registrations books for the registration of the Bonds or a series of Bonds, as the case may be, which in each case shall be the Trustee except as may otherwise be provided pursuant to the Trust Agreement.
ARTICLE II
FORM, AUTHENTICATION, REGISTRATION
AND EXCHANGE OF BONDS

Section 2.01. Form of Bonds. The Bonds and coupons shall be substantially in the forms set forth in the respective Supplemental Trust Agreements entered into in connection therewith, all consistent with this Agreement.

Section 2.02. Authentication and Delivery of Bonds. Neither any Bond nor any coupon appertaining thereto shall be valid or become obligatory for any purpose or shall be entitled to any security or benefit under this Agreement unless and until an authentication certificate, substantially in the form set forth below, shall have been duly endorsed upon such Bond. Such certificate of the Trustee may be executed by any person duly authorized by the Trustee, but it shall not be necessary that the same person sign the authentication certificate on all of the Bonds. Said authentication certificate shall be substantially in the following form:

“This Bond is one of the Bonds issued under the provisions of the within mentioned Agreement and the Supplemental Trust Agreement thereto.”

The Trustee shall not authenticate or deliver any coupon Bonds unless all coupons annexed thereto and then matured shall have been detached and cancelled, except as may be permitted under Section 2.04 and Section 2.05 hereof.

Before the first issue of Bonds, and before any additional Bonds, are authenticated and delivered by the Trustee, there shall have been filed with the Trustee the following:

1. A copy, duly certified by an Authorized Officer, of a Series Resolution authorizing the issuance and delivery of the Bonds to be authenticated and delivered, adopted in conformity with Section 3 of the General Bond Resolution.

2. An original executed counterpart of the Supplemental Trust Agreement entered into connection with the issuance of such Bonds.

3. A request and authorization to the Trustee on behalf of the University, signed by an Authorized Officer, to authenticate and deliver the Bonds to, or on the order of, the Original Purchaser thereof who is therein identified, upon payment of a sum specified in such request and authorization.

4. A certificate of the Authorized Officers as provided for in the last paragraph of Section 13 of the General Bond Resolution.

5. The written opinion of counsel for the University, or other counsel satisfactory to the Trustee, to the effect that documents submitted to the Trustee in connection with the application then being made comply with the requirements of the Trust Agreement, and that in his opinion all conditions precedent to the issuance of such Bonds as provided in the Trust Agreement have been complied with; and a written opinion of bond counsel to the University, who may also be the counsel referred to above in this paragraph 5, that the Bonds the authentication of which is then
applied for, when duly executed and authenticated and delivered by the Trustee, will be valid and legal obligations of the University in accordance with their terms and will be secured by this Agreement with all Bonds at the time outstanding hereunder.

When the foregoing documents have been filed with the Trustee and the Bonds have been executed and authenticated, the Trustee shall deliver such Bonds to or on the order of the Original Purchaser thereof identified in the request and authorization referred to in numbered paragraph 3 of this Section, but only upon payment of the specified sum set forth in said request and authorization.

Section 2.03. Fully Registered Bonds. Fully registered Bonds shall be in the same denominations as authorized for coupon Bonds of the same series, and any multiple thereof. Unless otherwise provided in the applicable Series Resolution, each fully registered Bond shall be of a single maturity of the same series. Except as may be otherwise provided in the applicable Series Resolution, each fully registered Bond shall bear interest from its date and shall be dated as of the date of the coupon Bonds of the applicable series if authenticated prior to the first interest payment date for such series, and otherwise shall be dated as of the interest payment date next preceding the date of authentication, unless authenticated on an interest payment date in which case it shall be dated as of the date of its authentication; provided, however, that if at the time of authentication of any fully registered Bond interest thereon is in default, such Bond shall be dated as of the date to which interest has been paid.

Section 2.04. Transfer, Exchange and Registration of Bonds. Coupon Bonds, upon surrender thereof at the office of the Bond Registrar, with all unmatured coupons and all matured coupons in default, if any, appertaining thereto may, at the option of the holder thereof, be exchanged for an equal aggregate principal amount of fully registered Bonds of the same series and of any denomination or denominations authorized by the applicable Series Resolution, and bearing interest at the same rate and maturing on the same date or dates.

Fully registered Bonds, upon surrender thereof at the office of the Bond Registrar, together with an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar, may, at the option of the registered holder thereof, be exchanged for coupon Bonds of authorized denomination of the same series in the aggregate principal amount not exceeding the unmatured and unredeemed principal amount of such fully registered Bonds, bearing interest at the same rate and maturing on the same date or dates, with coupons attached representing all unpaid interest due or to become due thereon, or for fully registered Bonds of the same series of any denomination or denominations authorized by the applicable Series Resolution, in the aggregate principal amount not exceeding the unmatured and unredeemed principal amount of such fully registered Bonds, and bearing interest at the same rate and maturing on the same date or dates, or any combination of the foregoing.

Unless otherwise provided in the applicable Series Resolution the principal of and redemption premium, if any, on all registered Bonds (except coupon Bonds registered as to
principal to bearer) shall be payable at the office of the Trustee, and payment of the interest on fully registered Bonds shall be made on each interest payment date to the person appearing on the registration books hereinafter provided for as the registered holder thereof, by check or draft mailed by the Trustee to such registered holder at his address as it appears on such registration books.

Title to any coupon Bond, unless such Bond is registered as to principal (except to bearer), and to any coupon shall pass by delivery. Unless otherwise provided in the applicable Series Resolution, at the option of the holder any coupon Bond may be registered as to principal on registration books kept for that purpose at the office of the Bond Registrar, upon presentation thereof to the Bond Registrar which shall make notation of such registration thereon. Any such Bond registered as to principal (except to bearer) may thereafter be transferred only upon an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar, such transfer to be made on such books and endorsed on the Bond by the Bond Registrar. Such transfer may be to bearer and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before.

Any fully registered Bond may be transferred only upon the books for the registration and transfer of Bonds, upon surrender thereof at the office of the Bond Registrar together with an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar. Upon the transfer of any such fully registered Bond and on request of the Bond Registrar, the University shall execute in the name of the transferee a new fully registered Bond or Bonds of the same series, of any denomination or denominations permitted by the applicable Series Resolution, or coupon Bonds of the same series with coupons attached representing all unpaid interest due or to become due thereon, or a combination of the foregoing, in aggregate principal amount equal to the unmatured and unredeemed principal amount of such fully registered Bond, and bearing interest at the same rate and maturing on the same date or dates.

In all cases in which Bonds shall be exchanged or fully registered Bonds shall be transferred thereunder, the University shall execute and the Trustee shall authenticate and deliver Bonds in accordance with the provisions of this Agreement. Except as may otherwise be provided in an applicable Series Resolution as to the series of Bonds authorized by such resolution, the University, the Trustee and the Bond Registrar may make a charge for any such exchange or transfer of Bonds authorized by such Series Resolution sufficient to reimburse them for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer and sufficient to reimburse them for all other costs and expenses incurred in connection with such exchange or transfer, and any such charge shall be paid before any such new Bond shall be delivered. Neither the University, the Trustee nor the Bond Registrar shall be required to make any such exchange or transfer of any Bond during the ten days next preceding an interest payment date on the Bonds of the same series or next preceding any selection of Bonds of the same series to be redeemed, or after such Bond has been selected for redemption.
As to any coupon Bond registered as to principal or fully registered Bond, the person in whose name the same shall be registered shall be deemed and regarded as the absolute owner thereof for all purposes, and payment of or on account of the principal of and any premium on any such Bond and the interest on such fully registered Bond shall be made only to or upon the order of the registered holder thereof or his legal representative, and neither the University, Bond Registrar, Trustee nor any Paying Agent shall be affected by any notice to the contrary, but such registration may be changed as hereinabove provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bond, including the interest thereon, to the extent of the sum or sums so paid. The University, Bond Registrar, Trustee and any Paying Agent may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal or which shall be registered as to principal to bearer, and the bearer of any coupon appertaining to any coupon Bond whether such coupon Bond shall be registered as to principal or not, as the absolute owner of such Bond or coupon, as the case may be, whether such Bond or coupon shall be overdue or not, for the purpose of receiving payment thereof and for all other purposes whatsoever, and neither the University, Bond Registrar, Trustee nor any Paying Agent shall be affected by any notice to the contrary.

In case any fully registered Bond is redeemed in part only, on or after the redemption date and upon surrender of such Bond to the Trustee the University shall execute and the Trustee shall authenticate and deliver, without charge to the bondholder, a new Bond or Bonds in authorized denominations and in aggregate principal amount equal to the unredeemed portion of such Bond.

So long as any of the Bonds remain outstanding, the University will cause to be maintained and kept, at the Trustee as Bond Registrar, books for the aforesaid registration and transfer, except that as to any series of Bonds an additional or different Bond Registrar may be designated in the applicable Series Resolution.

Section 2.05. Mutilated, Lost, Wrongfully Taken or Destroyed Bonds or Coupons. In the event any Bond is mutilated, lost, wrongfully taken or destroyed, the University shall execute and the Trustee shall authenticate a new Bond of like date, maturity and denomination as that mutilated, lost, wrongfully taken or destroyed, which new Bond, if a coupon Bond, shall have attached thereto coupons corresponding in all respect to those (if any) on the Bond mutilated, lost, wrongfully taken or destroyed, provided that in the case of any mutilated Bond such mutilated Bond together with all coupons (if any) appertaining thereto shall first be surrendered to the Trustee, and in the case of any lost, wrongfully taken or destroyed Bond there shall be first furnished to the University and the Trustee evidence of such loss, wrongful taking or destruction satisfactory to the Authorized Officer of the University and to the Trustee, together with indemnity satisfactory to them. In the event any such lost, wrongfully taken or destroyed Bond (or any coupon or coupons appertaining thereto) shall have matured, instead of issuing a new Bond (or
coupon or coupons appertaining thereto representing coupon or coupons that has or have matured),
the University, by its Authorized Officer, may direct the Trustee to pay the same without surrender
thereof upon the furnishing of the evidence and satisfactory indemnity as in the case of issuance of
a new Bond. The University and the Trustee may charge the holder of the applicable Bond with
their reasonable fees and expenses in connection with their actions pursuant to this paragraph.

Every new Bond issued pursuant to this Section shall, with respect to such Bond and any
coupons appertaining thereto, constitute an additional contractual obligation of the University,
whether or not the lost, wrongfully taken or destroyed Bond or coupon appertaining thereto shall
be found at any time, and shall be entitled to all the benefits of this Agreement equally and
proportionately with any and all other Bonds of the same series, and coupons appertaining thereto,
duly issued hereunder. Any new Bond issued pursuant to this Section, and any coupons
appertaining thereto, may contain a statement to the effect that they are issued to replace a
mutilated, lost, wrongfully taken or destroyed Bond and the coupons, if any, appertaining thereto.

All Bonds and coupons shall be held and owned on the express condition that the
foregoing provisions of this Section are exclusive with respect to the replacement or payment of
mutilated, lost, wrongfully taken or destroyed Bonds and coupons appertaining thereto and shall
preclude any and all other rights or remedies, including payment or replacement of detached
coupons separately lost, wrongfully taken or destroyed, notwithstanding any law or statute existing
or hereafter enacted to the contrary with respect to the replacement or payment of negotiable
instruments or other securities without their surrender.

The Trustee shall promptly advise in writing the Paying Agents of the applicable series of
the issuance pursuant to this Section of new Bonds or coupons appertaining thereto and of the
payment pursuant to this Section of any matured Bond or coupon.

Section 2.06. Safekeeping and Cancellation of Bonds. Any Bond or any coupon
surrendered for the purpose of payment or retirement, or for exchange, or for replacement or
payment pursuant to Section 2.05, shall be cancelled upon surrender thereof to the Trustee or
Paying Agents, provided, however, that any coupon Bond surrendered for exchange may, at the
option of the Trustee, instead of being cancelled as provided above, be held in safekeeping by the
Trustee for re-issuance and may be reissued in an exchange pursuant to Section 2.04 hereof, and
any such Bond and coupons appertaining thereto shall, if not so reissued, be cancelled by the
Trustee immediately after maturity and certification of such cancellation shall be made to the
University as provided in this Section. Any such Bonds and coupons cancelled by a Paying Agent
other than the Trustee shall be promptly transmitted by such Paying Agent to the Trustee.
Certification of such surrender and cancellation, and of any coupon Bonds held in safekeeping by
the Trustee for re-issuance pursuant to this section, shall be made to the University by the Trustee
at least twice each fiscal year. Cancelled Bonds and coupons shall promptly be cremated by the
Trustee, and certificates of such cremation provided by the Trustee to the University.
ARTICLE III
REDEMPTION OF BONDS

Section 3.01. Privilege of Redemption. The Bonds shall be subject to redemption prior to maturity to the extent, at such times and in the manner provided in the General Bond Resolution and in the applicable Series Resolution, all subject to this Agreement.

Section 3.02. University's Election to Redeem. The University, except in the case of redemption pursuant to any mandatory sinking fund requirements provided for in any Series Resolution, shall give written notice to the Trustee of its election to so redeem in accordance with the applicable Series Resolution or Resolutions, of the places where the amounts due upon such redemption are payable, of the redemption date, and of the principal amount of each maturity of each series of redeemable Bonds to be redeemed, which notice shall be given at least forty-five days prior to the redemption date or within such shorter period as shall be acceptable to the Trustee.

If less than all of the Bonds of a series of any one maturity shall be called for redemption, the particular Bonds to be redeemed in whole or in part shall, unless other provision for such selection be made in the applicable Series Resolution, be selected by lot by the Trustee in such manner as the Trustee in its discretion may determine.

Section 3.03. Notice of Call for Redemption. When the Trustee shall receive notice from the University of its election to redeem Bonds, or in order to carry out any mandatory sinking fund requirements of a Series Resolution, the Trustee shall give notice of call for redemption as provided for in Section 4 of the General Bond Resolution, and also shall mail a copy of such notice to all registered holders of Bonds to be redeemed in whole or in part at their addresses as they appear on the registration books provided for in Section 2.04 hereof and to holders of all other Bonds to be redeemed who have their names and addresses on the list of bondholders provided for in Section 6.10 hereof; provided that failure to mail such notice shall not affect in any respect the validity of the proceedings for such redemption.

Section 3.04. Payment of Redeemed Bonds. In the event notice of call for redemption shall have been given as in Section 3.03 hereof provided, the Trustee, if it holds the moneys to be applied to the payment of the redemption price and accrued interest, or otherwise the University, shall not less than one business day prior to the redemption date pay to the appropriate Paying Agents identified in such notice an amount in cash which, in addition to other moneys, if any, available therefor held by the Paying Agents, will be sufficient to redeem at the redemption price thereof plus interest accrued to the redemption date all of the Bonds (and portions of fully registered Bonds) which the University has so elected to redeem; provided that to the extent that the amount needed by a Paying Agent for such purpose is not sufficiently predictable, the Trustee may make such credit arrangements with such Paying Agent as to permit meeting such payments. The University shall promptly notify the Trustee in writing of any payments made by the University to a Paying Agent pursuant to this paragraph.
Notice having been given in the manner provided in Section 3.03 hereof, the Bonds (and portions of fully registered Bonds) so called for redemption shall become due and payable on the redemption date so designated at the redemption price, plus interest accrued to the redemption date, upon presentation and surrender thereof together with all appurtenant coupons maturing subsequent to the redemption date at the place or places specified in such notice, and such Bonds (and portions of fully registered Bonds) shall be paid at the redemption price plus interest accrued to the redemption date. All interest installments represented by coupons which shall have matured on or prior to the redemption date shall continue to be payable to the bearers of such coupons.

If, on the redemption date, moneys for the redemption of all such Bonds (and portions of fully registered Bonds) to be redeemed, together with interest to the redemption date, are held as provided in Section 4 of the General Bond Resolution, then from and after the redemption date such Bonds and portions of fully registered Bonds so called for redemption, and all appurtenant coupons maturing subsequent to the redemption date, shall no longer be considered as outstanding hereunder.

All moneys held by the Trustee or Paying Agents for the redemption of particular Bonds shall be held in trust for the account of the holders thereof and shall be paid to them respectively upon presentation and surrender of such Bonds.

ARTICLE IV

FURTHER PROVISIONS AS TO FUNDS AND PAYMENTS

Section 4.01. Non-presentment of Bonds or Coupons; Unclaimed Moneys. In the event any Bonds shall not be presented for payment when the principal thereof becomes due, either at maturity, at the date fixed for redemption thereof, or otherwise, or in the event any coupon shall not be presented for payment at the due date thereof, if moneys for the purpose of paying, and sufficient to pay, such Bond or coupon shall have been made available to the Paying Agents therefor, it shall be the duty of the Paying Agents to hold such moneys in trust, without liability to the University or the Trustee or the bondholder for interest thereon, for the benefit of the holder of such Bond or coupon, who shall, subject to the provisions of this section, thereafter be restricted exclusively to such moneys for any claim of whatever nature on his part under this Agreement or on, or with respect to, said Bond or coupon. Any moneys which shall be so held by the Paying Agents, and which remain unclaimed by the holder of the Bond or coupon not presented for payment, for a period of three years after the date on which such Bond or coupon shall have become payable as provided above shall upon request in writing by the University be paid to the University and thereafter the holder of such Bond or coupon shall look only to said University for payment and then only to the amounts, or to the extent of amounts, so received by it without any interest thereon, and the Paying Agents and Trustee shall have no further responsibility with respect to such moneys.

The moneys paid to the University pursuant to this Section 4.01 shall be credited by it to a special fund of the University, as a trust fund separate and apart from other funds of the
University, to be maintained in an account or accounts with a bank or banks that are members of the Federal Deposit Insurance Corporation, or invested in eligible investments. The University shall keep a record of the amounts with respect to each series of Bonds, and to Bonds and coupons of such series, so deposited in said special fund, and moneys in such fund shall be applied to payment of Bond service charges on the Bonds with respect to which such money is transferred to the University. Investment income from any investments of moneys in such special fund may be credited to the general funds of the University. Moneys in such special fund unclaimed for fifteen years after such moneys are paid to the University shall become the absolute property of the University free from trust.

Section 4.02. Moneys to be Held in Trust. All moneys required or permitted to be deposited with or paid to the Trustee or any Paying Agent under any provision of the Trust Agreement, and any investments thereof, shall be held by the Trustee or such Paying Agent in trust for the purposes intended and shall, while so held, be subject to the lien hereof.

Moneys and investments in the custody of the University in the Bond Pledge Fund and any other special fund or account created under or pursuant to this Agreement as a trust fund shall constitute trust funds for the purposes intended and shall while so held be subject to the lien hereof, and the University covenants that it may be held accountable as the trustee of an express trust for the application and disposition thereof solely to the respective uses and purposes in this Agreement provided.

The pledge and lien created by the Agreement shall be valid and binding from and after the time made against all parties having claims of any kind against the University.

Section 4.03. Reports by Trustee to the University. The Trustee shall, at least once a month, submit to the University a report of moneys and investments held by it pursuant to this Agreement, and of any transactions involving such moneys and investments, including any sales of investments and reinvestments thereof, and any transfers as between special funds and accounts. The Trustee shall immediately advise the University of any failure timely to receive payments to the Bond Service Fund pursuant to Section 7 of the General Bond Resolution, and of any transfer by the Trustee from the Bond Service Reserve Account to the Bond Service Account pursuant to the second paragraph of Section 9 of the General Bond Resolution.

ARTICLE V

ADDITIONAL COVENANTS OF THE UNIVERSITY

Section 5.01. Extension of Payment of Bonds and Coupons. The University shall not directly or indirectly extend or assent to the extension of the maturity of any of the Bonds or the time of payment of any of the coupons or claims for interest, by the purchase or funding of such Bonds, coupons or claims for interest or by any other arrangement and in case the maturity of any of the Bonds or the time for payment of any such coupons or claims for interest shall be extended, such Bonds, coupons or claims for interest shall not be entitled in case of any event of default under
this Agreement to the benefit of this Agreement or to any payment out of the funds (except funds held for the payment of particular Bonds, coupons or claims for interest pursuant to this Agreement) held by the Trustee or any Paying Agent except subject to the prior payment of the principal of all Bonds issued and outstanding the maturity of which has not been extended and of such portion of the accrued interest on the Bonds as shall not be represented by such extended coupons or claims for interest. Nothing herein shall be deemed to limit the right of the University to issue any duly authorized refunding Bonds and such issuance shall not be deemed to constitute an extension of maturity of Bonds.

Section 5.02. Power to Issue Bonds and Make Pledges. The University is duly authorized pursuant to law to create and issue the Bonds and coupons and enter into this Agreement and to pledge the General Receipts, the Bond Pledge Fund and the Bond Service Fund and other special funds and accounts purported to be pledged in the manner and to the extent provided in this Agreement. The Bonds and coupons are and will be the valid and legally enforceable obligations of the University and the provisions of this Agreement are and will be the valid and legally enforceable obligations of the University, all in accordance with their terms and the terms of this Agreement. The University shall at all times, to the extent permitted by law, defend, preserve and protect the pledge of the General Receipts, the Bond Pledge Fund and the Bond Service Fund and other special funds and account under this Agreement and all the rights of the bondholders under this Agreement against all claims and demands of all persons whomsoever.

Section 5.03. Accounts and Reports. The University shall keep or cause to be kept proper books of record and account in which complete and correct entries shall be made of its transactions relating to the Trust Agreement and special funds and accounts, which records shall be subject to inspection and audit in accordance with Section 15(f) of the General Bond Resolution.

ARTICLE VI

THE TRUSTEE AND PAYING AGENTS

Section 6.01. Trustee's Acceptance and Responsibilities. The Trustee hereby accepts the trust imposed upon it by this Agreement, and agrees to perform said trusts as an ordinarily prudent trustee under a trust agreement, but only upon and subject to the following express terms and conditions:

(a) The Trustee may execute any of the trusts or powers hereof and perform any of its duties by or through attorneys, agents, receivers or employees but shall be answerable for the conduct of the same in accordance with the standard specified above, and shall be entitled to advice of counsel concerning all matters of trusts hereof and duties hereunder, and may in all cases pay such reasonable compensation to all such attorneys, agents, receivers and employees as may reasonably be employed in connection with the trusts hereof. The Trustee may act upon the opinion or advice of any attorney (who
may be the attorney or attorneys for the University), approved by the Trustee in the exercise of reasonable care. The Trustee shall not be responsible for any loss or damage resulting from any action or non-action in good faith in reliance upon such opinion or advice.

(b) Except for its certificate of authentication on the Bonds, the Trustee shall not be responsible for any recital herein or in the Bonds (which recital shall be deemed to be made solely by the University), or for the validity or priority of this agreement or for the validity of the execution by the University of this Agreement or of any Supplemental Trust Agreements or instruments of further assurance, or for the sufficient security for the Bonds issued hereunder or intended to be secured hereby, and, except as provided in the Trust Agreement, the Trustee shall not be responsible for the deposit, application or expenditure of the proceeds of the Bonds, for the construction, maintenance or operation of the University Facilities financed in whole or in part from the proceeds of Bonds, or for the deposit of General Receipts into the Bond Pledge Fund, all of which shall be deemed covenants and responsibilities of the University, and the Trustee shall not be bound to ascertain or inquire as to the correctness of any information, statements, reports, or certificates furnished or to be furnished by the University or as to the performance or observance of any covenants, conditions or agreements on the part of the University under the Trust Agreement, but the Trustee may require of the University full information and advice as to the performance of the covenants, conditions and agreements aforesaid.

(c) The Trustee shall be protected in acting upon any notice, request, consent, certificate, report, order, budget, affidavit, letter, telegram, or other paper or document believed to be genuine and correct and to have been signed or sent by the proper person or persons, provided, however, that in the case of any such item which by any provision of the Trust Agreement is required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not it conforms to the requirements of this Agreement. Any action taken by the Trustee pursuant to the Trust Agreement upon the request or authority or consent of any person who at the time of making such request or giving such authority or consent is the holder of any Bond, shall be conclusive and binding upon all future holders of the same Bond and upon Bonds issued in exchange therefor or in place thereof.

(d) As to the existence of non-existence of any fact or as to the sufficiency or validity of any instrument, report, paper or proceedings, the Trustee shall be entitled to rely upon a certificate signed on behalf of the
University or the Board by an Authorized Officer thereof, or on behalf of any governmental agency by the officer, or an assistant thereto, having charge of the appropriate records, as sufficient evidence of the facts therein contained: and prior to the occurrence of an event of default of which the Trustee has notice the Trustee shall also be at liberty to accept a similar certificate to the effect that any particular dealing, transaction or action is necessary or expedient, but may at its discretion obtain such further evidence deemed necessary or advisable, but shall in no case be bound to secure the same. The Trustee may accept a certificate of the officer, or an assistant thereto, having charge of the appropriate records to the effect that legislation in the form therein set forth has been enacted by the University, the Board or any governmental agency as conclusive evidence that such legislation has been duly adopted and is in full force and effect.

(e) The permissive right of the Trustee to do things enumerated in this Agreement shall not be construed as a duty and the Trustee, subject to the above provisions of this Article, shall not be answerable for other than its negligence, bad faith or willful default.

(f) Except as may be expressly required by law or the Trust Agreement, the Trustee shall not be required to give any bond or surety in respect of the execution of the said trusts and powers or otherwise in respect of the premises.

(g) Notwithstanding anything elsewhere in this Agreement contained, the Trustee shall have the right, but shall not be required, to demand, in respect of the authentication of any Bonds, or any action whatsoever within the purview of the Trust Agreement, any showings, certificates, reports, opinions, or other information, or corporate action or evidence thereof, in addition to that by the terms hereof required as a condition of such action by the Trustee, deemed by it desirable for the purpose of establishing the right of the University to the authentication of any Bonds, or the taking of any other action by the Trustee.

(h) Before taking action under Section 6.03 of Article VII hereof, the Trustee may require that a satisfactory indemnity bond be furnished for the reimbursement of all expenses to which it may be put and to protect it against all liability, except liability which is adjudicated to have resulted from its negligence, bad faith or willful default by reason of any action so taken. The Trustee may, however, take such action without such indemnity, and in such case the University shall reimburse the Trustee for all such expense to which it may be put, from General Receipts available therefor.
Unless otherwise provided in the Trust Agreement, all moneys received by the Trustee under the Trust Agreement shall, until used or applied as therein provided, be held in trust for the purpose for which they were received but need not be segregated from other funds except to the extent required by the Trust Agreement or by law. The Trustee shall not be under any liability for interest on any moneys received by it under the Trust Agreement except such as may be provided in the Trust Agreement or otherwise agreed upon with the University, and except to the extent that such interest, if any, is paid on similar deposits.

Section 6.02. Fees, Charges and Expenses of Trustee and Paying Agents. Subject to any contract with the University, the Trustee shall be entitled to payment and/or reimbursement for reasonable fees for its services as Trustee rendered hereunder and also all its reasonable expenses, charges and other disbursements and those of its attorneys, agents and employees incurred in and about the administration and execution of the trusts hereby created and the performance of its powers and duties hereunder as Trustee. The Trustee and any Paying Agent shall be entitled to payment and reimbursement for the reasonable fees and charges as, respectively, Paying Agent and Bond Registrar, and Paying Agent, for the Bonds and coupons as hereinabove provided. Payment or reimbursement under this Section shall be from General Receipts available therefor.

Section 6.03. Intervention by Trustee. In any judicial proceeding to which the University or any governmental agency is a party and which in the opinion of the Trustee and its attorney has a substantial bearing on the interests of holders of the Bonds, the Trustee may intervene on behalf of bondholders and shall do so if requested in writing by the holders of at least twenty-five percent of the aggregate principal amount of Bonds then outstanding. The rights and obligations of the Trustee under this Section are subject to the approval of such intervention by a court of competent jurisdiction.

Section 6.04. Successor Trustee. Any corporation into which the Trustee may be converted or merged, or with which it or any successor to it may be consolidated, or to which it may sell or transfer its assets and trust business as a whole or substantially as a whole, or any corporation resulting from any such conversion, sale, merge, consolidation or transfer to which it is a party, *ipso facto*, shall be and become successor Trustee hereunder and vested with all the trusts, powers, duties, discretions, immunities, privileges and all other matters as was its predecessor, without the execution or filing of any instrument or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding; provided, however, that any such successor Trustee shall be a corporate trustee which may be a trust company or a bank having the powers of a trust company within or without the State of Ohio but authorized to exercise trust powers within Ohio.
Section 6.05. **Resignation of the Trustee.** The Trustee may at any time resign from the trusts hereby created by giving written notice to the University and to the Original Purchasers of each series of Bonds not less than sixty days before such resignation is to take effect, and by publishing such notice at least once, in the same manner as provided for in Section 4 of the General Bond Resolution for publication of notice of call for redemption, not less than forty-five days before such resignation is to take effect, but such resignation shall take effect immediately upon the appointment pursuant to Section 6.07 hereof of a successor Trustee if such successor Trustee shall be appointed before the time stated in such notice and shall then accept the trusts hereof.

Section 6.06. **Removal of the Trustee.** The Trustee may be removed at any time by an instrument or concurrent instrument in writing delivered to the Trustee and to the University and signed by or on behalf of the holders of not less than a majority in aggregate principal amount of Bonds then outstanding.

Section 6.07. **Appointment of Successor Trustee.** In case the Trustee shall resign or be removed, or be dissolved, or otherwise become incapable of acting hereunder, or in case it shall be taken under the control of any public officer or officers, or of a receiver appointed by a court, a successor shall be appointed by the University; provided that following ten days after the notice of resignation or instrument of removal is delivered as provided in Sections 6.05 and 6.06, respectively, or the Trustee is dissolved, taken under control or otherwise incapable of action as above provided, then the holders of a majority in aggregate principal amount of Bonds then outstanding, by an instrument or concurrent instruments in writing signed by or on behalf of such holders, may designate a successor Trustee unless prior to the filing of such instrument so signed with the University a successor Trustee shall have been appointed by the University. Every such successor Trustee appointed pursuant to the provisions of this Section shall have the same qualifications as provided for a successor Trustee in Section 6.04 hereof and, in addition, shall have a reported capital and surplus of not less than $10,000,000 and shall be willing to accept the trusteeship under the terms and conditions of the Trust Agreement.

Section 6.08. **Concerning any Successor Trustee.** Every successor Trustee appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University, with a copy to the Original Purchasers of each series of the Bonds, an instrument in writing accepting such appointment hereunder, and thereupon such successor without any further act shall become fully vested with all the rights, powers, trusts, duties and obligations of its predecessor; but such predecessor shall, nevertheless, on the written request of its successor or of the University, execute and deliver an instrument transferring to such successor Trustee all the rights, powers and trusts of such predecessor hereunder. Should any instrument in writing from the University be required by any successor Trustee for more fully and certainly vesting in such successor the rights, powers and duties hereby vested or intended to be vested in the predecessor any and all such instruments in writing shall, on request, be executed, acknowledged, and delivered by the University.
Section 6.09. Trustee Protected in Relying Upon Resolutions, etc. The resolutions, opinions, reports, certificates and other instruments provided for in the Trust Agreement may be accepted by the Trustee as conclusive evidence of the facts and conclusions stated therein and shall be full warrant, protection and authority to the Trustee for its actions taken hereunder.

Section 6.10. Trustee as Paying Agent and Bond Registrar; Bondholder List. The Trustee is hereby designated and agrees to act as Bond Registrar for and in respect to the Bonds to the extent provided in the Trust Agreement, and as Paying Agent for any series of Bonds for which it is designated Paying Agent pursuant to the Trust Agreement or the applicable Series Resolution.

To the extent that such information shall be made known to the Trustee or the University under the terms of this paragraph, the University will keep on file at the Trustee's office a list of names and addresses of the last known holders of all Bonds payable to bearer and believed to be held by each of such last known holders. Any bondholder may request that his name and address be placed on said list by filing a written request with the Trustee or the University, which request shall include a statement of the principal amount, series designation and the identifying numbers of such Bonds. The University and the Trustee shall be under no responsibility with regard to the accuracy of said list. At reasonable times and under reasonable regulations established by the Trustee, said list may be inspected and copied by the University or by holders (or a designated representative thereof) of twenty-five percent or more in principal amount of Bonds then outstanding.

Section 6.11. Successor Trustee as Custodian of Funds, Bond Registrar and Paying Agent. In the event of a change in the office of Trustee, the predecessor Trustee which has resigned or been removed shall cease to be custodian of any funds it may hold pursuant to this Agreement, and cease, to the extent that it was such, to be Bond Registrar and Paying Agent for any of the Bonds and the successor Trustee shall become such custodian, Bond Registrar and Paying Agent.

Section 6.12. Adoption of Authentication. In case any of the Bonds contemplated to be issued hereunder shall have been authenticated but not delivered, any successor Trustee may adopt the certificate of authentication of the predecessor and deliver the said Bonds so authenticated as hereinabove provided; and in case any of such Bonds shall not have been authenticated, any successor Trustee may authenticate such Bonds either in the name of any predecessor or in its own name. In all such cases such certificate of authentication shall have the same force and effect as provided in the Bonds or in this Agreement with respect to the certificate of authentication of the Trustee.

Section 6.13. Designation, Resignation, Removal and Succession of Paying Agents. The Trustee and the other banks or trust companies, if any, designated as Paying Agent or Paying Agents in a Series Resolution shall be the Paying Agents for the applicable series of Bonds, and in the absence of such designation in a Series Resolution the Trustee shall be the sole Paying Agent for
Bonds authorized by such Series Resolution. A copy of the Agreement and of the Supplemental
Trust Agreement relating to the applicable series of Bonds shall be filed with each Paying Agent
therefor, and the terms and provisions of such agreements shall, to the extent they refer to powers,
duties and responsibilities of Paying Agents, be deemed to be part of the paying agency Agreement.

Any bank or trust company with or into which any Paying Agent, except the Trustee, may be merged or consolidated, or to which the assets and business of such Paying Agent may be sold, shall be deemed the successor of such Paying Agent for the purposes of this Agreement.

Any Paying Agent, except the Trustee, may resign, and be discharged of its duties and obligations created by the Agreement by giving at least 120 days notice to the University, the Trustee, and the Original Purchasers of each series of Bonds for which it is the Paying Agent. Any Paying Agent may be removed at any time by an instrument, signed on behalf of the University and approved by the Trustee, filed with such Paying Agent, the Trustee, and the Original Purchasers of the Bonds for which such Paying Agent is the Paying Agent, or by an instrument in writing signed by the owners of at least a majority in principal amount of the outstanding Bonds for which such Paying Agent is the Paying Agent and filed with the University, the Trustee, and the Original Purchasers of each such series of Bonds.

If the position of Paying Agent shall become vacant for any reason, the University shall, within thirty days thereafter, appoint a bank or trust company located in the same city as such Paying Agent to fill such vacancy; provided, however, that if the University shall fail to appoint such Paying Agent within said period, the Trustee shall make such appointment. Notice of the appointment of such Paying Agent shall be given by the Trustee to the Original Purchasers of the series of Bonds affected thereby and to the holders of coupon Bonds of such series as their names appear on the list of bondholders provided for in Section 6.10 hereof.

The Paying Agents shall enjoy the same protection provisions in the performance of their duties hereunder as are specified in Section 6.01 with respect to the Trustee, insofar as such provisions may be applicable.

Section 6.14. Trustee and Paying Agents May Deal in Bonds. The Trustee and Paying Agents, and any of their directors, officers, employees, or agents, may in good faith become the owner of Bonds and coupons secured hereby with the same rights which it or they would have hereunder if the Trustee or Paying Agent were not such.

ARTICLE VII
DEFAULT PROVISIONS AND REMEDIES
OF TRUSTEE AND BONDHOLDERS

Section 7.01. Events of Default. The following events shall be events of default under this Agreement:

(a) Failure to pay interest on any Bond, when and as the same shall have become due and payable, and such failure shall have continued for a period of thirty days;
(b) Failure to pay the principal (and redemption premium, if any) of any Bond, when and as the same shall have become due and payable, whether at maturity or by acceleration by call for redemption, and such failure shall have continued for a period of thirty days;

(c) Failure to perform or observe duly or punctually any other covenant, condition or agreement contained in the Bonds or the Trust Agreement and to be performed by the University, which failure shall have continued for a period of ninety days after the notice described below.

The notice referred to in this Section 7.01 is written notice specifying the default and requiring same to be remedied, given to the University by the Trustee, which may give such notice in its discretion and shall give such notice at the written request of the holders of not less than ten per centum of the Bonds then outstanding.

Section 7.02. Acceleration. In case an event of default shall have occurred and at any time during the continuance of such event of default, the Trustee may, and upon the written request of the holders of at least twenty-five per centum in principal amount of the Bonds then outstanding shall, by notice in writing to the University, declare the principal of all the Bonds then outstanding (if not then due and payable) and the interest accrued thereon to be due and payable immediately, and, upon such declaration, such principal and interest shall become and be immediately due and payable.

The provisions of the above paragraph are subject, however, to the condition that if at any time after such principal and interest shall have been so declared due and payable and prior to the entry of judgment in a court of law or equity for enforcement hereunder or the appointment of a receiver hereunder, all sums payable under the Trust Agreement except the principal of, and interest accrued after the next preceding interest payment date on, the Bonds which have not reached their stated maturity dates and which are due and payable solely by reason of such declaration, plus interest (to the extent permitted by law) on any overdue installments of interest at the rate borne by the Bonds in respect of which such event of default shall have occurred, shall have been duly paid or provided for by deposit with the Trustee or Paying Agents and all existing defaults shall have been made good, then and in every such case such payment or provisions for payment shall ipso facto constitute a waiver of such event of default and its consequences and an automatic rescission and annulment of such declaration under the above paragraph, but no such waiver and rescission shall extend to or affect any such subsequent event of default or impair any rights consequent thereon.

Section 7.03. Enforcement of Rights Under Agreement. Upon the happening and continuance of any event of default specified in Section 7.01 of this Agreement, then and in every such case the Trustee may proceed, and upon the written request of the holders of not less than ten per centum in principal amount of the Bonds then outstanding hereunder shall proceed, subject to the provisions of Section 6.01 of this Agreement, to protect and enforce its rights and the rights of
the bondholders under this Agreement by such suits, actions or special proceedings in equity or at law, either for the specific performance of any covenant or agreement contained herein or in aid or execution of any power herein granted or for the enforcement of any proper legal or equitable remedy, as the Trustee, being advised by counsel, shall deem most effective to protect and enforce such rights.

In the enforcement of any remedy under this Agreement the Trustee shall be entitled to sue for, enforce payment of and receive any and all amounts then or during any default becoming due, and at any time remaining unpaid, on account of principal, interest or otherwise under any of the provisions of this Agreement or of the Bonds, with interest on overdue payments at the rate or rates of interest specified in such Bonds, together with any and all costs and expenses of collection and of all proceedings hereunder and under such Bonds, without prejudice to any other right or remedy of the Trustee or of the bondholders, and to recover and enforce judgment or decree against the University, but solely as provided herein and in such Bonds, for any portion of such amounts remaining unpaid, with interest, costs and expenses, and to collect (but solely from the General Receipts and the special funds and accounts from which the Bonds are payable) in any manner provided by law, the moneys adjudged or decreed to be payable.

In the event of the occurrence of an event of default as defined in subparagraphs (a) or (b) of Section 7.01 hereof, the Trustee may apply to a court having jurisdiction of the cause to appoint a receiver, who may be the Trustee, to receive and administer the General Receipts and the Bond Pledge Fund, with full power to pay and to provide for payment of Bond service charges, and with such powers, subject to the discretion of the court, as are accorded receivers in general equity cases, excluding any power to pledge additional revenues or receipts or other income or moneys of the University to the payment of such Bond service charges, and excluding the power to take possession of, mortgage or cause the sale or otherwise dispose of any University Facilities or other capital facilities of the University.

The holders of not less than two-thirds in principal amount of the Bonds then outstanding hereunder shall have the right at any time, by an instrument in writing executed and delivered to the Trustee, to direct the method and place of conducting any and all remedial proceedings under this Agreement; provided that such direction shall not be otherwise than in accordance with the provisions of law or of this Agreement, and provided that the Trustee shall be indemnified to its satisfaction; and the Trustee shall be fully protected in acting upon and in accordance with any instrument or instruments in writing as executed by the holders of not less than two-thirds in principal amount of the Bonds at the time outstanding.

No remedy by the terms of this Agreement conferred upon or reserved to the Trustee (or to the holders of the Bonds or coupons) is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to any other remedy given to the Trustee or to the holders of the Bonds hereunder or now or hereafter existing.
No delay or omission to exercise any right or power accruing upon any default or event of default shall impair any such right or power or shall be construed to be a waiver of any such default or event of default or acquiescence therein; and every such right and power may be exercised from time to time and as often as may be deemed expedient.

Section 7.04. Effect of Abandonment of Any Proceeding or Recovery of Judgment. In case any proceeding taken by the Trustee on account of any event of default shall have been discontinued or abandoned for any reason, then and in every such case the University, the Trustee and the bondholders shall be restored to their former positions and rights hereunder, respectively, and all rights, remedies, powers and duties of the Trustee shall continue as though no such proceeding had been taken.

No recovery of any judgment by the Trustee, and no levy of any execution under any judgment hereunder, shall affect in any manner or to any extent the rights and duties provided for in this Agreement or any part thereof, or any rights, powers or remedies of the Trustee hereunder, or any rights, powers or remedies of the holders of the Bonds, but such rights, powers and remedies of the Trustee and of the holders of the Bonds shall continue unimpaired as before.

Section 7.05. Remedial Action in Name of Trustee Without Ownership of Bonds. All rights of action under this Agreement and under any of the Bonds and coupons may be enforced by the Trustee without possession of any of the Bonds or coupons and without production thereof at any trial or other proceedings relative thereto. Any such suit or proceeding instituted by the Trustee shall be brought in its name as Trustee, and any recovery of judgment shall be for the benefit of the holders of the Bonds outstanding hereunder and the coupons thereto appertaining, subject, however, to the provisions of this Agreement, including Section 5.01 hereof.

Section 7.06. Waivers of Events of Default. At any time the Trustee may in its discretion waive any event of default hereunder and its consequences, and rescind any declaration of maturity of principal, and shall do so upon the written request of the holders of (1) at least a majority in aggregate principal amount of all the Bonds then outstanding in respect of which an event of default in the payment of Bond service charges exists, or (2) at least twenty-five percent in aggregate principal amount of all Bonds then outstanding in case of any other event of default. There shall not be so waived, however, any event of default described in subparagraphs (a) or (b) of Section 7.01 hereof, or any such declaration in connection therewith rescinded, unless at the time of such waiver or rescission payments of the amounts as provided in Section 7.02 hereof for waiver and automatic rescission in connection with acceleration of maturity have been made or provided for. In case of any such waiver or rescission, or in case any proceedings taken by the Trustee on account of any such event of default shall have been discontinued or abandoned or determined adversely, then and in every such case the University, the Trustee, and the bondholders shall be restored to their positions and rights hereunder respectively, but no such waiver or rescission shall extend to any subsequent or other event of default, or impair any right consequent thereon.
Section 7.07. **Remedial Action by Bondholders.** No holder of any Bond or coupon shall have any right to institute any suit, action or proceeding for the enforcement of this Trust Agreement or for the execution of any trust thereof or for the appointment of a receiver or any other remedy hereunder unless (a) an event of default has occurred, (b) such holder shall previously have given to the Trustee written notice of such event of default, (c) the holders of at least twenty-five percent in aggregate principal amount of Bonds then outstanding shall have made written request to the Trustee and shall have afforded the Trustee reasonable opportunity to proceed to exercise the powers hereinbefore granted or to institute such action, suit or proceeding in its own name and have also offered to the Trustee indemnity as provided in Section 6.01 hereof, and (d) the Trustee shall thereafter fail or refuse to exercise the powers hereinbefore granted, or to institute such action, suit or proceeding in its own name; and such notification, request and offer of indemnity are hereby declared in every case to be, at the option of the Trustee, conditions precedent to the execution of the powers and trusts of the Trust Agreement, and to any action or cause of action for the enforcement of the Trust Agreement, or for the appointment of a receiver or for any other remedy hereunder; it being understood and intended that no one or more holders of the Bonds or coupons shall have any right in any manner whatsoever to affect, disturb or prejudice the benefit of the Trust Agreement by its, his, or their action or to enforce any right hereunder except in the manner herein provided and that proceedings shall be instituted, had and maintained in the manner herein provided and for the benefit of the holders of all Bonds then outstanding.

Subject to the foregoing, each bondholder shall have a right of action to enforce the payment of the principal of and interest on any Bond held or owned by him at and after the maturity thereof at the place, from the sources and in the manner in said Bond expressed.

Section 7.08. **Application of Moneys.** All moneys received by the Trustee or a receiver pursuant to any right given or action taken under the provisions of this Article shall, subject to any provisions made pursuant to Sections 10 or 11 of the General Bond Resolution or to Sections 3.04 or 4.01 hereof, after payment of the cost and expenses, liabilities and advances incurred or made by the Trustee or receiver, be applied as follows:

(a) Unless the principal of all the Bonds shall have become or have been declared due and payable pursuant to this Article, all such moneys shall be applied:

First: To the payment to the persons entitled thereto of all installments of interest then due on the Bonds, in the order of the maturity of the installments of such interest and beginning with the earliest such maturity, and, if the amount available shall not be sufficient to pay in full any particular installment, then to the payment thereof ratably, according to the amounts due on such installment, to the persons entitled thereto,
without any discrimination or privilege except as to any difference in the respective rates of interest specified in the Bonds; and

Second: To the payment to the persons entitled thereto of the unpaid principal of any of the Bonds which shall have become due (other than Bonds previously called for redemption for the payment of which moneys are held pursuant to the provisions of this Agreement), whether at maturity or by call for redemption, in order of their due dates and beginning with the earliest such due date, with interest on such Bonds from the respective dates upon which they became due and if the amount available shall not be sufficient to pay in full all Bonds due on any particular date, together with such interest, then to the payment thereof ratably, according to the amount of principal due on such date, to the persons entitled thereto without any discrimination or privilege.

(b) If the principal of all the Bonds shall have become due or shall have been declared due and payable pursuant to this Article, all such moneys shall be applied to the payment of the principal and interest then due and unpaid upon the Bonds, without preference or priority of principal over interest or of interest over principal, or of any installment of interest over any other installment of interest, or of any Bond over any other Bond, ratably, according to the amounts due respectively for principal and interest, to the persons entitled thereto without any discrimination or privilege except as to any difference in the respective rates of interest specified in the Bonds.

(c) If the principal of all the Bonds shall have been declared due and payable pursuant to this Article, and if such declaration shall thereafter have been rescinded and annulled under the provisions of Sections 7.02 or 7.06 hereof, then, subject to the provisions of subsection (b) of this Section in the event that the principal of all the Bonds shall later become due and payable, the moneys shall be applied in accordance with the provisions of subsection (a) of this Section.

Whenever moneys are to be applied pursuant to the provisions of this Section, such moneys shall be applied as provided in this Section at such times, and from time to time, as the Trustee shall determine, having due regard to the amount of such moneys available for application and the likelihood of additional moneys becoming available for such application in the future. Whenever the Trustee shall direct the application of such funds, it shall fix the date (which shall be
an interest payment date unless it shall deem another date more suitable) upon which such application is to be made and upon such date interest on the amounts of principal to be paid on such dates, and for which moneys are available, shall cease to accrue. The Trustee shall give such notice as it may deem appropriate of the deposit of any such moneys and of fixing of any such date, and the Trustee shall not be required to direct payment to the holder of any unpaid coupon or any Bond until such coupon or such Bond and all unmatured coupons, if any, appertaining to such Bond shall be presented to the Trustee for appropriate endorsement or for cancellation if fully paid.

The above subsections (a), (b) and (c) of this Section and the next preceding paragraph thereof, shall apply to the application of General Receipts received by any receiver appointed and acting pursuant to Section 7.03 hereof.

The provisions of this Section are in all respects subject to the provisions of Section 5.01 hereof.

Whenever all Bonds and interest thereon have been paid under the provisions of this Section, and all expenses and charges of the Trustee and Paying Agents and all other expenses payable under the Trust Agreement have been paid, any balance remaining in the Bond Service Fund or other special funds or accounts shall be paid to the University.

ARTICLE VIII
SUPPLEMENTAL TRUST AGREEMENTS

Section 8.01. Supplemental Trust Agreements Not Requiring Consent of Bondholders.

The University and the Trustee may without the consent of, or notice to, any of the bondholders enter into agreements supplemental to the Trust Agreement as shall not, in the opinion of the University and the Trustee, be inconsistent with the terms and provisions hereof for any one or more of the following purposes: (i) to cure any ambiguity, inconsistency or formal defect or omission in the Trust Agreement; (ii) to grant to or confer upon the Trustee for the benefit of the bondholders any additional rights, remedies, powers, or authority that may lawfully be granted to or conferred upon the bondholders or the Trustee; (iii) to subject additional revenues or receipts to the lien and pledge of the Trust Agreement; (iv) to add to the covenants and agreements of the University contained in the Trust Agreement other covenants and agreements thereafter to be observed for the protection of the bondholders, or to surrender or limit any right, power or authority reserved to or conferred upon the University in the Trust Agreement, including the limitation of rights of redemption so that in certain instances Bonds of different series will be redeemed in some prescribed relation to one another; (v) to evidence any succession to the University and the assumption by such successor of the covenants and agreements of the University contained in the Trust Agreement and the Bonds; and (vi) in connection with the issuance of Bonds in accordance with Section 3 of the General Bond Resolution and Section 2.02 of the Agreement.

Section 8.02. Supplemental Trust Agreements Requiring Consent of Bondholders.

Exclusive of Supplemental Trust Agreements referred to in Section 8.01 hereof and subject to the terms and provisions and limitations contained in this Section, and not otherwise, the holders of not
less than two-thirds in aggregate principal amount of the Bonds then outstanding shall have the right, from time to time, anything contained in the Trust Agreement to the contrary notwithstanding, to consent to and approve the execution by the University and the Trustee of such other agreement or agreements supplemental to the Trust Agreement as shall be deemed necessary and desirable by the University for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms or provisions contained in the Trust Agreement, provided, however, that nothing in this Section or elsewhere in the Trust Agreement shall permit, or be construed as permitting (i) an extension of the maturity of the principal of or the interest on any Bond, or a reduction in the principal amount of any Bond or the rate of interest or redemption premium thereon, or a reduction in the amount or extension of the time of any payment required by any mandatory sinking fund requirements, without the consent of the holder of each Bond so affected, or (ii) a reduction in the aggregate principal amount of the Bonds required for consent to such Supplemental Trust Agreement without the consent of the holders of all of the Bonds then outstanding.

Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of consent or other action or any calculation of outstanding Bonds provided for in this Section, and the University shall not be entitled with respect to such Bonds to give any consent or take any other action provided for in this Section. At the time of any consent or other action taken under this Section, the University shall furnish the Trustee a certificate of an Authorized Officer of the University, upon which the Trustee may rely, describing all Bonds so to be excluded.

If at any time the University shall request the Trustee to enter into any such Supplemental Trust Agreement for any of the purposes of this Section, the Trustee shall, upon being satisfactorily indemnified with respect to expenses, cause notice of the proposed execution of such Supplemental Trust Agreement to be published as shall be requested by the University and in any event at least one time in a newspaper or financial journal of national circulation published in the City and State of New York. If, because of temporary or permanent suspension of publication or circulation of newspapers or financial journals of national circulation published in the City and State of New York, or for any other reason it is impossible or impractical to publish such notice in the manner herein provided, then such publication in lieu thereof as shall be made with the approval of the Trustee shall constitute a sufficient publication of notice. On or before the date of the first publication of such notice, the Trustee shall also cause a similar notice to be mailed, postage prepaid, to the Original Purchasers of each series of Bonds, to all registered holders of Bonds then outstanding at their addresses as they appear on the registration books herein provided for, and to all other bondholders whose names and addresses appear on the list of bondholders provided for in Section 6.10 hereof. The Trustee shall not, however, be subject to any liability to any bondholder by reason of its failure to mail, or the failure of such bondholder to receive, the notice required by
this Section, and any such failure shall not affect the validity of such Supplemental Trust Agreement when consented to and approved as provided in this Section. Such notice shall briefly set forth the nature of the proposed Supplemental Trust Agreement and shall state that copies thereof are on file at the office of the Trustee for inspection by all bondholders.

If within such period, not exceeding one year, as shall be prescribed by the University, following the first publication of such notice, the Trustee shall receive an instrument or instruments purporting to be executed by the holders of not less than two-thirds in aggregate principal amount of the Bonds then outstanding which instrument or instruments shall refer to the proposed Supplemental Trust Agreement described in such notice and shall specifically consent to and approve the execution thereof in substantially the form of the copy thereof referred to in such notice as on file with the Trustee, thereupon, but not otherwise, the Trustee shall execute such Supplemental Trust Agreement in substantially such form, without liability or responsibility to any holder of any Bond, whether or not such holder shall have consented thereto.

Any such consent shall be binding upon the holder of the Bond giving such consent and, anything in Section 10.01 to the contrary notwithstanding, upon any subsequent holder of such Bond and of any Bond issued in exchange therefor (whether or not such subsequent holder thereof has notice thereof), unless such consent is revoked in writing by the holder of such Bond giving such consent or by a subsequent holder thereof by filing with the Trustee, prior to the execution by the Trustee of such Supplemental Trust Agreement, such revocation and, if such Bond or Bonds are transferable by delivery, proof that such Bonds are held by the signer of such revocation in the manner permitted by Section 10.01. At any time after the holders of the required percentage of Bonds shall have filed their consents to the Supplemental Trust Agreement, the Trustee shall make and file with the University a written statement that the holders of such required percentage of Bonds have filed such consents. Such written statement shall be conclusive that such consents have been so filed.

If the holders of the required percentage in aggregate principal amount of the Bonds outstanding shall have consented to and approved the execution thereof as herein provided, no holder of any Bond shall have any right to object to the execution of such Supplemental Trust Agreement, or to object to any of the terms and provisions contained therein or the operation thereof, or in any manner to question the propriety of the execution thereof, or to enjoin or restrain the Trustee or the University from executing the same or from taking any action pursuant to the provisions thereof.

Section 8.03. Authorization to Trustee; Effect of Supplement. The Trustee is authorized to join with the University in the execution of any such Supplemental Trust Agreement provided for in this Article and to make the further agreements and stipulations which may be contained therein. Any Supplemental Trust Agreement executed in accordance with the provisions of this Article shall thereafter form a part of the Trust Agreement; all the terms and conditions
contained in any such Supplemental Trust Agreement as to any provision authorized to be contained therein shall be and shall be deemed to be part of the terms and conditions of the Trust Agreement for any and all purposes; this Agreement shall be and be deemed to be modified and amended in accordance therewith; and the respective rights, duties and obligations under this Agreement of the University, the Trustee, Paying Agents and all holders of Bonds then outstanding shall thereafter be determined, exercised and enforced thereunder, subject in all respects to such modifications and amendments. Express reference to such executed Supplemental Trust Agreement may be made in the text of any Bonds issued thereafter, if deemed necessary or desirable by the Trustee or the University. A copy of any Supplemental Trust Agreement provided for in this Article, except such as may be entered into pursuant to clause (vi) of Section 8.01 hereof, shall be mailed by the Trustee to the Original Purchasers of each and every series of Bonds affected thereby.

Section 8.04. Opinion of Counsel. The Trustee shall be entitled to receive, and shall be fully protected in relying upon, the opinion of any counsel approved by it, who may be counsel for the University, as conclusive evidence that any such proposed Supplemental Trust Agreement complies with the provisions of this Agreement, and that it is proper for the Trustee, under the provisions of this Article, to join in the execution of such Supplemental Trust Agreement.

Section 8.05. Modification by Unanimous Consent. Notwithstanding anything contained elsewhere in this agreement, the rights and obligations of the University and of the holders of the Bonds and coupons, and the terms and provisions of the Bonds and coupons and this Agreement or any Supplemental Trust Agreement, may be modified or altered in any respect with the consent of the University and the consent of the holders of all of the Bonds then outstanding.

ARTICLE IX
DEFEASANCE

Section 9.01. Release of Agreement. If the University shall pay or cause to be paid, or there shall otherwise be paid, to the holders of the outstanding Bonds and coupons all Bond service charges due or to become due thereon, and provision shall also be made for paying all other sums payable hereunder by the University, then and in that event the Trust Agreement shall cease, determine and become null and void, and the covenants, agreements and other obligations of the University hereunder shall be discharged and satisfied, and thereupon the Trustee shall execute and deliver to the University such instruments to evidence such release and discharge as may be reasonably required by the University, and the Trustee and Paying Agents shall assign and deliver to the University any funds at the time subject to the lien of the Trust Agreement which may then be in their possession except for such funds as are held by the Trustee and Paying Agents for the payment of Bond service charges on the Bonds, which funds shall be held and applied by the Trustee and the Paying Agents for the purposes as provided in this Agreement and which shall be transferred to the University at the times and with the effect as provided in Section 4.01 hereof.

Section 9.02. Payment of Bond Service Charges. All Bond service charges due or to become due on outstanding Bonds and coupons shall be deemed to have been paid or caused to be paid within the meaning of Section 9.01 hereof if:
(a) the Trustee and Paying Agents shall hold, in trust for and
irrevocably committed thereto, sufficient moneys, or

(b) the Trustee shall hold, in trust for and irrevocably committed
thereto, in the Bond Service Account, the Bond Service Reserve Account, the
Bond Redemption and Purchase Account, or other accounts in the Bond
Service Fund, direct obligations of the United States certified by an
independent public accounting firm of national reputation to be of such
maturities and interest payment dates and to bear such interest as will, without
further investment or reinvestment of either the principal amount thereof or
the interest earnings therefrom (likewise to be held in trust and committed,
except as hereinafter provided), be sufficient together with moneys referred to
in (a) above,

for the payment, at their maturity or redemption date, of all Bond service charges thereon to the
date of maturity or redemption, as the case may be, or if default in such payment shall have
occurred on such date then to the date of the tender of such payment; provided, that if any Bonds
are to be redeemed prior to the maturity thereof, notice of such redemption shall have been duly
given or irrevocable provision satisfactory to the Trustee shall have been duly made for the giving of
such notice. Any moneys held by the Trustee in accordance with the provisions of this paragraph
shall be invested only in direct obligations of the United States the maturities or redemption dates
of which, at the option of the holder, shall coincide as nearly as practicable with, but not later than,
the time or times at which said moneys will be required for the aforesaid purposes. Any income or
interest earned by, or increment to, the investments held under this paragraph shall, to the extent
not required for the purposes of this Section, be transferred to the University free of any trust or
lien.

In the event that the Trust Agreement is satisfied and discharged in accordance with this
Section and Section 9.01 hereof, all Bonds then outstanding and appurtenant coupons shall cease to
be entitled to any lien, benefit or security of this Agreement except the right to receive the funds
held by the Trustee and the Paying Agents pursuant to this Section or by the University pursuant to
Section 4.01 hereof, and such Bonds and coupons shall be deemed not to be outstanding hereunder,
and it shall be the duty of the Trustee and Paying Agents and the University to so hold such funds
for the benefit of the holders of such Bonds and coupons.

Whenever moneys held to the credit of the Bond Service Fund shall be sufficient for the
satisfaction and discharge of the Agreement in accordance with this Article, the Trustee shall, upon
request of the University, but subject to any limitations on the use of such funds pursuant to
Section 11 of the General Bond Resolution or any other provision of this Agreement, endeavor to
purchase for retirement and cancellation Bonds or portions of Bonds, whether or not such Bonds
shall then be subject to redemption, on the most advantageous terms obtainable with reasonable
diligence, having regard to interest rate and price, such price not to exceed the principal amount
thereof and the interest accrued thereon to the date of payment therefor plus the amount of the redemption premium, if any, held with respect to such Bonds or portions of Bonds. No such purchase shall be made by the Trustee within the period of seventy days next preceding any interest payment date.

ARTICLE X
MISCELLANEOUS

Section 10.01. Instruments of Bondholders. Any consent, request, direction, approval, objection or other instrument required by the Trust Agreement to be signed and executed by the bondholders may be in any number of concurrent writings of similar tenor and may be signed or executed by such bondholders in person or by agent appointed in writing. Proof of the execution of any such instrument or of the writing appointing any such agent and of the ownership of Bonds, if made in the following manner, shall be sufficient for any of the purposes of the Trust Agreement, and shall be conclusive in favor of the Trustee with regard to any action taken under such instrument, namely:

(a) The fact and date of the execution by any person of any such writing may be proved by the certificate of any officer in any jurisdiction who by law has power to take acknowledgments within such jurisdiction that the person signing such writing acknowledged before him the execution thereof, or by affidavit of any witness to such execution.

(b) The fact of the holding by any person of Bonds and/or coupons transferable by delivery and the amounts and numbers of such Bonds, and the date of the holding of the same, may be proved by a certificate executed on behalf of any trust company or bank, wherever situated, by an officer thereof, stating that at the date thereof the party named therein did exhibit to such officer of such trust company or bank as the property of such party, the Bonds and/or coupons therein mentioned, if such certificate shall be deemed by the Trustee to be satisfactory. In lieu of the foregoing the Trustee may accept other proofs of the foregoing it shall deem appropriate. For all purposes of this Agreement and of the proceedings for the enforcement hereof, such person shall be deemed to continue to be the holder of such Bond until the Trustee shall have received notice in writing to the contrary. The fact of ownership of Bonds registered as to principal (except to bearer) shall be proved by the registration books maintained by the Bond Registrar.

Nothing contained herein shall be construed as limiting the Trustee to such proof, it being intended that the Trustee may accept any other evidence of the matter herein stated which it deems to be sufficient. Any request or consent of the holder of any Bond shall bind every future holder of the same Bond, and any coupons appertaining thereto, in respect to anything done or suffered to be done by the University, the Trustee or any Paying Agent in pursuance of such request or consent.
Section 10.02. **Limitation of Rights.** With the exception of rights herein expressly conferred, nothing expressed or mentioned in or to be implied from the Trust Agreement or the Bonds is intended or shall be construed to give to any person other than the parties hereto and the holders of the Bonds and coupons any legal or equitable right, remedy or claim under or in respect to this Agreement or any covenants, conditions and provisions herein contained; this Agreement and all of the covenants, conditions and provisions hereof being intended to be and being for the sole and exclusive benefit of the parties hereto and the holders of the Bonds and coupons as herein provided.

Section 10.03. **Severability.** In case any section or provision of the Trust Agreement, or in case any covenant, stipulation, obligation, agreement, act, or action, or part thereof, made, assumed, entered into, or taken under the Trust Agreement, or any application thereof, is for any reason held to be illegal or invalid, such illegality or invalidity shall not affect the remainder thereof or any other section or provision of the Trust Agreement or any other covenant, stipulation, obligation, agreement, act, or action, or part thereof, made, assumed, entered into, or taken under the Trust Agreement, which shall be construed and enforced as if such illegal or invalid portion were not contained therein, nor shall such illegality or invalidity or any application thereof affect any legal and valid application thereof, and each such section, provision, covenant, stipulation, obligation, agreement, act, or action, or part thereof, shall be deemed to be effective, operative, made, entered into or taken in the manner and to the full extent permitted by law.

Section 10.04. **Notices.** It shall be sufficient service or giving of any notice, request, complaint, demand or other paper if the same shall be duly mailed by registered or certified mail addressed as follows: if to the University, addressed to the President or the Fiscal Officer of the University; if to the Trustee, to the Trustee at its principal office. The University and the Trustee may, by notice given hereunder, designate any further or different addresses to which subsequent notices, certificates or other communications shall be sent.

Section 10.05. **Payments Due on Holidays.** In any case where the date of maturity of interest on or principal of the Bonds or the date fixed for redemption of any Bonds shall be a Sunday, a holiday or any other day on which the Trustee or any other Paying Agent is authorized or not prohibited by law to close and is closed, then payment of such interest or principal and any redemption premium need not be made by such Paying Agent on such date but may be made on the next succeeding business day on which such Paying Agent is open for business with the same force and effect as if made on the date of maturity or the date fixed for redemption, and no interest shall accrue for the period after such date.

Section 10.06. **No Right to Levy of Excises or Taxes.** Nothing in the Trust Agreement shall be construed as giving the holders of the Bonds or coupons, or any of them, or the Trustee, the right, and they shall have no right, to have excises or taxes levied by the General Assembly of the State of Ohio for the payment of Bond service charges.

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Section 10.07. **Extent of Covenants: No Personal Liability.** All covenants, stipulations, obligations and agreements of the University contained in the Trust Agreement shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by the Act and permitted by the Constitution of Ohio. No such covenant, stipulation, obligation or agreement shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future member, officer, agent or employee of the University or the Board in his individual capacity, and neither the members of the Board nor any official executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issuance thereof.

Section 10.08. **Binding Effect.** This instrument shall inure to the benefit of and shall be binding upon the University and the Trustee and their respective successors and assigns, subject, however, to the limitations contained in the Trust Agreement.

Section 10.09. **Counterparts.** This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

Section 10.10. **Captions.** The captions or headings in this Agreement are for convenience only and in no way define, limit or describe the scope or intent or any provisions or sections of this Agreement.

IN WITNESS WHEREOF, the University has caused this Agreement to be executed by its duly Authorized Officers, and the seal of the University to be hereto affixed, and The Huntington National Bank of Columbus, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this Agreement to be executed in its name by its duly authorized officers and has caused its corporate seal to be hereto affixed, all as of the day and year first above written, but actually on the dates of the respective acknowledgements.

THE OHIO STATE UNIVERSITY

(Seal)

By: ________________________________
Chairman, Board of Trustees

By: ________________________________
Secretary, Board of Trustees

THE HUNTINGTON NATIONAL BANK
OF COLUMBUS, Trustee

(Seal)

By: ________________________________
Vice President

By: ________________________________
Assistant Secretary
STATE OF OHIO  
COUNTY OF FRANKLIN, SS.

On this day of June, 1971, before me a Notary Public in and for said County and State personally appeared James W. Shocknessy and Edward Q. Moulton, the Chairman and the Secretary, respectively, of the Board of Trustees of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and the voluntary act and deed of said University.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

---------------------------------
Notary Public

(Seal)

STATE OF OHIO  
COUNTY OF FRANKLIN, SS.

On this day of June, 1971, before me a Notary Public in and for said County and State personally appeared Vice President and Assistant Secretary respectively, of The Huntington National Bank of Columbus, the bank which executed the foregoing instrument as Trustee, who acknowledged that the seal affixed to said instrument is the seal of said bank, that they did sign said instrument as such officers, respectively, for and on behalf of said bank and by authority granted in its rules and regulations and by its Board of Directors; that the same is their free act and deed as such officers, respectively, and the free act and deed of said The Huntington National Bank of Columbus.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

---------------------------------
Notary Public

(Seal)
$4,500,000 General Receipts Bonds, Series 1971

FIRST SUPPLEMENTAL TRUST AGREEMENT

between

THE OHIO STATE UNIVERSITY

and

THE HUNTINGTON NATIONAL BANK OF COLUMBUS,
Trustee

Dated
as of
June 1, 1971

Supplementing Trust Agreement Dated June 1, 1971
Securing

THE OHIO STATE UNIVERSITY
GENERAL RECEIPTS BONDS
FIRST SUPPLEMENTAL TRUST AGREEMENT
Pertaining to
The Ohio State University
$4,500,000 GENERAL RECEIPTS BONDS, SERIES 1971

This First Supplemental Trust Agreement, dated as of the first day of June, 1971 (hereinafter called the “Supplement”), by and between The Ohio State University (hereinafter called the “University”), a state university of the State of Ohio created and existing under and by virtue of Chapter 3335 of the Ohio Revised Code, and The Huntington National Bank of Columbus, a bank organized and existing under and by virtue of the laws of the United States of America and duly authorized to exercise corporate trust powers in the State of Ohio, with its principal place of business located in Columbus, Ohio (hereinafter, with any successor, called the “Trustee”), as Trustee under the Trust Agreement hereinafter mentioned.

W I T N E S S E T H:

WHEREAS, the University, pursuant to the General Bond Resolution adopted by its Board of Trustees (hereinafter called the “Board”) on May 7, 1971, has entered into a Trust Agreement dated as of June 1, 1971 (of which the General Bond Resolution constitutes a part) with the Trustee providing for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto, which Series Resolution shall authorize a Supplemental Trust Agreement, supplementing such Trust Agreement, pertaining to such issue of Bonds; and

WHEREAS, the Board adopted on May 7, 1971, the Series Resolution, designated and hereinafter referred to as the “Series 1971 Resolution”, providing for the herein described Series 1971 Bonds and this Supplement, which Series 1971 Resolution is incorporated herein, constituting an integral part of this Supplement, and provides, in its entirety, as follows:

(See May 7, 1971 Minutes, pages 494-500)

WHEREAS, said Series 1971 Bonds were duly offered for public sale and on , 1971, the Fiscal Officer duly executed his certificate awarding the Series 1971 Bonds (hereinafter called the “Certificate of Award”), which Certificate of Award is incorporated herein, constituting an integral part of this Supplement, and provides, in its entirety, as follows:
$4,500,000
THE OHIO STATE UNIVERSITY
GENERAL RECEIPTS BONDS, SERIES 1971
Dated June 1, 1971

CERTIFICATE OF AWARD

The undersigned, Fiscal Officer of The Ohio State University, as authorized by the Series 1971 Resolution duly adopted by the Board of Trustees of The Ohio State University on May 7, 1971, and providing for the issuance of $4,500,000 General Receipts Bonds, Series 1971, has caused said Bonds to be advertised for sale in a manner and upon terms and conditions not inconsistent with said Resolution, received bids therefor on this date until 11 o'clock a.m. E.S.T., in Ohio (fast time) and did thereupon open and publicly read said bids, and does hereby award said Bonds in the sum of $4,500,000 to the “Original Purchaser” below identified, whose bid for the Bonds at the price and interest rates below stated is hereby determined to be the highest bid based on the lowest interest cost and is hereby accepted:

Original Purchaser: MORGAN GUARANTY TRUST COMPANY, NEW YORK, NEW YORK

Purchase Price: $4,501,652.00

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Dated: June 24, 1971

Gordon B. Carson
Vice President, Business and Finance,
The Ohio State University
WHEREAS, the texts of the Series 1971 Bonds, the coupons to be attached thereto, the form of assignment of fully registered Bonds, the certificate of authentication of the Trustee to be endorsed thereon and other provisions to be included therein are to be substantially in the following forms with appropriate omissions, insertions and variations as in the Agreement provided or permitted:

**Coupon Bond Form**

United States of America  
State of Ohio  
The Ohio State University  
General Receipts Bond, Series 1971

No. 71- $5,000

The Ohio State University (hereinafter called the “University”), a state university of the State of Ohio created and existing pursuant to Chapter 3335 of the Ohio Revised Code, for value received, promises to pay to bearer, or, if this Bond be registered, to the registered holder hereof, from the sources and in the manner hereinafter referred to, the principal sum of FIVE THOUSAND DOLLARS ($5,000)
on June 1, 19__, and to pay from said sources interest thereon from the date hereof at the rate of per centum ( ) per annum semi-annually on June 1 and December 1 of each year, commencing December 1, 1971, as evidenced by the coupons hereto attached, until payment of such principal sum has been made or duly provided for. Principal and interest are payable in lawful money of the United States of America, without deduction for the services of the Paying Agent, at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of the Chemical Bank, New York, New York, (such agents for payment including the Trustee being herein called the “Paying Agents”), upon presentation and surrender of this Bond and the coupons attached hereto as they respectively mature, provided that if this bond is registered as to principal other than to bearer then the principal hereof is payable only at said office of the Trustee.

This Bond is one of the General Receipts Bonds (hereinafter collectively called the “Bonds”) authorized and from time to time to be authorized in various series under and pursuant to Section 2i of Article VIII, Ohio Constitution, Sections 3345.11 and 3345.12 of the Ohio Revised Code, the General Bond Resolution (hereinafter called the “General Bond Resolution”) adopted by the Board of Trustees of the University (hereinafter called the “Board”) on May 7, 1971, a Series Resolution authorizing each issue, and the Agreement described below, for the purpose of paying costs of University Facilities (as defined in the General Bond Resolution) and to refund, fund or retire obligations issued for such purpose. As provided in and subject to said Agreement, the Bonds
may be issued from time to time in one or more series, in various principal amounts, with different maturities and interest rates, and may otherwise vary. The aggregate principal amount of Bonds which may be issued is not limited except as provided in the Agreement or as may hereafter be provided by law, and all Bonds will be equally and ratably secured by the pledges and covenants made therein, except as otherwise expressly provided or permitted in the Agreement.

The Bonds are all to be issued under the Trust Agreement (of which the General Bond Resolution is a part) dated as of June 1, 1971, between the University and the above-named Trustee, as the same has been or may be supplemented or amended in accordance with its terms. Such Trust Agreement and amendments thereto and any applicable Supplemental Trust Agreement, including the Series Resolution constituting part thereof, are herein referred to collectively as the "Agreement". The term "Trustee" as used herein refers to said Trustee or any successor Trustee appointed pursuant to the Agreement. Reference is made to the Agreement for a more complete description of the provisions, among others, with respect to the nature and extent of the security, the rights, duties and obligations of the University, the Trustee and the holders of the Bonds and coupons, and the terms and conditions upon which the Bonds are issued and secured, to all of the provisions of which Agreement each holder, by the acceptance hereof, assents.

This Bond is one of a series of the Bonds, designated General Receipts Bonds, Series 1971 (hereinafter called the "Series 1971 Bonds"), in the aggregate principal amount of $4,500,000, authorized by and issued pursuant to the Series 1971 Resolution adopted by the Board on May 7, 1971, and the Agreement, including the First Supplemental Trust Agreement thereto dated as of June 1, 1971, of which the Series 1971 Resolution is a part, for the purpose of paying part of the costs of certain University Facilities, consisting of certain motor vehicle parking facilities on the campus of the University, comprised of 3 multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking, with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and of refunding notes previously issued for such purpose.

The Series 1971 Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of $5,000, and as fully registered bonds in denominations of $5,000 and any authorized multiple thereof. Coupon Bonds and fully registered Bonds are interchangeable in equal aggregate principal amounts and in authorized denominations at the aforesaid office of the Trustee, in the manner and subject to the limitations provided in the Agreement.

This Bond and appurtenant coupons are negotiable instruments but this Bond may be registered as to principal in accordance with the provisions endorsed hereon and the terms and conditions provided in the Agreement.

The Series 1971 Bonds are not callable for redemption prior to December 1, 1981. Series 1971 Bonds maturing after June 1, 1981 are subject to redemption by the University prior to maturity on any interest payment date on or after December 1, 1981, in whole or in part and in
inverse order of their maturity (less than all of such Bonds of a single maturity to be selected by lot in such manner as may be determined by the Trustee), at a redemption price, expressed as a percentage of the principal amount redeemed, of 103% if redeemed on or before December 1, 1985, 102% if redeemed thereafter, but on or before December 1, 1988, and 101% if redeemed thereafter, plus in each case accrued interest. Such right of redemption shall be exercised by notice, specifying the Bonds or portions of fully registered Bonds to be called, the date fixed for redemption and the places where the amounts due upon such redemption are payable, which notice, subject to the provisions of the Agreement therefor, shall be published at least twice in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption thereof, together with interest thereon to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequently shall be void, and said Bonds, portions of fully registered Bonds, and coupons shall not be deemed to be outstanding under the Agreement.

Principal, interest, and any call premium on the Bonds (hereinafter collectively called the "Bond service charges") are payable solely from, and such payment is secured by a first pledge of and a lien on the gross amount of the General Receipts of the University and the Bond Pledge Fund and the Bond Service Fund, all as defined, and to the extent and in the manner provided, in the Agreement; provided, however, that nothing herein or in the Agreement shall be deemed to prohibit the University, of its own volition, from using to the extent lawfully authorized to do so any other resources for such payment. Such General Receipts are more particularly defined in the General Bond Resolution as all moneys received by the University including, among other receipts, all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, or other special purpose fees, or otherwise designated, and all gross income, revenues and receipts from University Facilities; and as excluding certain receipts as provided in the General Bond Resolution, among which are moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and provided for by Supplemental Trust Agreement approved by the Board, moneys received in connection with branch campus operations, and specified receipts pledged to secure other bonds of the University. The Bond Pledge Fund is a special trust fund held in the custody of the University into which the University shall pay at specified times in each fiscal year, as provided in the General Bond Resolution, from its collections of General Receipts moneys sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund. The Bond Service Fund, comprised in part of the Bond Service Account and the Bond Service Reserve Account, is
held in the custody of the Trustee, and is pledged to the payment of Bond service charges on all Bonds as provided in the Agreement. As required by the Agreement, the University shall make payments to the Bond Service Fund from the Bond Pledge Fund and, if necessary, from other General Receipts, of amounts sufficient to pay Bond service charges as they come due and to establish and maintain the Required Reserve in the Bond Service Reserve Account. The University has covenanted in the Agreement that so long as any Bonds are outstanding it will fix, make, adjust and collect items of General Receipts as will produce at all times General Receipts sufficient to pay Bond service charges when due, to establish and maintain the Required Reserve as provided in the Bond proceedings, and together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University. The holders or owners of the Bonds or appertaining interest coupons shall have no right to have excises or taxes levied by the General Assembly of Ohio for the payment of Bond service charges.

Except as provided in the Agreement, the holders or registered holders of the Bonds are not entitled to enforce the provisions of the Agreement or to institute, appear in or defend any suit, action or proceeding to enforce any provisions of the Agreement or to take any action with respect to any event of default under the Agreement.

In addition to the provisions contained in the Agreement authorizing the University and the Trustee, without the consent of or notice to any bondholder, to enter into Supplemental Trust Agreements not inconsistent with the Agreement and for certain purposes specified therein, the Agreement contains provisions authorizing such parties, with the consent of the holders of not less than 66-2/3% in aggregate principal of the Bonds at the time outstanding, exclusive of any Bonds then held or owned by the University, to enter into Supplemental Trust Agreements for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms and provisions of the Agreement; provided, however, that no such Supplemental Trust Agreement shall extend the maturity of the principal of or the interest on any Bond or reduce the principal amount of any Bond or the rate of interest or redemption premium thereon without the consent of the holder of each Bond so affected, or reduce the aggregate principal amount of the Bonds required for consent to such Supplemental Agreement without the consent of the holders of all Bonds then outstanding.

If an event of default in payment of Bond service charges or other default shall occur, as defined in the Agreement, the principal of Bonds then outstanding may be declared due and payable in the manner and with the effect provided by the Agreement, but subject to waiver of such event of default or rescission of such declaration as provided in the Agreement.

This Bond shall not constitute the personal obligation, either jointly or severally, of the members or officers of the Board or the officers of the University.
Neither this Bond nor any of the appertaining coupons shall be entitled to any security or benefit under the Agreement or become valid or obligatory for any purpose until the certificate of authentication hereon shall have been signed by the Trustee.

It is hereby certified and recited that all acts, conditions and things necessary to be done by the University precedent to and in the issuing of the Series 1971 Bonds in order to make them legal, valid and binding obligations of the University in accordance with their terms, have been done and performed and have happened in regular and due form as required by law; that payment in full for the Series 1971 Bonds has been received; and that the Series 1971 Bonds do not exceed or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, The Ohio State University has caused this Bond to be executed by the facsimile signature of the President of the University, and by the facsimile signature of the Secretary of the Board of Trustees of the University, and the facsimile seal of the University to be imprinted hereon, and the interest coupons attached hereto to be executed by the facsimile signature of the Vice President, Business and Finance of the University, all as of June 1, 1971.

THE OHIO STATE UNIVERSITY

[facsimile signature]
President

(Seal)

[facsimile signature]
Secretary of the Board of Trustees

PROVISIONS FOR REGISTRATION

This Bond may be registered as to principal alone on the registration books of the University kept by the Trustee as Bond Registrar, upon presentation hereof to the Trustee which shall make notation of such registration in the registration blank below, and this Bond may thereafter be transferred only upon an assignment duly executed by the registered holder or his attorney in such form as shall be satisfactory to the Bond Registrar, such transfer to be made on such books and endorsed hereon. Such transfer may be to bearer, and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before. The principal of this Bond, if registered, unless registered to bearer, shall be payable only to or on the order of the registered holder or his attorney. Notwithstanding the registration of this Bond as to principal alone as aforesaid, the coupons will remain payable to bearer and shall continue to be transferable by delivery.
FORM OF INTEREST COUPON

No.                  $                  

[Unless the Bond described below shall have been duly called for previous redemption and payment of the redemption price duly made or provided for,] on June/December 1, The Ohio State University will pay to bearer, from the sources and in the manner provided in the Trust Agreement referred to in the Bond described below, on presentation and surrender of this coupon at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio, or of Chemical Bank, New York, New York, dollars ($) being interest then due on its General Receipt Bond Series 1971, dated June 1, 1971, No.

___________________________ [facsimile signature]  
Vice President, Business and Finance  
The Ohio State University

Single Maturity Fully Registered Bond Form
United States of America
State of Ohio
The Ohio State University
General Receipts Bond, Series 1971

No. R71-                  $                  

The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing pursuant to Chapter 3335 of the Ohio Revised Code, for value received, promises to pay to

, or registered assigns, from the sources and in the manner hereinafter referred to, the principal sum of

DOLLARS ($)                  

* Bracketed clause appears on coupons maturing after the first call date shown on the Bond face.
on June 1, , and to pay from said sources interest thereon from the date hereof at the rate of per centum ( %) per annum semi-annually on June 1 and December 1 of each year, commencing December 1, 1971, until payment of such principal sum has been made or duly provided for. Principal and interest are payable in lawful money of the United States of America, without deduction for the services of the Trustee as Paying Agent. Principal is payable upon presentation and surrender of this Bond at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio. Interest on this Bond will be paid by check or draft mailed to the registered holder hereof at his address as it appears on the registration books of the University.

This Bond is one of the General Receipts Bonds (hereinafter collectively called the "Bonds") authorized and from time to time to be authorized in various series under and pursuant to Section 2i of Article VIII, Ohio Constitution, Sections 3345.11 and 3345.12 of the Ohio Revised Code, the General Bond Resolution (hereinafter called the "General Bond Resolution") adopted by the Board of Trustees of the University (hereinafter called the "Board") on May 7, 1971, a Series Resolution authorizing each issue, and the Agreement described below, for the purpose of paying costs of University Facilities (as defined in the General Bond Resolution) and to refund, fund or retire obligations issued for such purpose. As provided in and subject to said Agreement, the Bonds may be issued from time to time in one or more series, in various principal amounts, with different maturities and interest rates, and may otherwise vary. The aggregate principal amount of Bonds which may be issued is not limited except as provided in the Agreement or as may hereafter be provided by law, and all Bonds will be equally and ratably secured by the pledges and covenants made therein, except as otherwise expressly provided or permitted in the Agreement.

The Bonds are all to be issued under the Trust Agreement (of which the General Bond Resolution is a part) dated as of June 1, 1971, between the University and the above-named Trustee, as the same has been or may be supplemented or amended in accordance with its terms. Such Trust Agreement and amendments thereto and any applicable Supplemental Trust Agreement, including the Series Resolution constituting part thereof, are herein referred to collectively as the "Agreement". The term "Trustee" as used herein refers to said Trustee or any successor Trustee appointed pursuant to the Agreement. Reference is made to the Agreement for a more complete description of the provisions, among others, with respect to the nature and extent of the security, the rights, duties and obligations of the University, the Trustee and the holders of the Bonds and coupons, and the terms and conditions upon which the Bonds are issued and secured, to all of the provisions of which Agreement each holder, by the acceptance hereof, assents.

This Bond is one of a series of the Bonds, designated General Receipts Bonds, Series 1971 (hereinafter called the "Series 1971 Bonds"), in the aggregate principal amount of $4,590,000, authorized by and issued pursuant to the Series 1971 Resolution adopted by the Board on May 7, 1971, and the Agreement, including the First Supplemental Trust Agreement thereto dated as of
June 1, 1971, of which the Series 1971 Resolution is a part, for the purpose of paying part of the costs of certain University Facilities, consisting of certain motor vehicle parking facilities on the campus of the University, comprised of three multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and of refunding notes previously issued for such purpose.

The Series 1971 Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of $5,000, and as fully registered bonds in denominations of $5,000 and any authorized multiple thereof. Coupon Bonds and fully registered Bonds are interchangeable in equal aggregate principal amounts and in authorized denominations at the aforesaid office of the Trustee, in the manner and subject to the limitations provided in the Agreement.

This Bond is transferable by the registered holder hereof in person or by his attorney duly authorized in writing at the principal corporate trust office of the Trustee as Bond Registrar, upon presentation hereof to the Trustee, all subject to the terms and conditions provided in the Agreement.

The Series 1971 Bonds are not callable for redemption prior to December 1, 1981. Series 1971 Bonds maturing after June 1, 1981 are subject to redemption by the University prior to maturity on any interest payment date or after December 1, 1981, in whole or in part and in inverse order of their maturity (less than all of such Bonds of a single maturity to be selected by lot in such manner as may be determined by the Trustee), at a redemption price, expressed as a percentage of the principal amount redeemed, of 103% if redeemed on or before December 1, 1985, 102% if redeemed thereafter, but on or before December 1, 1988 and 101% if redeemed thereafter, plus in each case accrued interest. Such right of redemption shall be exercised by notice, specifying the Bonds or portions of fully registered Bonds to be called, the date fixed for redemption and the places where the amounts due upon such redemption are payable, which notice, subject to the provisions of the Agreement therefor, shall be published at least twice in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption thereof, together with interest thereon to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequently shall be void, and said Bonds, portions of fully registered Bonds, and coupons shall not be deemed to be outstanding under the Agreement.

Principal, interest, and any call premium on the Bonds (hereinafter collectively called the "Bond service charges") are payable solely from, and such payment is secured by a first pledge of and a lien on the gross amount of the General Receipts of the University and the Bond Pledge Fund
and the Bond Service Fund, all as defined, and to the extent and in the manner provided, in the Agreement; provided, however, that nothing herein or in the Agreement shall be deemed to prohibit the University, of its own volition, from using to the extent lawfully authorized to do so any other resources for such payment. Such General Receipts are more particularly defined in the General Bond Resolution as all moneys received by the University including, among other receipts, all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, or other special purpose fees, or otherwise designated, and all gross income, revenues and receipts from University Facilities; and as excluding certain receipts as provided and defined in the General Bond Resolution, among which are moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and provided for by Supplemental Trust Agreement approved by the Board, moneys received in connection with branch campus operations, and specified receipts pledged to secure other bonds of the University. The Bond Pledge Fund is a special trust fund held in the custody of the University into which the University shall pay at specified times in each fiscal year, as provided in the General Bond Resolution, from its collections of General Receipts moneys sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund. The Bond Service Fund, comprised in part of the Bond Service Account and the Bond Service Reserve Account, is held in the custody of the Trustee, and is pledged to the payment of Bond service charges on all Bonds as provided in the Agreement. As required by the Agreement, the University shall make payments to the Bond Service Fund from the Bond Pledge Fund and, if necessary, from other General Receipts, of amounts sufficient to pay Bond service charges as they come due and to establish and maintain the Required Reserve in the Bond Service Reserve Account. The University has covenanted in the Agreement that so long as any Bonds are outstanding it will fix, make, adjust and collect items of General Receipts as will produce at all times General Receipts sufficient to pay Bond service charges when due, to establish and maintain the Required Reserve as provided in the Bond proceedings, and together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University. The holders or owners of the Bonds or appertaining interest coupons shall have no right to have excises or taxes levied by the General Assembly of Ohio for the payment of Bond service charges.

Except as provided in the Agreement, the holders or registered holders of the Bonds are not entitled to enforce the provisions of the Agreement or to institute, appear in or defend any suit, action or proceeding to enforce any provisions of the Agreement or to take any action with respect to any event of default under the Agreement.

In addition to the provisions contained in the Agreement authorizing the University and the Trustee, without the consent of or notice to any bondholder, to enter into Supplemental Trust
Agreements not inconsistent with the Agreement and for certain purposes specified therein, the Agreement contains provisions authorizing such parties, with the consent of the holders of not less than 66-2/3% in aggregate principal of the Bonds at the time outstanding, exclusive of any Bonds then held or owned by the University, to enter into Supplemental Trust Agreements for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms and provisions of the Agreement; provided, however, that no such Supplemental Trust Agreement shall extend the maturity of the principal of or the interest on any Bond or reduce the principal amount of any Bond or the rate of interest or redemption premium thereon without the consent of the holder of each Bond so affected, or reduce the aggregate principal amount of the Bonds required for consent to such Supplemental Agreement without the consent of the holders of all Bonds then outstanding.

If an event of default in payment of Bond service charges or other default shall occur, as defined in the Agreement, the principal of Bonds then outstanding may be declared due and payable in the manner and with the effect provided by the Agreement, but subject to waiver of such event of default or rescission of such declaration as provided in the Agreement.

This Bond shall not constitute the personal obligation, either jointly or severally, of the members or officers of the Board or the officers of the University.

This Bond shall not be entitled to any security or benefit under the Agreement or become valid or obligatory for any purpose until the certificate of authentication hereon shall have been signed by the Trustee.

It is hereby certified and recited that all acts, conditions and things necessary to be done by the University precedent to and in the issuing of the Series 1971 Bonds in order to make them legal, valid and binding obligations of the University in accordance with their terms, have been done and performed and have happened in regular and due form as required by law; that payment in full for the Series 1971 Bonds has been received; and that the Series 1971 Bonds do not exceed or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, The Ohio State University has caused this Bond to be executed by the facsimile signature of the President of the University, and by the facsimile signature of the Secretary of the Board of Trustees of the University, and the facsimile seal of the University to be imprinted hereon all as of the first day of

THE OHIO STATE UNIVERSITY

[facsimile signature]  
President

(Seal)

[facsimile signature]  
Secretary of the Board of Trustees
Form of Assignment to be Printed on Each Fully Registered Bond

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto

_________________________________________________________

the within Bond and does hereby irrevocably constitute and appoint

_________________________________________________________

attorney to transfer the said Bond on the books kept for registration of the within Bond, with full power of substitution in the premises.

Dated:

_________________________________________________________

In the presence of:

_________________________________________________________

Form of Trustee’s Authentication Certificate to be Endorsed on all Series 1971 Bonds

This Bond is one of the Bonds issued under the provisions of the within mentioned Agreement and First Supplemental Trust Agreement thereto.

The Huntington National Bank of Columbus, Trustee

By ____________________________________________

WHEREAS, the University has, or will have in all respects complied with the provisions of the Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee $4,500,000 General Receipts Bonds, Series 1971 being the first issue of Bonds pursuant to the Agreement; and

WHEREAS, pursuant to the applicable provisions of Article VIII of the Agreement and particularly Section 8.01 (vi) thereof, the University desires by this Supplement and the Series 1971 Resolution comprising part thereof to provide for the issuance pursuant to the Agreement of said Series 1971 Bonds;

NOW, THEREFORE, THIS FIRST SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the Bond service charges on the Series 1971 Bonds according to their true intent and meaning, and to secure the performance and observance of
all covenants and conditions therein, herein, and in the Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Series 1971 Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the University has executed and delivered this First Supplemental Trust Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Agreement and this Supplement set forth for the security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said Agreement, without priority of any one Bond or coupon over any other by reason of series designation, number, date of authorization, issuance, sale, execution or delivery, date of the Bonds or of maturity, except as may be otherwise permitted by the General Bond Resolution.

Section 1. Incorporation of Resolution and Certificate. The terms and provisions of the Series 1971 Resolution and the Certificate of Award, as set forth in the preambles hereto, constitute part of this Supplement as if such terms and provisions were here set forth.

Section 2. Form, Execution and Delivery. The Series 1971 Bonds shall be executed, authenticated and delivered as provided herein and in the Agreement, and said Series 1971 Bonds, the coupons to be attached thereto, the form of assignment of fully registered Bonds, and the certificate of authentication of the Trustee to be endorsed thereon, shall be substantially in the forms provided in the preambles hereto with any necessary modifications to conform hereto.

Section 3. Concerning the Trustee. The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Agreement and in this First Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely.

IN WITNESS WHEREOF, the University has caused this First Supplemental Trust Agreement to be executed by its duly authorized officers and the seal of the University to be hereunto affixed, and The Huntington National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this First Supplemental Trust Agreement to be executed in its name by its duly authorized officers and has caused its seal to be hereunto affixed, all as of the day and year first above written, but actually on the dates of the respective acknowledgments.

THE OHIO STATE UNIVERSITY

By _____________________________
Chairman, Board of Trustees

and

By _____________________________
Secretary, Board of Trustees

SEAL
THE HUNTINGTON NATIONAL BANK OF COLUMBUS, TRUSTEE

By _________________________
   Vice President

and

By _________________________
   Assistant Secretary

State of Ohio )
   SS:
County of Franklin )

On this day of 1971, before me a Notary Public in and for said County and State personally appeared James W. Shocknessy and Edward Q. Moulton, the Chairman of the Board of Trustees and the Secretary of the Board of Trustees, respectively, of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and the voluntary act and deed of said University.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

_______________________________
Notary Public

(State)

State of Ohio
County of Franklin

On this day of 1971, before me a Notary Public in and for said County and State personally appeared and

Vice President and Assistant Secretary, respectively, of The Huntington National Bank of Columbus, the bank which executed the foregoing instrument as Trustee, who acknowledged that the seal affixed to said instrument is the seal of said bank, that they did sign said instrument as such officers, respectively, for and on behalf of said bank and by authority granted in its rules and regulations and by its Board of Directors; that the same is their free act and deed as such officers, respectively, and the free act and deed of said bank.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

_______________________________
Notary Public

(State)
APPENDIX I

POOLED INCOME FUND TRUST AGREEMENT

and

INSTRUMENT OF TRANSFER
This Agreement between The Ohio State University (the University) and ______________________ and ____________________ (the Trustees), executed this __________ day of ________________, 19___ witnesseth:

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

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

   (a) An irrevocable remainder interest in the property shall be contributed to the University.

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

   (c) The instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement. A copy of this Agreement shall be attached to each instrument of transfer.
2. **Certain Properties Excluded.**

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

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

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

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

5. **Allocation and Distribution of Income.**

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

(b) Each income interest retained or created shall be assigned a proportional share of the annual income earned by the Trust. Such share expressed in terms of units of participation shall be based on the fair market value of the property transferred by the donor on the date of transfer, in relation to the value on said date of all property held by the Trust immediately prior thereto.

(c) In the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.
Pooled Income Fund - The Ohio State University (continued)

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his death.

6. Classification of Income.

(a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio.

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

7. Distribution of Remainder Interest.

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

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


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

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

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


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

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

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

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

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

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

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

11. Duration of Trust - Amendments.

(a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.
Pooled Income Fund - The Ohio State University (continued)

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

Executed by the undersigned Trustees on the date first written above.

____________________

____________________

____________________

Trustees
Contribution to Pooled Income Fund
of The Ohio State University
(Instrument of Transfer)

The undersigned ______________________, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund under the Agreement dated ______________, 19__, the following property:

the sum of $____________

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

subject to the following terms and conditions:

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

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

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

   (a) To the Donor during his life

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

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

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund and distributed to the University at the termination of said income interest, as provided in said Agreement.
5. The funds and properties so severed from the Pooled Income Fund and distributed to the University shall be administered and expended by the University for the following purposes:

Signed by ______________________________, Donor, and accepted by the Trustees of the Pooled Income Fund, as of ________________________.

______________________________
Donor

______________________________

______________________________

______________________________
Trustees
APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 3, 1971
The Recipients of Honors

RALPH L. BOYER
The Ohio State University
Distinguished Service Award

Outstanding citizen who has exhibited civic commitment, industrial foresight, and unselfish service to The Ohio State University.

As vice president and director of engineering for the Cooper-Bessemer Company, Ralph L. Boyer has played a key role in the development of that corporation's reputation as a quality builder of engines and compressors for government and industrial use. Instrumental in the invention of high compression natural gas engines and large turbine engines for industrial power uses, Mr. Boyer has been called upon frequently by public and private concerns to act as a special consultant.

In addition to his many professional responsibilities, Mr. Boyer has contributed valuable service to his community as president of the Martin Memorial Hospital Board of Trustees, the Knox County Mental Health Association, and the Community Concert Association. In testimony of his many notable achievements, he has been awarded the University's Benjamin G. Lamme Meritorious Achievement Medal and The Ohio State University Association's Alumni Centennial Award.

Mr. Boyer received his bachelor of mechanical engineering degree and his mechanical engineer degree from The Ohio State University in 1924 and 1930 respectively, and he has maintained a keen interest in his alma mater through the years. A member/director of the University Research Foundation and a member of the President's Club, Mr. Boyer has long been committed to the forward thrust of Development Fund programs. He was instrumental in the establishment of undergraduate scholarships and provided the impetus for the Cooper-Bessemer Company to match these with departmental grants. His prominence in the founding of the Alumni Committee of 100 for Engineering and his creative leadership as a member of this committee is a distinctive expression of his dedication to the University.

It is an honor to recognize Ralph L. Boyer for his loyalty and distinguished service to The Ohio State University.

GRACE FERN HECK
The Ohio State University
Distinguished Service Award

Noted attorney whose professional achievements and commitment to higher education are of uncommon distinction.

The career of Grace Fern Heck can be characterized as one of active service to her profession and to her alma mater. An alumna of The Ohio State University, she received her bachelor of arts degree in 1928 and the degree of juris doctor summa cum laude in 1930. As the first elected woman prosecutor in the state of Ohio, she served two terms before being elected municipal judge in Urbana, Ohio. Miss Heck has achieved wide respect throughout the legal profession and is active in both the state and national bar associations. Her devotion to the advancement of law education has remained steadfast through the years, and she continues to serve the interests of education as president of The Ohio State University Law Alumni Association.

In addition to her active involvement in efforts to meet the urgent needs of professional education, Miss Heck has demonstrated enthusiastic support through a broad spectrum of University organizations. As a student, she was active in her social sorority, Zeta Tau Alpha, in Kappa Beta Pi legal sorority, and was elected to Phi Beta Kappa and Order of the Coif. As an alumna, she has contributed imaginative leadership to the Champaign County Alumni Club as that organization's president and also to the national alumni association as second vice president. A recipient of the 1970 Alumni Centennial Award, Miss Heck currently is serving a second five-year term on the Alumni Advisory Board. Her personal role has been recognized as a prime factor in the revitalization and expanded dimensions of the board during the past three years.

The Ohio State University is proud to recognize Grace Fern Heck for her outstanding record of professional achievement and for exemplary service to her alma mater.
VIRGIL OVERHOLT
The Ohio State University
Distinguished Service Award

Pre-eminent teacher and practitioner of progressive soil and water conservation methods.

Widely recognized and admired as an engineer, teacher, and agriculturist, Virgil Overholt has maintained an untiring interest in the identification and solution of problems related to agriculture and the environment. Mr. Overholt, who received his bachelor of science degree in agriculture from The Ohio State University in 1915, has served as a member of the faculty for 41 years. He has inspired students, farmers, and associates by his dedication to the advancement of agricultural education, his encouragement of research and development of sophisticated conservation programs, and his progressive application of agricultural technology.

In recognition of outstanding accomplishment in the areas of irrigation, drainage methods, sanitation, and soil erosion control, Mr. Overholt has been awarded the John Deere Medal by the American Society of Agricultural Engineers. He is also the recipient of the Superior Service Award from the United States Department of Agriculture and is an honorary life member of the Ohio Land Improvement Contractors Association. The Board of Trustees of The Ohio State University conferred the title Professor Emeritus upon him at his retirement in 1956.

The Ohio State University is proud to recognize this alumnus and faculty member for his outstanding contributions to improved agricultural technology and for his unselfish service to the University.
Doctor of Philosophy

Two hundred and ninety-eight candidates

Nancy Hamblen Aruff, Blountville, Tenn.
B.A., M.S. (University of Tennessee)
Dissertation: Paternal Effectiveness in a Selected Cognitive Task
Field of Specialization: Education

James Andrew Adams, Saginaw, Mich.
B.A., A.M. (Morehead State College)
Field of Specialization: Education

Jeram Godinm Advani, Baroda, India
B.E. (Maharaja Sayajirao University of Baroda); M.E. (University of Rajasthan)
Dissertation: Computer Recognition of Three-Dimensional Objects from Optical Images
Field of Specialization: Electrical Engineering

Shang-Yi Ahn, Kimchon, Korea
B.A., M.A. (Korea University); M.S. (University of Dayton)
Field of Specialization: Education

Albert Francis Allong, Trinidad, West Indies
B.S. (Saint Francis Xavier University); M.S. (University of Wisconsin)
Dissertation: Hydrogeology of the Scioto Drainage Basin
Field of Specialization: Geology

Orio Carter Amos, Westerville
A.B. (Virginia State College); M.A.
Dissertation: Satisfaction and Commitment of Ohio Teachers of Educable Mentally Retarded Children
Field of Specialization: Education

James Everett Anderson, Wichita, Kan.
B.A. (University of Kansas); M.S. (Kansas State Teachers College)
Dissertation: A Study of Selected Innovative Components for the Professional Education Segment of Secondary Social Studies Teacher Education Programs
Field of Specialization: Education

Richard Edward Ansett, Lancaster, N.Y.
B.A. (Canisius College); M.A.
Dissertation: The Effect of Presenting Clients with Information about Appropriate Role Behavior on the In-Counseling Behavior of Clients
Field of Specialization: Psychology

Dale Arnold Arabood, Glen Ellyn, Ill.
B.A. (Knox College)
Dissertation: A Credit Scoring Approach to the Commercial Lending Credit Decision Process
Field of Specialization: Industrial Engineering

Do Sun Bai, Seoul, Korea
B.S. in Engr., B.S.Com. (Seoul National University); M.S.
Dissertation: Efficient Sampling Plans in a Two-State Markov Chain
Field of Specialization: Statistics

B.E.E., M.S.
Dissertation: Epitaxial Growth of Gallium Arsenide on Zine Selenide
Field of Specialization: Electrical Engineering

Charles Edwin Ballinger, Columbus
B.A. (DePauw University); M.A.
Dissertation: Drug Education: Some Guidelines for Development of Instructional Programs for Students: K-12
Field of Specialization: Education

David Allen Banker, Newport News, Va.
B.S.Ag. (University of Delaware); M.S.
Dissertation: Some Effects of Localized Internode Segment and Entire-Shoot X-Irradiation on the Survival and Morphology of Sunflower Plants
Field of Specialization: Botany

Evelyn Ruth Berryman Barritt, Worthington
B.S. in Nurs., M.A.
Dissertation: Florence Nightingale's Values Regarding Nursing Education
Field of Specialization: Education

Charles Augustus Bauer, Los Angeles, Calif.
B.S. (Loyola University of Los Angeles)
Dissertation: The Compositional Dependence of the Spinwave Dispersion Coefficient D in the Invar Region
Field of Specialization: Physics

Gerald Robert Baughman, Carey
B.Agr.E., M.S.
Dissertation: Experimental Study and Simulation of a Concurrent-Flow Grain Dryer
Field of Specialization: Agricultural Engineering

Sandra Williams Bennett, Reynoldsburg
B.S.Ed. (Otterbein College); M.A.
Field of Specialization: Speech

John Pierre Berwald, Amherst, Mass.
A.B. (University of Michigan); M.A. (Middlebury College)
Dissertation: An Assessment Study of Innovative High School Foreign Language Programs
Field of Specialization: Education

Kermit John Blank, Knoxville, Tenn.
B.S.Ed. (Pennsylvania State Teachers College); M.S.Ed. (Temple University)
Dissertation: An Empirical Assessment of the Differences in Value Orientation between Students at the University of Tennessee and Their Parents
Field of Specialization: Education

Dwight Allen Blaser, Westerville
B.M.E., M.S.
Dissertation: A Preliminary Analytical and Experimental Investigation of Helicopter Rotor Boundary Layers
Field of Specialization: Mechanical Engineering
Francis Eldon Bloomer, Wichita, Kan.
A.B.Ed., M.Ed. (Wichita State University)
Dissertation: Social Studies Teachers' Perception of Topics in Geography
Field of Specialization: Education

John Andrew Blough, Cleveland
A.B. (College of Wooster)
Dissertation: Knowledge for Action: An Analysis of the Relevance of Selected Social Science Concepts to the Preparation of Educational Leaders
Field of Specialization: Education

Walter Raymond Bottz, Napoleon
B.S.Ed. (Bowling Green State University); M.A.Ed. (Ball State University)
Dissertation: The Relationship of Selected High School Courses to Success in College
Field of Specialization: Education

John Donald Boyd, II, Westerville
A.B. (Milligan College); M.A. (Bowling Green State University)
Dissertation: The Construction of a Microcounseling Training Model and the Assessment of Its Effectiveness in Teaching a Cognitively Flexible Set of Verbal Response Behaviors to Neophyte Counselors
Field of Specialization: Education

Joe Louis Boyer, Tuscaloosa, Ala.
B.S. (Tennessee Agricultural and Industrial State University); M.S. (University of Illinois)
Dissertation: Knowledge and Perceptions of Knowledge Related to Teaching and Learning in Disadvantaged Areas: A Comparative Study of Pre-Service Teachers in Predominantly Black and Predominantly White Universities
Field of Specialization: Education

B.S.Ed. (California State College, Pennsylvania); M.A.
Dissertation: The Liberals as a Third Party in British Politics, 1925-1931: A Study in Political Communication
Field of Specialization: History

James Eugene Bradley, Alliance
B.S. (Muskingum College); M.S.
Dissertation: Phase Relations in the System CaSiO3 - CaWO3 - SiO2
Field of Specialization: Mineralogy

Jappnell Davis Braun, Columbus
B.S. (University of Florida); M.S.
Dissertation: Local Equilibrium and Diffusion in Multiphase Couples
Field of Specialization: Metallurgical Engineering

William Cleve Brewington, Richmond, Va.
B.S. (Bethune-Cookman College); M.Ed. (University of Virginia)
Dissertation: A Study of First Year Secondary School Science Teachers Who Completed Preservice Programs at The Ohio State University
Field of Specialization: Education

Celeste Mary Brody, Jordan, N.Y.
B.A. (Catholic University of America); M.A.Ed. (Syracuse University)
Dissertation: An Exploratory Study of Student Classroom Behavior at It Influences the Social System of the Classroom
Field of Specialization: Education

Marcus William Bruce, Sykesville, Md.
B.S. (Western Maryland College); M.S. (West Virginia University)
Dissertation: A Survey of Attitudes of Administrators and Other Faculty in Regards to Faculty Work Load in Physical Education in Higher Education
Field of Specialization: Physical Education

Ronald Lee Burgher, Dayton
B.S.Ed., M.A. (Bowling Green State University)
Dissertation: An Exploration of the Relationship between the Self-Images of Agents and Various Rhetorical Choices Employed during Selected Student Movements
Field of Specialization: Speech

William G. Callahan, Syracuse, N.Y.
B.S.Ed. (State College at Boston)
Dissertation: The Effectiveness of Silence as a Reinforcer with the Educable Mentally Retarded and Its Relationship to the Construct of Locus of Control
Field of Specialization: Education

Elke Jurandy Bran Nogueira Cardoso, Piracicaba, S. P., Brazil
Eng.Ag., M.S. (University of Sao Paulo)
Dissertation: Influence of Light on the Oospore Germination of Several Species of Phytophthora
Field of Specialization: Plant Pathology

Norma June Carr, Seattle, Wash.
B.S. (University of California at Los Angeles); M.S. (University of Washington)
Dissertation: The Effect of Objective and Subjective Television Camera Treatments on the Learning of Selected Psychomotor and Cognitive Aspects of Badminton Achievement of College Women
Field of Specialization: Physical Education

Patricia Mezo Carr, Columbus
B.A., M.S.Ed. (Southern Illinois University)
Dissertation: The Application of Micro-Counseling and Instructional Supervision in the Training of Teachers in Counselor Verbal Response Skills
Field of Specialization: Education

Arnaldo Carrasquillo, Rio Piedras, Puerto Rico
B.S., M.S. (University of Puerto Rico)
Dissertation: Small Ring N-Chloramine Solvolysis; Reactions of Some Strained Rings with Electron Deficient Acetylenes
Field of Specialization: Chemistry

David George Carter, Dayton
B.S.Ed. (Central State University); M.Ed. (Miami University)
Field of Specialization: Education

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Howard Samuel Case, Westminster, Md.
B.S., M.Ed. (Western Maryland College)
Dissertation: Detraining Following Two Frequencies of High Volume Interval Training
Field of Specialization: Physical Education

Francie Joseph Cesario, Jr., Columbus
B.S.M.E. (University of Massachusetts); M.S. (Montana State College)
Dissertation: Parameter Estimation in Trip Distribution Modeling
Field of Specialization: Industrial Engineering

Burley Dean Channer, Berkey
B.A. (University of Kansas); M.A. (Middlebury College)
Dissertation: Lyrical Structure in Two Novels of Wilhelm Lehmans: Der Bildnerturner and Weingott
Field of Specialization: German

Hsien Chen Cheng, St. Louis, Mo.
B.S. (National Taiwan University); M.A. (Washington University)
Dissertation: Isoenzymes of Hexokinase in Rat Testes at Various Developmental and Endocrine States
Field of Specialization: Dairy Science

David K-P Cheung, Corvallis, Ore.
B.S., M.S. (Oregon State University)
Dissertation: Small Signal Impedance of P+ -N+ Diode under High Level Injection
Field of Specialization: Electrical Engineering

Long Fai Chiu, Selangor, Malaysia
B.S. (University of Western Australia)
Field of Specialization: Education

Sang-Sam Choi, Chapel Hill, N. C.
B.S. (University of North Carolina); M.S. (Michigan State University)
Dissertation: The External Photoelectric Effect from Adsorbed Cyanine Dyes
Field of Specialization: Physics

Charles Thornton Christie, Newark
B.S.Ed. (Temple University); M.Ed. (Ohio University)
Dissertation: An Investigation of Three Teaching Theories
Field of Specialization: Education

Calvin Lee Christman, Belle Center
A.B. (Dartmouth College); M.A., M.A.T. (Vanderbilt University)
Dissertation: Ferdinand Eberstad and Economic Mobilization for War, 1941-1945
Field of Specialization: History

Marilyn Fairfax Colby, Falls Church, Va.
B.S. in Phys. Ed. (The Women's College of the University of North Carolina at Greensboro); M.S. in Phys. Ed. (Indiana University)
Dissertation: The Amount of Information Feedback Essential to Error Correction in Putting
Field of Specialization: Physical Education

Lawrence Edward Cole, Jr., Albion, N. Y.
B.S. in Speech, M.S. (Emerson College)
Dissertation: A Study of Some Relationships of Social Sensitivity and Leadership Selections
Field of Specialization: Speech

Arnold Roy Collen, Walnut Creek, Calif.
B.A. (San Francisco State College); M.A.
Dissertation: Category Repetition and Proactive Inhibition in Short-Term Memory
Field of Specialization: Psychology

John Charles Cooper, Columbus
B.A. (Miami University); M.A. (Kent State University)
Dissertation: Political Orientations and Voting Behavior: A Study of Independents and Party Identifier
Field of Specialization: Political Science

Edward Vincent Cosgrove, Columbus
B.S. (Georgetown University); M.S. (Northeastern University)
Dissertation: Control of Ribonucleic Acid Synthesis in Escherichia coli with B-Phenethyl Alcohol
Field of Specialization: Microbiology

Dennis McKelvey Courtney, Edinboro, Pa.
A.B., M.A. (Wayne State University)
Dissertation: The Effects of Member Power, Power Motivation and Set to Cooperate or Compete with Other Group Members in Small Decision-Making Groups
Field of Specialization: Psychology

Joshua Crane, Lake Worth, Fla.
A.B. (Guiford College); M.A. (University of Florida)
Dissertation: An Investigation of Cast and Audience Semantic Agreement in Readers Theatre Productions
Field of Specialization: Speech

Emily L. Cronau, South Plainfield, N. J.
A.B. (Indiana University); M.A.
Dissertation: Narrative and Lyric Motifs in the Fifteenth Century Spanish Sentimental Novel
Field of Specialization: Romance Languages

Roger Bruce Culver, Fort Collins, Colo.
B.A. (University of California); M.S.
Dissertation: An Analysis of the Spectrum of the Irregular Variable CY Cygni in the Wavelength Region 5000A-6700A
Field of Specialization: Astronomy

Elizabeth West Davidson, Columbus
B.S. (Mount Union College); M.S.
Dissertation: Ultrastructure of Peritrophic Membrane Development and American Foulbrood Disease Pathogenesis in Larvae of the Worker Honey Bee, Apis mellifera L. (Hymenoptera: Apidae)
Field of Specialization: Entomology

Ann Schwarze Davis, Lebanon
B.A.; M.S.S.W. (University of Louisville)
Dissertation: Schizophrenics in the Community: A Follow-Up
Field of Specialization: Sociology

* Degree granted in cooperation with Miami University
Charles Stanley Davis, Columbus
B.S. in Bus. (Indiana University); M.B.A.
**Dissertation: Factors Affecting the Selection and Use of University-Sponsored Executive Development Programs**
**Field of Specialization:** Business Administration

Michael Lewis Dean, Cincinnati
A.B. (University of Michigan); M.B.A.
**Dissertation:** The Influence of Promotional Copy Claims on Consumer Attitudes toward Selected Products: An Empirical Study
**Field of Specialization:** Business Administration

Woodrow Steven Demny, Fairborn
B.F.E., M.S.
**Dissertation:** Inventory Management Subject to Financial Constraints
**Field of Specialization:** Industrial Engineering

Daniel Zai-Foo Deng, Hsin-Chu, Taiwan
B.S. (National Taiwan University); M.S.M.E. (Syracuse University)
**Dissertation:** Dynamic Stability of a Cylindrical Shell in an Acoustic Medium
**Field of Specialization:** Engineering Mechanics

John David Dennis, Johnson City, N. Y.
B.S. in Ed., M.A.
**Dissertation:** Dynamic Stability of an Incompressible Fluid in a Closed-Loop Air Traffic Control Network
**Field of Specialization:** Civil Engineering

Lila Egan Dennis, Columbus
B.S. in Edu., M.A.
**Dissertation:** Representation of Competence of Young White Deaf and Hearing Children from Different Socio-Economic Backgrounds
**Field of Specialization:** Psychology

Walter Joseph Diewald, Columbus
B.S.C.E. (University of Dayton); M.S.
**Dissertation:** Investigation of a Combined Photographic and Computer Simulation Technique for Use in the Study of Isolated Intersections
**Field of Specialization:** Civil Engineering

John Franklin Disinger, Rochester, N. Y.
B.S.Ed. (State Teachers College at Brockport); M.A.Ed. (University of Rochester)
**Dissertation:** Student Development, Teacher Characteristics and Class Characteristics in Junior High School Science
**Field of Specialization:** Education

William Irving Dorfman, Scranton, Pa.
B.S. (University of Scranton); M.A.
**Dissertation:** A Factor Analytic Study of the Structure Underlying Ratings of Specified Person-Concepts
**Field of Specialization:** Psychology

Brian Richard Durbrow, Cincinnati
B.B.A. (State University of Iowa); M.S. (Northern Illinois University)
**Dissertation:** Inter-Firm Executive Mobility: An Empirical Study of Relationships, Comparisons, and Patterns
**Field of Specialization:** Business Administration

Lynn Alan Ebersole, Columbus
A.B. (Wittenberg University); M.S.
**Dissertation:** The Effects of Interactions of Longitudinal Vein Mutants with SelectedModifiers and Temperature in Drosophila melanogaster
**Field of Specialization:** Genetics

Victor Earl Edmonds, Columbus
B.S.Ed. (University of Dayton); M.A.
**Dissertation:** Definition of the Free Schools Movement in America, 1967-1971
**Field of Specialization:** Education

Frank Thomas Eggemeier, Covington, Ky.
B.A. (University of Dayton); M.A.
**Dissertation:** Multidimensional Encoding in Short-Term Memory
**Field of Specialization:** Psychology

Ram Mohan Engira, Ludhiana, India
B.S. (Panjab University); M.S.
**Dissertation:** A Study of the Magnetic Field Associated with Neuronal Activity in Nerve Bundles
**Field of Specialization:** Electrical Engineering

Clinton Allen Erb, North Syracuse, N. Y.
B.M.Ed. (Clarkson College of Technology); M.S.Ed. (Syracuse University)
**Dissertation:** A Formative Evaluation of an Experimental Teacher Education Project for Juniors in Mathematics Education at The Ohio State University
**Field of Specialization:** Education

Robert Kenneth Evans, Cincinnati
B.Mus. (New England Conservatory of Music)
**Dissertation:** The Early Songs of Sergei Prokofiev and Their Relation to the Synthesis of the Arts in Russia: 1906-1922
**Field of Specialization:** Music

James Walter Eyster, Canfield
B.M.E., M.S.
**Dissertation:** Optimal Self-Perpetuating Flow in a Closed-Loop Air Traffic Control Network
**Field of Specialization:** Industrial Engineering

Francis Afolabi Fajemirokun, Okeigbo, Nigeria
B.S. (University of Nigeria); M.S.
**Dissertation:** Application of New Observational Systems for Sundialing Control
**Field of Specialization:** Geodetic Science

James Alvin Fannin, Lancaster
B.S.Ed. (Ohio University)
**Dissertation:** Some Aspects of Automobile Bodily Injury Liability Insurance, 1925-1988: A Study in Social Adjustment to Technical Change
**Field of Specialization:** History

Lynn Anderson Fanta, Cincinnati
B.A., L.L.B.
**Dissertation:** Crisis Ideology in American Social Thought: Its Implications and Impact upon Education
**Field of Specialization:** Education
Eston Chrisitis Farrell, Jr., Columbus
B.A. (Eastern Nazarene College); M.S.
Dissertation: The Partial Characterization of Mitochondrial CPK and its Release from Mitochondria: A Background Study for the Understanding of Myocardial Infarction
Field of Specialization: Physiological Chemistry
Jon J. Fauley, Roseville
B.S. in Phar.
Field of Specialization: Pharmacy
Sister Camille Fercence, Columbus
B.A. (Saint Xavier College); M.Ed. (University of Toledo)
Dissertation: Prediction of Creativity by Means of Interest Measures
Field of Specialization: Education
Dale Leroy Ford, Columbus
B.S. in Phys., M.S.
Dissertation: Line Parameters of N₂O near 4.5 μm
Determined from Absorption Spectra Obtained with a Fabry-Perot Interferometer
Field of Specialization: Physics
Nancy Carolyn Fowler, Lima
B.S. in Edu., M.A.
Dissertation: The Effects of Instrument Orientation and Abstraction on Motor Response Time and Accuracy to Slide Presentations of Oboe Fingerings
Field of Specialization: Music
Ruth Amelia Fox, Oakland, Md.
B.A., M.A.
Dissertation: The Tangled Chain: The Structure of Disorder in The Anatomy of Melancholy
Field of Specialization: English
Michele Fratianne, Bloomington, Ind.
B.A., M.A.
Field of Specialization: Economics
Linda Sue Frey, Columbus
B.A., B.S. in Edu., M.A.
Dissertation: Anglo-Prussian Relations, 1703-1708: Thomas Wentworth, Baron Raby’s Mission to Berlin
Field of Specialization: History
Marsha Lee Frey, Columbus
B.A., B.S. in Edu., M.A.
Dissertation: Austria’s Role as an Ally of the Maritime Powers during the Early Years of the War of the Spanish Succession, 1701-1706
Field of Specialization: History
John A. Fried, Columbus
B.M.E. (Stevens Institute of Technology); M.B.A.
(University of Southern California)
Dissertation: A Methodology for the Analysis of the Interdiction of a Primitive Logistic System
Field of Specialization: Industrial Engineering

Edward Kunio Fujimoto, Honolulu, Hawaii
B.A., M.A. (University of Hawaii)
Dissertation: The Comparative Communicative Power of Verbal and Nonverbal Symbols
Field of Specialization: Speech
Jean Paul Gagnon, Storrs, Conn.
B.S.Pharm., M.S. (University of Connecticut)
Dissertation: An Examination of the Effect of Pharmacy Operating Characteristics, Drug Classification and Method of Payment on the Gross Margins of Prescription Drugs
Field of Specialization: Pharmacy
Roger Michael Glaser, Laurelton, N. Y.
B.A., M.S.Ed. (Queens College)
Dissertation: Metabolism of Exercised and Cold Stressed Mice during and following Hypoxia and Hyperoxia
Field of Specialization: Physical Education
Joan Irene Glazer, Columbus
B.S. in Edu., M.A.
Dissertation: The Development of the Glazer Narrative Composition Scale
Field of Specialization: Education
Karen Kircher Glendenning, Columbus
B.S. (University of Washington); M.A.
Dissertation: The Effects of Septal and Amygdaloid Lesions on Social Behavior of the Cat
Field of Specialization: Psychology
Robert Lewis Glendenning, Columbus
B.S., M.A.
Dissertation: Effects of Training between Two Unilateral Lesions of Visual Cortex in Sparing Black-White Discrimination Habits
Field of Specialization: Psychology
James Douglas Gore, Detroit
B.S. (University of Michigan)
Dissertation: The Physical and Chemical Properties of Bis-(μ-Dimethylamino) Bis-(μ-Dihydrid-octamethyl)tetraalane
Field of Specialization: Chemistry
Lillic Beasley Glover, Columbus
B.S. (South Carolina State College); M.A. (New York University)
Dissertation: Concepts, Generalizations, and Behavioral Objectives: Feasibility of Mini Conference Instruction for Secondary Teachers
Field of Specialization: Home Economics
Sonia Kovitz Gotman, Columbus
B.A., M.A.
Dissertation: Cezov’s Use of Irony in His Fiction
Field of Specialization: Slavic Languages and Literature
Robert William Gotshall, Carrollton
B.S. (Mount Union College); M.S.
Dissertation: Water and Electrolyte Metabolism in Adrenalectomized-nephrectomized Rats and the Effects of Adrenal cortical Hormone Replacement
Field of Specialization: Physiology
John Jay Griswold, Elgin, Ill.
A.B. (Knox College); A.M. (Rutgers University)
Dissertation: An Evaluation of a Secondary Mathematics Teacher Education Program Emphasizing School Experiences in Contrasting Cultural Settings
Field of Specialization: Education

Mildred Wines Graham, Columbus
B.S.H.E. (West Virginia University); M.A.
Dissertation: Development of an Intensive Program for Geology Teaching Assistants to Reduce Role Conflict and to Improve Teaching Skills
Field of Specialization: Education

Arthur Edward Greene, Montclair, N. J.
B.S.
Dissertation: A Study of SC Stars
Field of Specialization: Astronomy

Glenda Ruth Guilliams, Columbus
B.A. (Hastings College); M.S. (Ohio University)
Dissertation: Cardio Respiratory Responses during Exercise as Related to Females of Different Training Levels
Field of Specialization: Physical Education

Ashok Kumar Gumbhir, Chandigarh, India
B.Pharm. (Panjab University); M.S. (University of Minnesota)
Dissertation: The Determination and Evaluation of the Economic Significance of the Consumer Price Differentials between Generic and Brand Name Prescriptions
Field of Specialization: Pharmacy

John Duncan Gunner, Winchester, England
B.A. (New College, Oxford University)
Dissertation: Age and Origin of the Nimrod Group and of the Granite Harbour Intrusives, Beardmore Glacier Region, Antarctica
Field of Specialization: Geology

Raymond Michael Haines, New Carlisle
A.B. (Itham College); M.A.
Field of Specialization: English

John Raymond Hall, III, Pekin, Ill.
B.S., M.S. (University of Illinois)
Dissertation: The Effect of Atmospheric Season, and Method of Sampling on Foliar Analysis, Mineral Depletion, and Yield of Merion Kentucky Bluegrass
Field of Specialization: Agronomy

John Wesley Hall, Pendleton, S. C.
A.B. (Morris College); M.A.
Dissertation: The Effects of Supportive Services for Disadvantaged College Students
Field of Specialization: Education

John Dwight Harder, Fort Collins, Colo.
B.A. (Hastings College); M.S. (Colorado State University)
Dissertation: The Application of an Antifertility Agent in the Control of a White-Tailed Deer Population
Field of Specialization: Zoology

Earl August Hartzler, Smithville
B.A. (College of Wooster)
Dissertation: Nuclear Magnetic Resonance Spin Echoes in Solid H
Field of Specialization: Physics

Thomas Clark Hatcher, Mt. Morris, Pa.
B.S. in Ed. Ed., A.M. (West Virginia University)
Dissertation: The Development of Comprehension Skills in Selected Basal Readers
Field of Specialization: Education

B.A. (Kenyon College); M.S. (Medical College of Georgia)
Dissertation: Ascending Spinal Projections to the Cerebellum, Brainstem and Diencephalon in the American Opossum, Didelphis marsupialis virginiana
Field of Specialization: Anatomy

B.S. (Saint Mary's College, Indiana); M.S. (Medical College of Georgia)
Dissertation: Short Term Effects of Actinomycin D and Nitrogen Mustard on Murine Lymphocytic Leukemia P388
Field of Specialization: Anatomy

Janet Craig Heddesheimer, Columbus
B.A. (Coe College); M.A.
Dissertation: A Computer-Based Management and Education Information System for Counselor Education
Field of Specialization: Education

Ronald Nelson Helms, Peoria, Ill.
B.A., M.S. (University of Illinois)
Dissertation: Evaluation of the Visual Effectiveness of Selected Luminous Environments by the RCS Method
Field of Specialization: Biophysics

Samuel Thompson Henderson, Athens
B.S. (Ohio University); M.A.
Dissertation: A Study of Processes for Selecting School Superintendents
Field of Specialization: Education

Paul Wilson Henshaw, Columbus
B.A. (Adrian College); M.Div. (Methodist Theological School in Ohio); M.A.
Dissertation: The Development of a Projective Technique for Analyzing the Interpersonal Needs of Kindergarten Children
Field of Specialization: Education

James Tromp Heringer, Jr., Worthington
A.B. (Harvard University)
Dissertation: Some Grammatical Correlates of Felicity Conditions and Presuppositions
Field of Specialization: Linguistics

Charles Jefferson Hicks, Jr., Columbus
B.S.Ed. (Central State College); M.A.
Dissertation: The Effects of Short-Term Group Counseling on the Interpersonal Behaviors of Urban Teacher Education Students
Field of Specialization: Education
Joyce Patricia Webb Hicks, Columbus
B.S. (Fort Valley State College); M.S. in L.S. (Atlanta University)
Dissertation: A Study of the Effectiveness of Self-Conceptual Development and Academic Tutoring on the Achievement of Inner-City Youths
Field of Specialization: Education

Tatsuo Higu, Nago, Okinawa
B.E. (Yokohama National University); M.S.
Dissertation: Investigation of the Oxidations Effected by Thionyl Chloride
Field of Specialization: Chemistry

Charles H. Hiceock, Columbus
B.A.Ed., M.S.Ed. (Nebraska State Teachers College)
Dissertation: Charlie Hayse Foster: His Life and Contributions to Physical Education, Athletics, and Students
Field of Specialization: Physical Education

Ellen Rozelle Hock, Columbus
B.S. in Edu., M.A.
Dissertation: Cardiac Response of Premature and Full Term Neonates to Auditory and Tactile Stimulation
Field of Specialization: Psychology

James Hilton Hodges, Westerville
B.S. (Northeastern State College); M.S.
Dissertation: Estimation of Pentose Cycle Activity from the Degree of Recycling in Human Erythrocytes and Leukocytes
Field of Specialization: Pathology

Bruce Lynn Hollering, Columbus
B.S. in Edu., M.A.
Dissertation: Metabolic Energy Sources as Affected by a Seven-Week Program of Interval Training
Field of Specialization: Physical Education

Sandra Jo Hornick, Kent
B.S. (Ohio Northern University); M.A. (Kent State University)
Dissertation: Spectroelectrochemical Instrumentation and Apparatus for Studies of Solutions Flowing through the Tubular Electrode
Field of Specialization: Pharmacy

Paul Daniel Jachimak, Lima
B.Chem.E. (University of Detroit); M.S.
Dissertation: Time-Dependent, Non-Newtonian Behavior of Viscoelastic Materials
Field of Specialization: Chemical Engineering

Jean Anthony Johenning, Columbus
A.B., M.A. (Fordham University)
Field of Specialization: Speech

Chester George Jones, Kettering
B.M.E. (Syracuse University); M.S. in E.E. (University of Illinois)
Dissertation: Attrition of Bombers as a Function of Weapon Load and Grouping of the Airborne Defense
Field of Specialization: Industrial Engineering

Charles William Keller, Delaware
B.A. (Hamline University); M.Mus. (University of Michigan)
Dissertation: The Piano Sonatas of Nicholas Medtner
Field of Specialization: Music

Encel Glen Keyser, Columbus
B.S. in H.E., M.S.
Dissertation: Adjustment to Parenthood: A Structural Model
Field of Specialization: Home Economics

Frederick William Kleinman, Granville
B.S. (University of Michigan)
Dissertation: Electron Paramagnetic Resonance in Mg:Mn
Field of Specialization: Physics

Jaqueline Agnew Kleinman, Columbus
B.A.
Dissertation: Public/Private — The Education of Soren Kierkegaard
Field of Specialization: Philosophy

Allen Richard Kraska, Columbus
B.S.
Dissertation: The Rearrangement of 2-Methylbenzylidene; Steric and Electronic Effects in Alkyl Migrations to Divalent Carbon
Field of Specialization: Chemistry

Burton Jay Krohn, Nashville, Tenn.
B.S. (Vanderbilt University); M.S.
Dissertation: Calculation of Vibration-Rotation Energies of Diatomic Molecules to Sixth Order of Approximation and Bent Symmetrical XY Triatomic Molecules to Fourth Order by an Improved Systematic Perturbation Procedure
Field of Specialization: Physics

Marion David Kunkel, Cincinnati
B.A., M.A. (Xavier University)
Dissertation: Inquiry in the Secondary English Class
Field of Specialization: Education

Omkar Nath Kunzru, Bikaner, India
B.S., B.V.S. and A.H. (University of Rajputana); M.S. (Michigan State University)
Dissertation: Role of the Area Extension Agents in Program Development as Perceived by Selected Extension Personnel
Field of Specialization: Agricultural Education
Mohammed Youssouf Kurmally, Mauritius
B.A. (University of New Brunswick); M.A.
Field of Specialization: Classics

Robert Henry Lovely, Terre Haute, Ind.
B.A., M.S. (Indiana State Teachers College)
Dissertation: An Investigation Comparing Primary Mental Abilities of Trainable Mentally Retarded Children, Educable Mentally Retarded Children, and Normal Children with Comparable Mental Ages
Field of Specialization: Education

Chao-kuan Lo, Taipei, Taiwan
B.S. (National Taiwan University); M.E. (State Graduate School of Engineering)
Dissertation: The Multi-Linear Speed-Density Relationship and Its Immediate Applications
Field of Specialization: Civil Engineering

B.A. (Queens College of the City University of New York); M.A. (University of Sussex)
Dissertation: L'Histoire Raissoumme: A Study of French Historiography, 1660-1720
Field of Specialization: History

Ronald Raymond Lentz, Columbus
B.E., M.S.
Dissertation: A Numerical Study of Electromagnetic Scattering from Ocean-Like Surfaces
Field of Specialization: Electrical Engineering

Chi-fa Lin, Hsin-Chu, Taiwan
B.S. in Agr. (National Taiwan University); M.S.
Dissertation: The Casein Stabilizing Function of Sulfated Hydrocolloids
Field of Specialization: Dairy Technology

Billy Lee Lockman, San Diego, Calif.
A.B., B.S. (San Diego State College); M.S.
Dissertation: Reactions between Alkalii Metals and Pentaborane-9, A Preliminary Investigation
Field of Specialization: Chemistry

Chalsa Mary Loo, Honolulu, Hawaii
A.B. (University of California at Berkeley); M.A.
Dissertation: The Effects of Spatial Density on the Social Behavior of Children
Field of Specialization: Psychology

Doris Liechty Lora, Toledo
B.S.Ed. (Bluffton College); M.A.
Dissertation: The Perception of the Motive in the Bach Chorale Preludes
Field of Specialization: Music

Alan Searing Loomier, Columbus
B.A. (Kenyon College); M.A. (University of Chicago)
Dissertation: The Giant's Foot: A Reading of Wuthering Heights
Field of Specialization: English

John Howard Lucy, Farmington, Pa.
B.S.Ed. (State Teacher's College at California, Pennsylvania); A.M. (West Virginia University)
Dissertation: A Descriptive Study of Emergency Teacher Certification Programs in Industrial Arts Education in Ohio and Related Programs throughout the United States
Field of Specialization: Education

Oliver Reese Lumpkin, Savannah, Ga.
B.S. (Fort Valley State College); M.Ed. (Tuskegee Institute)
Dissertation: Characteristics of Disadvantaged Rural Youth in Southern Secondary Schools
Field of Specialization: Agricultural Education

Jesse Lynne Lynn, Jr., Charlottesville, Va.
B.S. (Davidson College)
Dissertation: Bifunctional Catalysis of α-Hydrogen Exchange in Isobutyraldehyde-2-d by 1-Dimethylamino-8-Amino-2-Octyne
Field of Specialization: Chemistry

David George Mader, Worthington
B.S. (Marion College); M.S.
Dissertation: A Study of Strategies for Selection of Students for Individually Paced Sections of a College Mathematics Course
Field of Specialization: Education

Jack Roger Manischewitz, West Orange, N.J.
A.B., M.S. (Rutgers College)
Dissertation: A Numerical Phenetic Study of the Snake Mitre of the Family Isodophychidae (Acari: Mesostigmata)
Field of Specialization: Entomology

Kurt Myron Marshek, Clintonville, Wis.
B.S.M.E., M.S.E. (University of Wisconsin)
Dissertation: Invariance Analysis: Advances and Applications
Field of Specialization: Mechanical Engineering

Alexander Robert Martin, Delaware
B.S. in Agr., M.S.
Dissertation: Bud Dormancy in Canada Thistle as Influenced by Shoot Excision and Plant Hormones
Field of Specialization: Agronomy

John Stuart Martin, Columbus
B.A., M.A.
Dissertation: Clarifying the Semantic and Grammatical Characteristics of the Non-Countable Noun through Classification, Comparison and Vocabulary
Field of Specialization: Education

Samuel Albert Martin, Wayland, Mass.
B.S. in Met. E. (Lafayette College)
Dissertation: A Study of the Effect of Copper Concentration and Heat Treatment on the Structure and Hardness of CD4MCu Stainless Steel
Field of Specialization: Metallurgical Engineering

Morris Glen Mast, Ephrata, Pa.
B.S.Ed. (Goshen College); M.S.
Dissertation: Influence of the Growth of Psychrophilic Microorganisms on the Flavor and Selected Chemical Components of Chicken Meat
Field of Specialization: Poultry Science

Joseph Sylvester Matney, Grundy, Va.
B.S. (Virginia Polytechnic Institute); M.S.
Dissertation: Some Descriptive Models of Single Facility Sequencing with Interactive Service Times
Field of Specialization: Industrial Engineering
Sister Patricia Alice McCabe, Princeton, N. J.
B.A. (Albemarle College); M.A. (Catholic University of America)
**Dissertation:** Interactions among Microbial Cells, Enzymes, Substrates and Clay Minerals
**Field of Specialization:** Microbiology

Clair Wyline McClure, Mercer, Pa.
B.S. (Thiel College); M.A.
**Dissertation:** Effectiveness of Mathematics Laboratories for Eighth Graders
**Field of Specialization:** Education

James Michael McCormack, Westerville
B.S. Mech. Eng. (University of Rochester); M.S. (Air Force Institute of Technology)
**Dissertation:** The Determination of Thermodynamic Properties by Mass Spectrometry in the Ni-Co, Co-Cr, Ni-Cr and Ni-Co-Cr Systems
**Field of Specialization:** Metallurgical Engineering

Joseph Lee McCullough, Yeand, Pa.
B.A. (Villanova University); M.A.
**Dissertation:** The Use of a Measure of Net Counterargumentation in Differentiating the Impact of Persuasive Communications
**Field of Specialization:** Psychology

Dennis Neil McFadden, Columbus
B.A., M.A.
**Dissertation:** Cognitive Theory as Related to Psychometric Factors of Intelligence
**Field of Specialization:** Psychology

James Calvin McFieley, Shilo, Ill.
B.S.Ed. (Otterbein College); M.S. (Ohio University)
**Dissertation:** Studies on Phylllostoma Diseases of Corn in Ohio
**Field of Specialization:** Plant Pathology

Ronald Leon McNight, Cleveland
B.A., M.A. (Brigham Young University)
**Dissertation:** Managerial Roles in Public Television and Academic Subjects Applicable to Role Fulfillment
**Field of Specialization:** Speech

Judith Ashell McMillen, Columbus
B.M. (DePauw University); M.S. (Purdue University)
**Dissertation:** A Feasibility Study of a Self-Paced, Performance-Based, Laboratory-Centered Music Fundamentals Course for Prospective Elementary Classroom Teachers
**Field of Specialization:** Education

Bruce Alan McNaan, Cambridge
R.A., B.S.Ed. (Bowling Green State University); M.Ed. (Wittenberg University)
**Dissertation:** Freedom of Choice for Students in the Primary School
**Field of Specialization:** Education

Keith Eugene Mesko, Columbus
B.A., M.A. (Kent State University)
**Dissertation:** The Effects of Hyperoxia and Hypoxia on Spontaneous Avian Atherosclerosis
**Field of Specialization:** Physiology

B.A. (Clark University); M.S. (University of Maine)
**Dissertation:** Glacial Geology of the Burroughs Glacier Area, Southeastern Alaska
**Field of Specialization:** Geology

James Russell Miller, Columbus
B.S. in Agr., M.S.
**Dissertation:** A Theoretical Model to Improve the Extension Education Outreach of The Ohio State University; Utilizing Marketing, Behavioral, Business, Management, and Systems Concepts
**Field of Specialization:** Agricultural Education

Larry Reed Miller, Columbus
B.S.Ed., M.Ed. (Bowling Green State University)
**Dissertation:** The Comparison of the Cognitive Achievement and Affective Behavior of Students Enrolled in the Industrial Arts Curriculum Project Program with Students Enrolled in Conventional Industrial Arts Programs
**Field of Specialization:** Education

Randall Martin Miller, Chicago, Ill.
A.B. (Hope College); M.A.
**Dissertation:** The Cotton Mill Movement in Antebellum Alabama
**Field of Specialization:** History

Richard Earl Miller, Westerville
B.A. (Capital University); M.A.
**Dissertation:** The Nonrenewal of Untenured Teacher Contracts: Trends, Practices, and Implications for the Practico of Educational Administration
**Field of Specialization:** Education

Robert Christopher Miller, New Concord
B.S. (University of Nebraska); M.S.
**Dissertation:** Chromosome Abnormalities in 16 to 18 Hour Chick Embryos: A Study of Incidence and Modes of Origin
**Field of Specialization:** Dairy Science

Stuart Jerome Miller, Westerville
B.S. in Agr., M.A.
**Dissertation:** Post-Institutional Adjustment of 443 Consecutive TICO Releases
**Field of Specialization:** Sociology

Wesley Carrol Miller, Columbus
B.S. (Central Michigan College); M.A.
**Dissertation:** Education and the Emerging Humanist Movement
**Field of Specialization:** Education

Stephen Joseph Milles, Buffalo, N. Y.
B.S. (West Chester State College); M.A. (Villanova University)
**Dissertation:** The Effect in Beginning Calculus of Homework Questions that Call for Mathematical Verbalization
**Field of Specialization:** Education

Charles William Minshall, Columbus
B.S. in Edu., M.A.
**Dissertation:** A Model of Residential Site Selection: The Jewish Population of Columbus, Ohio
**Field of Specialization:** Geography
Ralph Ishman Mitchell, Columbus
B.Ch.E., M.S.
Dissertation: Aerosol Retention in the Lungs as a Function of Respiration Rate and Particle Size
Field of Specialization: Agricultural Engineering

Gene Allen Mittler, Elyria
B.S.Ed., M.F.A. (Bowling Green State University)
Dissertation: Utilizing Counterattitudinal Role Playing and Inconsistency as an Instructional Strategy in Art Criticism
Field of Specialization: Art Fashion

Mansour Mohammadian, Tehran, Iran
M.S. (University of New Hampshire)
Dissertation: Phenotypic Variants Attributable to the Dwarf Allele, dw, in Broiler Populations of the Domestic Poultry
Field of Specialization: Poultry Science

Ram Mohan, Patna, Bihar, India
B.V.Sc. and A.H. (Magadh University); M.S.
Dissertation: Studies of the Morphology and Survival Characteristics of Erythrocytes from Mice and Rats with Plasmodium berghei Infection
Field of Specialization: Microbiology and Cellular Biology

William Shepherd Moore, II, Houston, Tex.
B.A. (Texas Agricultural and Mechanical University); M.A.
Dissertation: A General Linear Programming Model of the Manufacturing Firm
Field of Specialization: Economics

Robert Earl Mosier, Trenton, N. J.
B.A. (Trenton State College); M.Ed. (University of Illinois)
Dissertation: Avoidance of Failure as a Life Style
Field of Specialization: Psychology

Ronald Rodney Mourant, Columbus
B.A., M.A. (University of Florida)
Dissertation: Strategies of Visual Search by Novice and Experienced Drivers
Field of Specialization: Industrial Engineering

Robert William Mullen, Newton, Mass.
B.S., M.S. (Emerson College)
Dissertation: An Analysis of the Issues Developed by Select Black Americans on the War in Vietnam
Field of Specialization: Speech

Joseph Norman Murray, Vermilion
B.Ed., M.Ed. (University of Toledo)
Dissertation: The Effects of Ritalin and Dextrodrine upon Certain Behavioral Characteristics of Overactive Youngsters as Perceived by Parents and Teachers
Field of Specialization: Education

John Alexander NegULEACO, Columbus
A.B. (Western Reserve University); M.A. (Kent State University)
Dissertation: Fracture Healing of Long Bones in Normal and Hypophysectomized Young Chickens under ACTH and Estrogen Treatment
Field of Specialization: Anatomy

Lynn Dwany Nelson, Columbus
B.A. (Ahlene Christian College); M.A. (University of Alabama)
Dissertation: The Orientational Function of Religion: An Empirical Investigation of Religion and Helping Action
Field of Specialization: Sociology

Eze Ogbaru Ajoku Nwala, Port Harcourt, Nigeria
B.A.Hons. (University of Durham, Fourth Bay College, University College of Sierra Leone); M.A. (University of Ottawa)
Dissertation: Spatial Patterns of Institutional Innovations within a Modernizing Society
Field of Specialization: Geography

Keith Ryan Nyland, Brooklyn
B.A. (Baldwin-Wallace College); M.A.T. (University of Chicago)
Dissertation: Doctor Thomas Walker (1715-1794), Explorer, Physician, Statesman, Surveyor and Planter of Virginia and Kentucky
Field of Specialization: History

Charles Evan Oberly, Columbus
B.S.
Dissertation: The Effect of Heat Current Modulation on the Velocity Fields and the Critical Reynolds Number in Helium II
Field of Specialization: Physics

Phillip Nash Ogburn, Hilliard
D.V.M. (Washington State University)
Dissertation: Right Ventricular Free Wall Excitation in the Goat with Experimental Right Ventricular Hypertrophy
Field of Specialization: Veterinary Physiology and Pharmacology

Reginald Dennis Olson, Kingston, Ill.
B.A.; B.D. (Garrett Theological Seminary); M.A.
Dissertation: Ministers on the Moon: Clergy Attitudes toward the Space Program
Field of Specialization: Sociology

Jack Douglas Osman, Greenbelt, Md.
B.S. (West Chester State College); M.A. (University of Maryland)
Dissertation: The Feasibility of Using Selected Value Clarifying Strategies in a Health Education Course for Future Teachers
Field of Specialization: Physical Education (Health Education)

Leslie John Palkuti, Jr., Columbus
B.E.E., M.S.
Dissertation: Analysis of the Radiation Induced Degradation in Lateral PNP Transistors
Field of Specialization: Electrical Engineering

Haim Bension Papo, Haifa, Israel
B.S., M.S. Civil Engin. (Technion Israel Institute of Technology)
Dissertation: Optimal Selenodetic Control
Field of Specialization: Geodetic Science
Carmen Robert Parkhurst, Columbus
B.S. in Agr., M.S.
Dissertation: The Information Sources and Educational Needs of Commercial Poultrymen in Ohio
Field of Specialization: Agricultural Education

George Edward Parsons, Rochester, N. Y.
B.S.Ed. (Indiana University)
Dissertation: An Application of John Holland's Vocational Theory to an Empirical Study of Occupational Mobility of Men age 45-59
Field of Specialization: Education

Mohammad H. Parvand, Teheran, Iran
B.S., M.Ed. (Central State University)
Dissertation: The Study of Children's Acquisition of Piagetian Concepts
Field of Specialization: Education

Nellie Katherine Paton, Winnipeg, Man., Canada
B.S., (University of Manitoba); M.S. (Iowa State University)
Dissertation: Clothing Adequacy of Children Six to Eleven Years Old in Low Income Families
Field of Specialization: Home Economics

Joe Howard Payor, Columbus
B.Met.E.
Dissertation: The Dissolution Behavior of Carbides in Aqueous Environments
Field of Specialization: Metallurgical Engineering

Richard Alex Perkins, Milford, Ill.
B.S. in Met. Engr. (University of Missouri at Rolla)
Dissertation: The Diffusion of Chromium in Nickel Oxide
Field of Specialization: Metallurgical Engineering

Samuel Joseph Pezzillo, Birmingham, Ala.
B.A. (Duquesne University)
Dissertation: A Study of New Manuscripts of the De Providentia of Lucius Annaeus Seneca
Field of Specialization: Classics

Eswarilal Gopaldas Phadia, Hyderabad, India
B.A. (Osmania University); M.A. (Karnatak University); M.S.
Dissertation: On Estimation of a Cumulative Distribution Function
Field of Specialization: Statistics

Walter Stephen Phelan, Columbus
A.B. (Pontifical College Josephinum); M.A.
Dissertation: The Conflict of Courtly Love and Christian Morality in John Gower's Confessio Amantis
Field of Specialization: English

Ernest Edward Phelps, Vermillion, S.D.
B.A., M.A. (Emerson College)
Field of Specialization: Speech

Joel Smith Poetker, Jackson
B.A. (Muskingum College); M.A.T. (Miami University)
Dissertation: The Curricular Appropriateness of the Social Studies Test Items Included in College Admission Examinations
Field of Specialization: Education

Dorothy Elaine Steingarten Pressman, Columbus
B.A. (University of Manitoba); M.A.
Dissertation: Phonemic Syllabic, and Lexical Values Associated with Hesitations
Field of Specialization: Speech

Franklin Naveda Pramo, Westerville
Lodo, Lodo, Doct. (Catholic University of Ecuador)
Dissertation: Posibilidades Pluralisticas del Yo en los Personajes Literarios de Leopoldo Alas “Clarín”
Field of Specialization: Romance Languages

Terence John Quinn, Albert Park, Australia
B.A. (University of Melbourne); M.A. (Monash University)
Field of Specialization: Education

Gene Edward Rapp, Davis, Calif.
B.S., M.Ed. (University of California at Davis)
Dissertation: Perceptions of the Role of an Agricultural Technician
Field of Specialization: Agricultural Education

Omkar Singh Rathore, Rajasthan, India
B.S.Agr., M.S.Agr. (University of Rajasthan); M.S.
Dissertation: Adoption of Extension Innovations among Selected Personnel in the Ohio Cooperative Extension Service
Field of Specialization: Agricultural Education

Dean Howell Beber, Rock Hill, S.C.
B.S.Ch.E. (North Carolina State College); M.S.
Dissertation: A Mathematical Model for Predicting Dynamic Behavior of a Plasticating Extruder
Field of Specialization: Chemical Engineering

William Leo Pettig, Indiana, Pa.
B.S.Ed. (University of Lehigh, Pennsylvania); M.S.
Dissertation: Views of Mathematics Held by a Selected Group of Secondary Mathematics Teachers in Pennsylvania
Field of Specialization: Education

Barry Lovell Richardson, Canton
A.B. (Ohio University)
Dissertation: Effects of X-Rays on the Free Amino Acid Concentration of the Hemolymph during the Last Larval Instar of the Wax Moth, Galliera mellonella (L.)
Field of Specialization: Zoology

Rayman Paul Richardson, Mexico, Mo.
B.A. (Central Methodist College); M.S.T. (University of Missouri)
Dissertation: Development and Use of the SCI Inventory to Measure Upper Elementary School Children's Scientific Curiosity and Interests
Field of Specialization: Education

Victor Lee Riemenschneider, Grove City
B.S. in Agr., M.S.
Dissertation: The Energy Environment and Survival of Chestnut Oak Seedlings in Four Plant Communities in Newtona, a Small Valley in Southcentral Ohio
Field of Specialization: Botany
Lawrence Edward Riley, Sarasota, Fla.
B.A. (Penn College); M.A. (Western Reserve University)
Dissertation: Infant Mortality in the United States: A Sociological Analysis
Field of Specialization: Sociology

Kathleen Alice Rohaly, Pittsburgh, Pa.
B.S. in H.Ed. (Lock Haven State Teachers College); M.S. (Pennsylvania State University)
Dissertation: The Relationships between Movement Participation, Movement Satisfaction, Self-Actualization, and Trait Anxiety in Selected College Freshmen Women
Field of Specialization: Physical Education

Darrell Keith Root, Columbus
B.S. in Educ. (Miami University); M.Ed.
Dissertation: Educational Evaluation Training Needs of Superintendent of Schools
Field of Specialization: Education

Martha James Root, Lewisburg, Pa.
B.A. (Miami University); M.A.
Dissertation: Celtic Motifs in the Provençal Arthurian Romance,JAufré: The Grail Legend before Perceval
Field of Specialization: Romance Languages

Annette Tannenholtz Rosenblum, Flushing, N.Y.
B.S. (Queens College); M.S. (University of Rochester)
Dissertation: Problems in Conformational Analysis
Field of Specialization: Chemistry

Lawrence Jay Rosenblum, Little Neck, N.Y.
B.A. (Queens College); M.S.
Dissertation: Minkowski Convergents and the Product of Three Linear Homogeneous Forms
Field of Specialization: Mathematics

Barbara Rak Rosso, Columbus
B.S. in Educ. (Kent State University); M.Ed. (Colorado State University)
Dissertation: The Relationship between Knowledge of Word Recognition Generalizations and Reading Achievement
Field of Specialization: Education

Louis John Rosso, Columbus
B.S. in Ed., M.A. (Kent State University)
Dissertation: The Effects of Social and Token Response Contingent Consequences on the Modification of a Functional Articulatory Error
Field of Specialization: Speech

Earl Bell Russell, New Lenox, Ill.
B.S. (University of Tennessee); M.S. (University of Illinois)
Dissertation: Development of an Instrument to Measure the Change Orientation of Vocational Teachers
Field of Specialization: Agricultural Education

Otto Santos, Jr., Mayfield Heights
B.S. (John Carroll University); M.Ed. (Kent State University)
Dissertation: The Applicability of Innovative Business In-Service Teaching Methods, Techniques, and Devices to the In-Service Training of Business Education Teachers
Field of Specialization: Education

Donald T. Saponeck, Los Angeles, Calif.
B.A. (University of California); M.A. (San Jose State College)
Dissertation: A Developmental Study of Children's Sensitivity to Emotional Expressiveness of Adults
Field of Specialization: Psychology

August Bernard Scheid, St. Louis, Mo.
B.A. (Cardinal Glennon College); Ed.M. (Saint Louis University)
Dissertation: Levels of the Facilitative Core Conditions and Status of Counselor Introduction as Critical Variables in Client Perceptions of the Counselor
Field of Specialization: Psychology

Elinor Agnes Schoier, Bethlehem, Pa.
B.A. (Chatham College); M.A.
Dissertation: Language Study in the Emerging School Curriculum: Criteria for Program Development
Field of Specialization: Education

*Joseph Hugo Schlotterer, Crestline
B.S.Ed. (University of Dayton); M.S.Ed. (Indiana University)
Dissertation: Identification of Influentials in Decision-Making within the Superintendent’s Cabinet
Field of Specialization: Education

James Edward Schulz, Shorewood, Wis.
B.S. (University of Wisconsin); M.S.
Dissertation: Approaches to Teaching Mathematics Content to Prospective Elementary Teachers
Field of Specialization: Education

Robert Adolph Schulz, Jr., West Long Branch, N.J.
B.A. (Saint Vincent College); B.S.M.E. (University of Notre Dame); M.B.A. (University of Pittsburgh)
Dissertation: A Laboratory Study of Power Base-Conflict Relationships—An Applicable to Distribution Channels
Field of Specialization: Business Administration

Sandra Eileen Scott, Spring City, Tenn.
B.S.Ed. (Bowling Green State University); M.A.
Dissertation: A Remedial Motor Program for the Occupational Work Adjustment Students at EHOVE Technical Institute
Field of Specialization: Physical Education

William Wayne Scott, Seneca, S.C.
B.S. (University of Chattanooga); M.A. (College of William and Mary)
Dissertation: The Evaluation of Motivation and the Effectiveness of Modified Instruction to Promote Motivation within Remedial Education Students
Field of Specialization: Education

George Ludwig Seibert, Youngsville, N.Y.
B.A.E., M.S.
Dissertation: An Analysis of Dual Media Shock Waves
Field of Specialization: Aeronautical and Astronautical Engineering

Charlene Moten Seymour, Columbus
B.F.A. (Howard University); M.A.
Dissertation: The Effect of Speech Therapy on Oral Form Discrimination Ability of Adults with Functional Misarticulations
Field of Specialization: Speech

* Degree granted in cooperation with Miami University
Harry Nathan Seymour, Columbus
B.A. (Howard University); M.A.
Dissertation: An Investigation of Vocal Acceptability of Male Children
Field of Specialization: Speech

Abdulrahman Saleh Shohaili, New York, N.Y.
B.S. (University of Riyadh, Arabia)
Dissertation: An Historical and Analytical Study of Broadcasting and Press in Saudi Arabia
Field of Specialization: Speech

Larry Raymond Shotwell, Cockeysville, Md.
B.A. (Bowling Green State University); M.A.
Dissertation: The Defense Spending Process
Field of Specialization: Economics

Robert Charles Shufeldt, Kinmundy, Ill.
B.S. (University of Illinois); M.S.
Dissertation: Partial Characterization of the Bonding and Movement of $^{89}$Sr with Organic Materials
Field of Specialization: Agronomy

John William Sij, Jr., Collinsville, Ill.
B.S. in Edu. (Eastern Illinois University); M.S.
Dissertation: Short-Term Kinetic Studies on the Inhibition of Photosynthesis by Sulfur Dioxide
Field of Specialization: Botany

Eleanor Bachofen Skelly, Urbana
B.S., M.S.
Dissertation: Effects of Gonadal Steroid Hormones on Regional Blood Flow in the Brain of Conscious Rats
Field of Specialization: Pharmacology

Donald Edward Snider, Columbus
B.S., M.S.
Dissertation: Analysis of the $(v_1+v_2+v_3)$ Combination Band of Ozone
Field of Specialization: Physics

Elizabeth Ann Snyder, Ann Arbor, Mich.
B.S. in Edu. (State Teachers College at East Stroudsburg, Pennsylvania); M.S. (University of Colorado)
Dissertation: The Relationships among Various Aspects of Space Utilization and the Educational Achievement of Preschool Children
Field of Specialization: Physical Education

Joel Robert Soobitsky, Silver Spring, Md.
B.S. (University of Connecticut); M.S. (Kansas State University)
Dissertation: Perceived Training Needs of Urban Cooperative Extension Agents Working with Disadvantaged Audiences
Field of Specialization: Agricultural Education

Donald Carmen Spinelli, Rochester, N.Y.
B.A., M.A. (University of Buffalo)
Dissertation: The Dramaturgy of Marivaux: Three Elements of Technique
Field of Specialization: Romance Languages

Louis Spinelli, Columbus
B.A., B.S. in Edu.
Dissertation: Alienation and Identity: A Comparative Analysis of Blue-Collar and Counter-Culture Values
Field of Specialization: Education

Robert Alan Stallings, Westerville
B.A., M.A.
Dissertation: A Comparative Study of Community as Crisis Management System
Field of Specialization: Sociology

Claude Mason Steele, Park Forest, Ill.
B.A. (Hiram College); M.A.
Dissertation: The Indirect and Supererogatory Indirect Influence of a Persuasive Message
Field of Specialization: Psychology

Doris Hosmer Steele, Burlington, Vt.
B.S. (University of New Hampshire); M.A.T. (University of Vermont)
Dissertation: Opinion Leadership in Family Living among Low Income Homemakers in the Expanded Nutrition Program in Ohio
Field of Specialization: Agricultural Education

Thomas Wayne Steele, Adrian, Mich.
B.A. (Hiram College); M. of Educ. (Kent State University)
Dissertation: An Analysis of Communication Patterns within a School of Health, Physical Education and Recreation
Field of Specialization: Physical Education

Stephen Michael Stillman, Columbus
B.S. (University of Pittsburgh); M.Ed. (Columbia University)
Dissertation: The Relationship of Selected Individual Characteristics to Group Behavior in Two Risk Taking Situations
Field of Specialization: Psychology

Philip Eugene Stover, Columbus
B.S. (Pennsylvania State University)
Dissertation: The Holographic Investigation of Electrostatic Spraying
Field of Specialization: Physical Education

Rebecca Jane Stracener, Little Silver, N.J.
A.B. (Gettysburg College); M.A. (Middlebury College) Dissertations: The Doctoral Program in Modern Foreign Languages as Preparation for College Teaching
Field of Specialization: Education

Henry Anthony Strater, Cleveland Heights
A.B. (John Carroll University); M.A. in English (Western Reserve University); M.A.Cl.Lang. (John Carroll University)
Dissertation: Poetic Technique in Catullus’ Satiric Epigrams
Field of Specialization: Classics

Stephen Lee Stuart, Lancaster
B.S. (Bloomsburg State College); M.Ed. (Pennsylvania State University)
Dissertation: Criteria for Programs of Appraising Teacher Performance and Their Application to Current Practices in Ohio
Field of Specialization: Education

Roger Milton Swagler, Des Moines, Ia.
B.A. (College of William and Mary); M.A.
Field of Specialization: Economics
Arthur Ian Swann, Columbus
M.R.C.V.S. (University of London, England); M.S.
Dissertation: Erythrocyte Survival in Normal Chickens and in Chickens Infected with Malaria
Field of Specialization: Veterinary Medicine

Robert Emmet Swihart, Columbus
B.S. in Ed., M.A.
Dissertation: An Analysis of Students' and Teachers' Perceptions of Selected School Problems
Field of Specialization: Education

Charles Carl Szabo, Jr., Columbus
B.S. in Educ., M.A.
Dissertation: A Comparative Study of the Dominant Value Patterns of Students Majoring in Education
Field of Specialization: Education

Charles Edward Taylor, Columbus
B.A., M.A.
Dissertation: The Role of Selected State Education Agencies in the Development of Desegregation Policy for Public Schools
Field of Specialization: Education

Gregory Thomas, Columbus
B.A. (Dillard University); M.A. (University of Michigan)
Field of Specialization: Education

Mary Lou Thomas, Radnor
B.S. in H.E., M.S.
Dissertation: In-Service Education: Feasibility of Mini Workshop Instruction in Two Teaching Strategies for Secondary Teachers
Field of Specialization: Home Economics

James Keneth Thomson, Shenandoah, Ia.
B.S. (Tarkio College); M.S.
Dissertation: Addition of Unsaturated Grignard Reagents to Aldehyde and Keto Sugar Derivatives
Field of Specialization: Chemistry

Benny Oen Swie Tjia, Columbia, Mo.
A.B., M.S. (University of Missouri)
Dissertation: Studies on the Growth and Hormonal Relation of Chryseomonas morfoidal following Treatments with Methyl-2, 1-Dichloro-9-Hydroxy-Fluorene-9-Carboxylate
Field of Specialization: Horticulture

Howard Ray Toben, Bensenville, Ill.
B.S., M.S. (University of Miami)
Dissertation: Experimental Immunosuppression
Field of Specialization: Anatomy

Le Ba Tuan, Cho-Lon, Viet-Nam
B.S. (Electrical Engineering College); M.S. (Bradley University)
Dissertation: Computer Design and Evaluation of Optimal Filters for a Class of Speech Sounds by Correlation Techniques
Field of Specialization: Electrical Engineering

Donald Merle Uhlenberg, Garrett Park, Md.
B.S. (University of Minnesota)
Dissertation: Provisional Perspective on the Self with a Summary of Pertinent Research, 1959-1969
Field of Specialization: Education

John Thornton Underwood, Jr., Roslyn Heights, N. Y.
B.A. (Lehigh University); M.A.
Dissertation: Locus Communis, Laus Legum and Laus Locorum: Rhetorical Exercises as a Model for Properties, Book III
Field of Specialization: Classics

Darlene Harburt Unrue, Worthington
B.A., M.A. (Marshall University)
Dissertation: Henry James and Gothic Romance
Field of Specialization: English

Lek Uttamessi, Dhonburi, Thailand
B.S. (Chulalongkorn University); M.S., Cer.Eng. (Georgia Institute of Technology)
Field of Specialization: Ceramic Engineering

Linda Kent Vaughan, Shaker Heights
B.S., M.A. (Russell Sage College)
Dissertation: An Exploratory Study of Risk for the Identification of the Elements of Risk in Sport
Field of Specialization: Physical Education

Wilbur Paul Veith, Fairview, Pa.
B.S. (Penn College); M.S.
Dissertation: Bohr-Bohl Theorems on Banach-Valued Functions
Field of Specialization: Mathematics

Floyd Bronson Walgren, Clarendon Hills, Ill.
B.S. in Ed. (Eastern Illinois University); M.Ed. (University of Illinois)
Dissertation: A Comparison of the Written Achievement of Pupils in Two Disparate Industrial Arts Sequences
Field of Specialization: Education

Niles Allen Walker, Columbus
B.E.E., M.S.
Dissertation: Adaptive Spatial Processing for Antenna Arrays
Field of Specialization: Electrical Engineering

Carlton Dewey Wall, Nashville, Tenn.
B.S. (Belmont College); M.A. (George Peabody College for Teachers)
Dissertation: Contributing Factors to the Economic Understanding of High School Seniors
Field of Specialization: Education

Allan Wade Waldren, Chicago, Ill.
B.S. (Lawrence College); M.A.T. (Michigan State University)
Dissertation: The Development of an Instrument to Analyze Student Questions during Problem Solving
Field of Specialization: Education
Yao Hung Wang, Kaohsiung, Formosa
B.A. (National Taiwan University); M.S.A. (New York University); M.S. (Stanford University)
Dissertation: On Characterization of Some Probability Distributions and Estimation of the Parameters of the Pareto Distribution
Field of Specialization: Statistics

Harold Quentin Webb, Norfolk, Va.
A.B. (Morehead State College); M.A. (University of Kentucky)
Dissertation: The Prognostic Potential of Selected Factors for Predicting Achievement in the Study of High School Bookkeeping and Accounting
Field of Specialization: Education

Robert David Weber, Trenton, N. J.
B.A., M.A. (Trenton University)
Dissertation: The Influence of Reading Grade Level on the Comprehension of Below Grade Level Readers Participating in the Industrial Arts Curriculum Project
Field of Specialization: Education

Gary Lee Wegenke, South Bend, Ind.
B.A. (DePauw University); M.S. in P.E. (Indiana University)
Field of Specialization: Education

Robert Fred Wermuth, Mobile, Ala.
B.M.E., M.M. (Northwestern University)
Dissertation: Relationship of Musical Aptitude to Family and Student Activity in Music, Student Interest in Music, Socioeconomic Status, and Intelligence among Caucasian and Negro Middle School Students
Field of Specialization: Music

Rudolph Valentine Wiggins, Gary, Ind.
B.S. in Ed. (Winston-Salem Teachers College); M.S. in Ed. (Indiana University)
Dissertation: A Comparison of Children's Interest in and Attitude towards Reading Material Written in Standard and Black English Forms
Field of Specialization: Education

Joseph A. Wipf, Freeman, S.D.
B.A. (Bethel College); M.A. (University of Colorado)
Dissertation: An Investigation of Elementary School Students' Ability to Imitate Selected Sound Features of German
Field of Specialization: Education

Asher Sorrel Wolfe, New York, N. Y.
B.A. (University of Texas); M.A. (Columbia University)
Dissertation: The Relationship between Estimates of Speech Intelligibility in Social Contexts and Paracoccus Williiana
Field of Specialization: Speech

Wallace Stanley Woodard, Sr., Kalamazoo, Mich.
B.S. in Ed. (West Virginia State College); M.A. (Western Michigan University)
Dissertation: The Effectiveness of Teacher Assistants in Changing the Sociometric Status of Elementary School Children
Field of Specialization: Education

James Price Worthington, Columbus
B.S. in Agr., M.S.
Dissertation: The Effect of Alachlor and MON-697 on the Growth of Yellow Nutsedge and the Uptake of 14C Labeled Alachlor by Yellow Nutsedge and Soybeans
Field of Specialization: Agronomy

Ray Theodore Wortman, Columbus
B.A. (Colorado State University); M.A. (University of Colorado)
Dissertation: The IWW in Ohio, 1905-1950
Field of Specialization: History

Richard Terry Yingling, Hershey, Pa.
B.S. (Lebanon Valley College)
Dissertation: The Electrical Conductivity of Titanium Trichloride
Field of Specialization: Chemistry

Michael Thomas Yura, Allentown, Pa.
B.S. (Mount Saint Mary's College); M.Ed. (Temple University)
Dissertation: The Personality Traits and Vocational Interests of Guidance Students
Field of Specialization: Education

Fike Amara Zahroon, Basrah, Iraq
B.S. (University of Baghdad); M.S.
Dissertation: A Comparative Study of Two Methods of Teaching College Algebra
Field of Specialization: Education

John Edward Zapotoczky, Linden, N. J.
B.S. (Wilmington College); M.S.
Dissertation: The Fine Structure of the "Larval" Stage of the Gordiacean, Paragordius varius (Leidy, 1851) (Gordioidea: Paragordidae)
Field of Specialization: Zoology

Thomas F. Zeck, Vermilion
A.B., M.A. (John Carroll University)
Dissertation: A Survey of Guidance Services Offered to the Educable Mentally Retarded in the State of Ohio
Field of Specialization: Education

Troy Anthony Zimmer, Honolulu, Hawaii
B.A. (Southern Illinois University); M.A. (University of Hawaii)
Dissertation: The Role of Mass Communication in the Political Integration of Nation-States: An Aggregate Analysis
Field of Specialization: Sociology

Gilbert Leroy Zink, Clarington
B.S. in Agr., M.S.
Dissertation: Recovery of Several Bovine Erythrocyte Blood-Group Antigenic Determinants after Butanol, Pyridine, Enzymatic, and Ultrasonicated Degradations of Stroma, and Molecular Weight Approximations for the Resulting Membrane Subunits
Field of Specialization: Dairy Science

129
Certificate of Specialist in Educational Administration
One candidate
Rayl Bartlett Conyers, Marion
B.A., M.A.

Master of Accounting
One candidate
Mark Steven Blanks, Charleston, S. C.
B.S. (University of Missouri)
Field of Specialization: Accounting

Master of Arts
Four hundred and six candidates
William Graham Abell, Jr., Warren
B.A. (Miami University)
Field of Specialization: Journalism
Albert Edward Abrams, Columbus
B.S. in Edu.
Field of Specialization: Education
Yvette Ackison, Ironont
B.A. in Jour.
Field of Specialization: Journalism
Thomas Lawson Aitherr,
Hamburg, N. Y.
B.A. (New York State University
at Fredonia)
Field of Specialization: History
Richard Lee Aman, Mansfield
B.S.J. (Ohio University)
Field of Specialization: Journalism
Susan Marie Amato, Portland, Ore.
A.B. (Gonzaga University)
Field of Specialization: Education
Gerhardt Kenneth Andeen, Springfield
A.B. (Augustana College)
Field of Specialization: Education
Mary Walker Angevine, Pataskala
B.S. in Edu.
Field of Specialization: Education
Donald Alan Antrim, Corry, Pa.
B.A. (Pennsylvania State University)
Field of Specialization: Political Science
Patricia Hickok Aplin, Chagrin Falls
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
Dorothy Zimmerman Armbrout, Columbus
B.S.Ed. (Adelphi University)
Field of Specialization: Education
Kenneth Earl Badertscher, Helena
B.S. in Agr.
Field of Specialization: Agricultural Education
James Lee Bailey, Orrville
B.S. in Edu.
Field of Specialization: Education
Donald Reed Baird, Hilleboro
B.A. in Jour.
Field of Specialization: Journalism
Martha Anna Balahutryk, Parma
B.A. (College of Wooster)
Field of Specialization: Romance Languages
Candace Joy Barr, Chicago, Ill.
B.S. in Edu.
Field of Specialization: Education
Charles Vincent Barr, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
Winfried Barthmus, Plain City
B.S. in Edu.
Field of Specialization: Education
Mary Jane Carter Bartlett,
Reynoldsburg
A.B. (Ohio University)
Field of Specialization: Education
Foster Lee Bartram, Columbus
B.S. (Pikeville College)
Field of Specialization: Education
Raphael Anthony Bastidas,
Quito, Ecuador
B.A. (Don Bosco College, New Jersey)
Field of Specialization: Education
Lynne Margaret Batchelder,
Blackstone, Mass.
B.A. (State College at Bridgewater,
Massachusetts)
Field of Specialization: Education
Richard Eugene Batts, Columbus
B.S. in Edu.
Field of Specialization: Education
John Edward Beach, Westerville
B.A. (Capital University)
Field of Specialization: Education
Lois Ellen Beatenhead, Kimberly
B.S. in Edu.
Field of Specialization: Education
Dudley Alan Beaver, Piqua
B.S. in Edu.
Field of Specialization: Physical Education
Lynton Victor Beeler, Columbus
B.S. in Edu.
Field of Specialization: Education
David Clarence Beever, Columbus
B.S. in Bus. Adm.
Field of Specialization: Business Administration
Karen Sue Beiner, Elyria
B.A. (Otterbein College)
Field of Specialization: Speech
Stephen Clyde Bell, Shelby
B.S. in Ed. (Miami University)
Field of Specialization: Education
Marjorie Kahn Bender, Cincinnati
B.F.A.
Field of Specialization: Art
Patricia Ann Bender, El Paso, Tex.
B.A. (University of Texas)
Field of Specialization: Speech
Donald Raymond Bernhardt,
Mansfield
B.M. (Oberlin Conservatory of Music)
Field of Specialization: Music
Daniel Vaughn Berridge, Columbus
B.A.
Field of Specialization: Education
Sandy Kay Beveridge, Rock Springs,
Wyo.
B.S. (Brigham Young University)
Field of Specialization: Physical Education
Gunes Bilmen, Istanbul, Turkey
Field of Specialization: Education
Monroe Arthur Blackburn, Mt. Vernon
B.S. (Wilmington College)
Field of Specialization: Education
Montree Sherman Blagg, Pedro
B.S. (Rio Grande College)
Field of Specialization: Education
Daniel Ralph Bobb, Columbus
B.A.
Field of Specialization: Sociology
Glenn Stephen Bohmer, Columbus
B.A. (Millikin University)
Field of Specialization: Education
Cathryn Louise Booth,
Baltimore, Md.
B.A. (Baldwin-Wallace College)
Field of Specialization: Psychology
Robert Bradley Booth, Mansfield
B.S. in Edu.
Field of Specialization: Education
Carol Davis Boster, Columbus
B.S. in Edu.
Field of Specialization: Education
Rita Joanne Bova, Toledo
B.A.
Field of Specialization: English
Ann Lige Breeding, Miami, Fla.
A.B. (University of Kentucky)
Field of Specialization: History of Art

William Michael Brenner,
B.A. (Marshall University)
Field of Specialization: Speech

Helen Anne Brisker, Wheelersburg
B.S. in Edu.
Field of Specialization: Education

Sharon Shinner Brock, Columbus
B.S.J. (Marquette University)
Field of Specialization: Journalism

Kathryn Merrifield Brooke,
New Castle, Me.
B.A. (Case Western Reserve University)
Field of Specialization: Education

Nancy Lee Brown, Hampshire, Tenn.
B.S. (George Peabody College for Teachers)
Field of Specialization: Speech

Donna Pauline Bruce, Columbus
A.B. (Ashbury College, Kentucky)
Field of Specialization: Education

Gerard Mathias Bruder, Jr.,
Fairfield, Conn.
B.A. (Hanover College)
Field of Specialization: Journalism

Marianne Bruning, Springfield, Pa.
B.A. (Mount Union College)
Field of Specialization: Education

Carole King Bucchioni, Georgetown, Pa.
B.S. in Edu.
Field of Specialization: Education

Sally May Burger, Lorain
A.B. (Ohio University)
Field of Specialization: Education

Roswitha Oelsner Burkey, Columbus
B.S. in Edu.
Field of Specialization: Education

Mary Annette Burns, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Payton Tyrone Butler, Richmond, Va.
B.S. (Virginia Union University)
Field of Specialization: Education

Janie Ann Campanazi, Flushing
B.S.Ed. (Ohio University)
Field of Specialization: Education

Nicholas Joseph Candelora,
Uniondale, N. Y.
B.A. (Hofstra College)
Field of Specialization: History

Jone Borresen Carmean, Hillsboro
A.B. (Wilmington College)
Field of Specialization: Education

Robert Allen Carter,
Canal Winchester
B.S. in Edu.
Field of Specialization: Education

David Allen Chase, Columbus
B.Mus.
Field of Specialization: Music

James Arthur Chace, Spokane, Wash.
B.S. (United States Air Force Academy)
Field of Specialization: Psychology

Paula Perdym Clark, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Charlene Etner Cline, Iowa City, Ia.
B.S.in Edu.
Field of Specialization: Physical Education

Alan Bradley Cline,
West Hartford, Conn.
B.A. (Trinity College, Connecticut)
Field of Specialization: History

Juanita Jackson Coe,
Georgetown, S. C.
A.B. (Benedict College)
Field of Specialization: Education

Francine Carol Cohen,
University Heights
B.A.
Field of Specialization: Education

Christina Sue Cole, Lancaster
B.A. (Denison University);
B.S. in Edu.
Field of Specialization: Education

Betty Minor Collins, Mechanicsburg
B.S. in Edu.
Field of Specialization: Education

Brian Patrick Conley,
Webster Groves, Mo.
B.A. (Saint Louis University)
Field of Specialization: English

Maureen Patricia Connelly,
Astoria, N. Y.
B.A. (Saint Johns University, New York)
Field of Specialization: Sociology

Mary Gracey Conyers, Marion
B.A. (Ohio Wesleyan University);
M.A. (Stanford University)
Field of Specialization: Education

Kathleen Braun Cope, Galion
B.S. in Edu.
Field of Specialization: English

Alan Mitchell Corn, Lancaster, Pa.
B.A. (Franklin and Marshall College)
Field of Specialization: Classics

James David Cowan, Willshire
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Marilyn Williams Coaz, Marysville
B.S. in Edu.
Field of Specialization: Education

John Stuart Crabbe, Jr., Snyder, N. Y.
B.A. (Canisius College)
Field of Specialization: Education

Richard Elsworth Crable, Delaware
B.A. (Bowling Green State University)
Field of Specialization: Speech

Judson Chester Cross, Reading
A.B. (Western Kentucky University)
Field of Specialization: Education

Celine Frances Cullen, Buffalo, N. Y.
B.A. (Canisius College)
Field of Specialization: History

Jack Emery Culp, Columbus
B.S. in Edu.
Field of Specialization: Education

Robert Anthony Curry, Cincinnati
B.S. (Xavier University)
Field of Specialization: Speech

Shirley Ann Curtis, Canton
B. S.Ed. (Central State College)
Field of Specialization: Education

Richard Arden Daily, Cuyahoga Falls
B.A.
Field of Specialization: Education

Rita Clare Daniels,
Minneapolis, Minn.
B.A. (College of Saint Benedict)
Field of Specialization: Education

Gail Fotheringham Davis, Columbus
B.A.
Field of Specialization: Psychology

Jane Frederick Davis, Columbus
B.A. (Otterbein College)
Field of Specialization: Education

Ronald Victor Davis, Columbus
B.S. in Edu.
Field of Specialization: Education

Ann Michele Deasy,
San Francisco, Calif.
B.A. (University of California, Irvine)
Field of Specialization: Classics
William Allen Denig, Kent  
B.S. in Edu.  
Field of Specialization: Education

Dolphins Schlotz Denman, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Robert William Denniston,  
Grants Pass, Ore.  
B.S. (University of Oregon)  
Field of Specialization: Journalism

Christine Frances Donaldson,  
A.B. (Guilford College)  
Field of Specialization: History

Stephen Aaron Douglas, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Mary Frances Douthard,  
Gadsden, Ala.  
B.A. (Alabama Agricultural and Mechanical College)  
Field of Specialization: Sociology

Mary Linda Downey, Dayton  
B.S. in Edu.  
Field of Specialization: Education

Jack Verner Drago, Bradenton, Fla.  
B.S. (United States Naval Academy)  
Field of Specialization: Education

Patricia Louise Dray, Richmond  
B.S. (David Lipscomb College)  
Field of Specialization: Education

Arthur James Drewyor, Jr., Toledo  
B.A. (University of Toledo)  
Field of Specialization: Journalism

Barbara Jean Driver, Toledo  
B.S. in Edu.  
Field of Specialization: Education

Sister Johanna Eberly, Columbus  
B.S. in Mus. Edu. (College of Saint Mary of the Springs)  
Field of Specialization: Music

Lois Elaine Echols, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Marilyn Barbara Eisenberg,  
Cincinnati  
B.A.  
Field of Specialization: Economics

Linda Jean Enloe, Decatur, Ga.  
A.B. (University of Georgia)  
Field of Specialization: Psychology

B.E.Ed. (Bloomsburg State College)  
Field of Specialization: Education

Karen Nelson Ermler, Columbus  
B.S. in Ed. (Northern Illinois University)  
Field of Specialization: Education

Caroline Huffman Farnsworth,  
Columbus  
B.S.Ed. (Bowling Green State University)  
Field of Specialization: Education

Geraldine Farrell, Glendora, N.J.  
A.B. (Rutgers State University)  
Field of Specialization: Education

Margaret Jean Felter,  
Bloomfield, N.J.  
B.A. (Bloomfield College)  
Field of Specialization: Education

Linda May Felter, Richwood  
B.A. (Otterbein College)  
Field of Specialization: Education

Carole Wolfe Fick, Reynoldsburg  
B.S. (Huntington College)  
Field of Specialization: Education

Martha Krismer Fischer, Cincinnati  
A.B. (College of Mount Saint Joseph on the Ohio)  
Field of Specialization: Education

Catherine Anette Fish, Dayton  
B.A. (Wright State University)  
Field of Specialization: Anthropology

Mary Elizabeth Fisher,  
Westfield, N.J.  
B.M.Ed. (Baldwin-Wallace College)  
Field of Specialization: Music

Michael David FitzSimmons,  
Mansfield  
B.S. (Muskingum College)  
Field of Specialization: Education

Paula Bagby Ford, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Susan Lewis Forster, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Linda Harder Foster, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Charles Donovan Friesen,  
Henderson, Neb.  
B.S. (Bethel College, Kansas)  
Field of Specialization: Education

Kathleen Ann Galvin, Cleveland  
B.A. (University of Dayton)  
Field of Specialization: Education

Susan Menges Gardes, Columbus  
B.A. (William Woods College)  
Field of Specialization: Political Science

Ruth Hedges Gearisher, Radnor  
B.S. in Edu.  
Field of Specialization: Education

Karen Ann George, Parma  
B.S. in Edu.  
Field of Specialization: Education

Sarah Earl Gettenger, Columbus  
A.B. (Indiana University)  
Field of Specialization: Education

Edwin Carl Gilkey, Groveport  
B.M.E. (Capital University)  
Field of Specialization: Music

David Ben Gill, Milwaukee, Wis.  
B.A. (University of Wisconsin)  
Field of Specialization: Journalism

Lonne Ray Gillian, Columbus  
B.S. in Edu.  
Field of Specialization: Physical Education

Ralph Douglas Gillum, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Gary Lee Gilmer, Kings Mills  
B.S. in Edu.  
Field of Specialization: English (Teso)

OpaJ Lump Gire, Columbus  
B.S. in Edu.  
Field of Specialization: Education

Theima Riegel Girtor, Columbus  
B.S.Ed. (Ashland College)  
Field of Specialization: Education

Jean Elizabeth Girvez, Columbus  
B.A. (Northwestern University)  
Field of Specialization: Education

A.B. (Temple University)  
Field of Specialization: Psychology

Linda Fisher Glenn, Fredericton  
B.S. in Edu.  
Field of Specialization: Education

Melvin Clarence Goldsmith, Marysville  
B.S. in B.A. (Wittenberg University)  
Field of Specialization: Education

Marc Paul Goldzeig, Columbus  
B.A.  
Field of Specialization: Education
Jeffrey Lynn Jenkins, Columbus
B.S. Ed. (Capital University)
Field of Specialization: Education

Barbara Mae Johannes, Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education

Arthur Matthew Johnsen, III, Lebanon
B.A. (Miami University)
Field of Specialization: Psychology

Gary Ronald Johnson, Rochester, Minn.
B.A. (University of Minnesota)
Field of Specialization: Public Administration

Larry Richard Jones, Columbus
B.Ed. (University of Toledo)
Field of Specialization: Education

Patricia Laucher Jordan, Galion
B.S. in Edu. (Kent State University)
Field of Specialization: Education

Heidi Jane Joshua, Youngstown
A.B. (Youngstown State University)
Field of Specialization: History

Timothy Warren Kahrl, Mt. Vernon
A.B. (Harvard College)
Field of Specialization: History

Glenn Kaplan, Woodbury, N. Y.
B.A. (C.W. Post College)
Field of Specialization: Education

Lois Merle Kaplan, Skokie, Ill.
B.A. (Purdue University)
Field of Specialization: Speech

Alana Karulis, Oxon Hill, Md.
B.S.Ed. (Duquesne University)
Field of Specialization: Classics

Philip Vaughn Kegg, Columbus
B.S. in Edu.
Field of Specialization: Education

Richard Ladd Kelley, Forrestburg, Tex.
B.A. (North Texas State University)
Field of Specialization: English

Sandra Lee Keys, Rye, N. Y.
B.S. (State University of New York College, Cortland)
Field of Specialization: Physical Education

Glenn Philip Kiefer, Marion
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

James William Kimmich, Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education

James Dewey Kirk, Toledo
B.A.
Field of Specialization: History

William Oliver Kjerrumgaard, Howard
B.S. in Edu.
Field of Specialization: Education

Richard J. Knapp, Bowie, Md.
B.S. (University of Maryland)
Field of Specialization: Journalism

Paul Douglas Kochanowski, Toledo
A.B. (John Carroll University)
Field of Specialization: English

Mary Barbara Kostelnik, Berea
B.A.
Field of Specialization: Anthropology

Ann Kotowicz, Flushing, N. Y.
B.S. (State University College of New York at Oneonta)
Field of Specialization: Speech

Gayle Carter Kranz, Columbus
B.F.A.
Field of Specialization: Education

Paul Ervin Krouskop, Lima
B.S. in Edu. (Bluffton College)
Field of Specialization: Music

Margo Louise Kruse, Lakewood
B.A. (Albion College)
Field of Specialization: Romance Languages

Stephen Herbert Kull, Columbus
B.S. in Ed. (Otterbein College)
Field of Specialization: Education

Norman Allen Kushen, Columbus
B.S. in Edu.
Field of Specialization: Education

Sister Mary Katherine Lacaria, Columbus
B.S. in Edu. (Rosary Hill College)
Field of Specialization: Education

Michael Blaine Laflersey, Dayton
B.S. in Agr.
Field of Specialization: Journalism

Roger Frederick Lambert, Columbus
B.A. in Jour.
Field of Specialization: Journalism

John Philip Landfried, Cincinnati
B.A.
Field of Specialization: Speech

Diane Martin Lane, Dayton
B.S. in Edu.
Field of Specialization: Education

Frederick Wayne Langner, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Lowell David Latto, New Philadelphia
B.S. in Edu.
Field of Specialization: Education

Edward David Laughaunbaum, Westerville
B.S. in Ed. (Otterbein College)
Field of Specialization: Education

Barbara Joan Lavelle, Miami, Fla.
B. Ed. (University of Miami)
Field of Specialization: Education

Florence Compton Lehman, Columbus
B.S. in Edu.
Field of Specialization: Education

Anne Catherine Lehmenkuler, Springfield
B.S. in Edu.
Field of Specialization: Education

Michael John Leonardelli, St. Louis, Mo.
B.A. (Saint Louis University)
Field of Specialization: Theatre

Jackie Lee Lewis, Hillsboro
B.S. (Morehead State College)
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Field of Specialization: English

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B.A. (Allegheny College)
Field of Specialization: Speech

Winford Lee Logan, Wooster
B.A. (Wittenberg University)
Field of Specialization: Journalism

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B.S. (Otterbein College)
Field of Specialization: Education

B.A. (Bryn Mawr College)
Field of Specialization: German
David Duane Lowery, Clarksville, Va.
Field of Specialization: Journalism

Sister Aloysius Lubrecht, Cincinnati
B.M.Ed. (College of Mount Saint Joseph on the Ohio)
Field of Specialization: Education

Suzanne Elizabeth Luedeke, New Bremen
A.B. (Asbury College, Kentucky)
Field of Specialization: Education

Ralph Francis Lupidi, Columbus
B.S. in Edu.
Field of Specialization: Music

Marshall Day Malcolm, Richmond, Ind.
A.B., M.A. (Earlham College)
Field of Specialization: Education

Barbara Ann Mallett, Columbus
B.A.
Field of Specialization: English

Judith Ann Marchesi, Tolua, Ill.
B.S. (University of Illinois)
Field of Specialization: Physical Education

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B.S. in Edu.
Field of Specialization: Education

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B.S. in Edu.
Field of Specialization: Education

Larry Allen McElwee, Hillaboro
B.A.
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B.S. in Agr., M.S.
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Elizabeth Barker Melberg, Ludlow, Mass.
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Field of Specialization: Physical Education

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Field of Specialization: Classics

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Field of Specialization: English

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B.S. in Ed. (Capital University)
Field of Specialization: Education

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B.E.E. (College of Saint-Louise)
Field of Specialization: Education

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Bonnie Marilyn Mirrer, Bronx, N.Y.
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Field of Specialization: Anthropology

Maraln Jean Moore, Caldwell
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B.S. (Ashland College)
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B.A.
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Field of Specialization: Education

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Field of Specialization: Education

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Field of Specialization: Speech

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B.A. (Oakland University)
Field of Specialization: Education

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B.S.
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Thomas John Nippert, Columbus
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Field of Specialization: Education

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Elizabeth Robinson Pettit, Columbus
B.S. in Edu.
Field of Specialization: Education

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B.S. in Edu.
Field of Specialization: Education

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B.Mus. (Heidelberg College)
Field of Specialization: Music

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B.Mus. (Heidelberg College)
Field of Specialization: Music

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B.A. (University of Oregon)
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Field of Specialization: Education

Deborah Riall Press, Danbury, Conn.
B.A. (Bucknell University)
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Field of Specialization: Education

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Field of Specialization: Education

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Field of Specialization: Education

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Field of Specialization: Education

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Michael Gregory Roshak, Jermy, Pa.
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Field of Specialization: Romance Languages

Carol Green Rowland, Columbus
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Bonita Marie Ruef, Erie, Pa.
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Field of Specialization: Romance Languages

Mary Elaine Saik, Elkhart, Ind.
B.A. (Purdue University)
Field of Specialization: History

Timothy Lee Sanz, Hobart, Ind.
A.B. (Indiana University)
Field of Specialization: Slavic Languages

B.S. in Ed. (Clarion State College)
Field of Specialization: Education

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Field of Specialization: Education

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B.S. (Capital University)
Field of Specialization: Education

David Francis Schmidt, Mt. Vernon
B.S. in Edu.
Field of Specialization: Education

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B.S. (University of Kansas)
Field of Specialization: Journalism

George Milton Schram, Caledonia
B.S. in Edu.
Field of Specialization: Physical Education (Health Education)

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Field of Specialization: Education

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B.S. in Agr.
Field of Specialization: Education

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Field of Specialization: Education

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B.S. (Ashland College)
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Karen Elaine Shackleley, Karm City, Pa.
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Field of Specialization: Education

Linda Kiebert Shields, Springfield
B.A. (Otterbein College)
Field of Specialization: Education

Howard J. Silver, Bronx, N. Y.
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Field of Specialization: Political Science

Kathryn Elaine Sims, West Lafayette
B.A. (Otterbein College)
Field of Specialization: Education

Rexford Leroy Skelton, Ashland
B.S. in Ed. (Ashland College)
Field of Specialization: Education
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>Field of Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph</td>
<td>B.A. (University of Texas)</td>
<td></td>
</tr>
<tr>
<td>Jack Ellsworth</td>
<td>B.A. (University of Montana)</td>
<td></td>
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<tr>
<td>Judith Mary</td>
<td>A.B. (Ohio University)</td>
<td></td>
</tr>
<tr>
<td>Joan</td>
<td>B.S. in Edu.</td>
<td></td>
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<tr>
<td>Bonnie Ann</td>
<td>B.A. (University of Miami)</td>
<td></td>
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<tr>
<td>Carolyn Backenstos Smith</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Curtis Allan Smith</td>
<td>B.A. (Auburn University)</td>
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<tr>
<td>Joan Dreher Smith</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Mary Matevy Smith</td>
<td>B.S. in Edu.</td>
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</tr>
<tr>
<td>Judith Mary Sostarch</td>
<td>B.A. (University of Wisconsin)</td>
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<tr>
<td>Jack Ellsworth Stauch</td>
<td>B.A. (Bowling Green State University)</td>
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<tr>
<td>Charles Richard Temple</td>
<td>B.A. (University of Pittsburgh)</td>
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<tr>
<td>Ernestine Carol Thomas</td>
<td>B.A. (Capital University)</td>
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<tr>
<td>Robert Donley Townsend</td>
<td>B.A. (Otterbein College)</td>
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<tr>
<td>Kenneth Edward Tracey</td>
<td>B.A. (College of Wooster)</td>
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<td>Michael Charles Tripp</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Jane Chowning Troy</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Janice Clare Tucker</td>
<td>B.S. in Edu.</td>
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<tr>
<td>Carl Michael Upson</td>
<td>B.S. (United States Air Force Academy)</td>
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<tr>
<td>Margaret Whited VanGundy</td>
<td>B.S. in Edu. (Wittenberg University)</td>
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<tr>
<td>Peter James Vicente</td>
<td>B.A. (La Salle College)</td>
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<tr>
<td>Thomas J. Vinson</td>
<td>B.A. (Brooklyn College)</td>
<td></td>
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<tr>
<td>Elaine Marie Vitello</td>
<td>B.S. (College of Saint Mary of the Springs)</td>
<td></td>
</tr>
<tr>
<td>Kathleen Louise Vitzner</td>
<td>B.A. (Capital University)</td>
<td></td>
</tr>
</tbody>
</table>

* Also Bachelor of Arts, Colleges of the Arts and Sciences
Ronald Douglas Wagner, Willoughby
B.A.
Field of Specialization: East Asian Languages

Gronna Cohen Walowit, Columbus
A.B. (State University of New York at Albany)
*Field of Specialization: History*

Stephanie Elaine Walter, Columbus
B.S.E. (University of Dayton)
Field of Specialization: Education

Virginia Anne Wasson, Richmond, Ind.
B.S. (Olivet Nazarene College)
Field of Specialization: Music

Diane Lenart Weeks, Rock Creek
B.A., B.S. in Edu.
Field of Specialization: Education

Nancy Cooper Weemhoff, Delaware
B.A. (Adrian College)
Field of Specialization: Education

Carol Ann Phillips Welch, Lexington
B.S.Ed. (Ashland College)
Field of Specialization: Education

Michael Vernon Wells, Kettering
B.A. (Wright State University)
Field of Specialization: History

Marilyn Neiderhiser Wenig, Columbus
B.S. (Bowling Green State University)
Field of Specialization: Education

Beverly Rodda West, Columbus
B.S. in Edu. (Valparaiso University)
Field of Specialization: Education

Joel Eugene West, Dublin
B.S. in Edu.; M.Ed. (Duquesne University)
Field of Specialization: Music

Catherine Alene Wharton, Coshocton
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Field of Specialization: Education

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Field of Specialization: Romance Languages

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Field of Specialization: Education

Nancy Ann Whitmore, Columbus
B.A. (DePauw University)
Field of Specialization: Art

Lawton Densier Wilkinson, Hendersonville, N. C.
B. of Mus. (Saint Louis Institute of Music)
Field of Specialization: Music

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Field of Specialization: Education

Phillip Melvin Wishon, Ashville
B.S. in Edu.
Field of Specialization: Education

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B.S. (University of Utah)
Field of Specialization: Education

Donald Eugene Wolfe, Columbus
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Jack Wood, Jr., Amarillo, Tex.
B.S. in Edu.
Field of Specialization: Physical Education

Charles Edgar Workman, Columbus
B.S. in Edu.
Field of Specialization: Education

Stanley Marvin Yabroff, Euclid
B.S. in Edu.
Field of Specialization: Education

Myrle Jean Yoh, Van Wert
R.S. in Edu. (Taylor University)
Field of Specialization: Education

Robert Thomas Young, St. Catherine's, Ont., Canada
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Robert Edward Zadrozny, Seven Hills
B.S. in Edu.
Field of Specialization: Education

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B.S. in Edu.
Field of Specialization: Education

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Twenty-three candidates

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David Alan Barry, Columbus
B.S.M.E.
Field of Specialization: Business Administration

Robert Dean Bucck, Worthington
B.A. (Wichita State University); M.S. (Stanford University)
Field of Specialization: Business Administration

Eric Alan Brown, Battle Ground, Ind.
B.S.A. (Purdue University)
Field of Specialization: Business Administration

William Francis Buckley, New Brunswick, N. J.
A.B. (University of Nebraska)
Field of Specialization: Business Administration

Gene Frederick Cervi, Yorktown, Va.
B.S. (College of William and Mary)
Field of Specialization: Business Administration

Robert Albert Corea, Niles
B.S. in Bus. Adm.
Field of Specialization: Business Administration

John Orton Dillard, Tioga, N. D.
B.S. (North Dakota State University)
Field of Specialization: Business Administration

Richard Anthony Di Lorenzo, Rosedale, N. Y.
B.S. in M.E. (University of Notre Dame)
Field of Specialization: Business Administration

John Joseph Fedor, Memphis, Tenn.
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Field of Specialization: Business Administration

Charles Jackson Gray, Columbus
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Field of Specialization: Business Administration

Brent Ernest Johnson, Lebanon
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Field of Specialization: Business Administration
John Albert Kelting, Cleveland
B.S. in Bus. Adm.
Field of Specialization: Business Administration

Dennis Walter Kirsch, West Portsmouth
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Field of Specialization: Business Administration

John Albert Kuss, Dayton
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Field of Specialization: Business Administration

James William Subay, Jr., Bedford
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Olga Wovk Gault, Montgomery, Ala.
B.A. (Western Reserve University)
Field of Specialization: City and Regional Planning

Jerlene Westonberger Hargis, Port Clinton
B.A. (University of Oklahoma)
Field of Specialization: City and Regional Planning

David Paul Healey, Potsdam, N. Y.
A.B. (Colgate University)
Field of Specialization: City and Regional Planning

Madhab Bhakta Mathema, Kathmandu, Nepal
B.C.E. (Jadavpur University)
Field of Specialization: City and Regional Planning

Sara Ann Steiner, Wooster
B.A. (Wittenberg University)
Field of Specialization: City and Regional Planning

Master of Fine Arts

Eric Donald Barringer, Piqua
B.F.A. (Miami University)
Field of Specialization: Fine Arts (Painting)

Annamary Morrin Bierloy, Springfield
B.F.A. (Wright State University)
Field of Specialization: Fine Arts (Graphics)

William Harvey Perkins Binnings, New Orleans, La.
B.F.A. (Tulane University)
Field of Specialization: Fine Arts (Sculpture)

Jerry LeVerne Bontrager, Burn, Ind.
B.A. (Goshen College)
Field of Specialization: Fine Arts (Painting)

Carolyn O'Donnell Grupenhoff, Columbus
A.B. (College of Mount Saint Joseph on the Ohio)
Field of Specialization: Theatre

Cheryl Ann Hayden, Columbus
B.A.
Field of Specialization: Fine Arts (Ceramics)

Richard Curtis Howell, Columbus
B.F.A.
Field of Specialization: Fine Arts (Painting)

Master of City Planning

Six candidates

Lael Elisabeth Adams, Elma, N. Y.
A.B. (Syracuse University)
Field of Specialization: City and Regional Planning

Judith Marie McWillie, Memphis, Tenn.
B.F.A. (Memphis State University)
Field of Specialization: Fine Arts (Painting)

Trina Parsons Milofsky, Columbus, S. C.
B.A. (University of South Carolina)
Field of Specialization: Fine Arts (Painting)

Barbara Elizabeth Tanner, Williamsburg
B.A. (Westminster College, Pennsylvania)
Field of Specialization: Theatre

Wilbur Lewis Waddington, Columbus
B.F.A.
Field of Specialization: Fine Arts (Expanded Arts)

Master of Music

Three candidates

John Kasson Carter, Columbus
B. Music (Capital University); M.A.
Field of Specialization: Music

John Sherman Husser, Jr., Reynoldsburg
B. Mus. (Indiana University)
Field of Specialization: Music

Joyce Elaine Rhoades, Covington
B. of Mus. (Wright State University)
Field of Specialization: Music

Master of Science

Two hundred and six candidates

Jose Ramon Acosta-Pujols, Santiago, Dominican Republic
Ingen. (Instituto Tecnologico y de Estudios de Monterrey)
Field of Specialization: Electrical Engineering

Yogesh Chandra Agrawal, Bareilly, U.P., India
B.S. Agr. Engr. (United Provinces Agricultural University, India)
Field of Specialization: Agricultural Engineering

Virginia Feita Alabbazi, Columbus
B.S.N. (University of Cincinnati)
Field of Specialization: Nursing

Lois Gradisek Andrews, Lorain
B.S. in Nurs.
Field of Specialization: Nursing
Thomas Michael Archer, Sidney
B.S. in Agr.
Field of Specialization: Agricultural Engineering

1 Ralph Daniel Au, Lucas
Field of Specialization: Industrial Engineering

Dayatra Cezanne Baker, Marianna, Fla.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Mechanical Engineering

Sven B. Baxhe, New Delhi, India
B.S. (Eng.) (Panjab University, India)
Field of Specialization: Mechanical Engineering

Milton Escossia Barbosa, Jr., Fortaleza, Brazil
Eng. Mech. (Instituto Tecnologico de Aeronautica)
Field of Specialization: Welding Engineering

Jon Robert Barkhurst, Galion
B.S.
Field of Specialization: Mathematics

Basil Alexander Barna, Athens
B.S. (Ohio University)
Field of Specialization: Physics

James Kernard Barrentine, Columbus
B.S. (Mississippi State University)
Field of Specialization: Computer and Information Science

2 John Mathew Barton, Waynesfield
Field of Specialization: Electrical Engineering

Christopher Oscar Bast, Cambridge
B.S. (United States Military Academy)
Field of Specialization: Engineering Mechanics

Sandra Perkins Bell, Shelby
B.S. in H.E.
Field of Specialization: Home Economics

Rosemary Blieszner, Pittsburgh, Pa.
B.A. (Mercyhurst College)
Field of Specialization: Home Economics

Meredith Gene Bond, Schenectady, N. Y.
B.S.
Field of Specialization: Pathology

John Randall Bowman, Lebanon
B.S. (College of William and Mary)
Field of Specialization: Geology

Pearl Martin Brazier, Lancaster, Pa.
B.S.Ed. (Milwaukee State College)
Field of Specialization: Mathematics

William Latham Breunig, Cincinnati
B. Cor. E.
Field of Specialization: Ceramic Engineering

Letitia Ann Bright, New Orleans, La.
B.S. (Southern University and Agricultural and Mechanical College)
Field of Specialization: Computer and Information Science

Ronald William Brown, Urbana
B.E.E.
Field of Specialization: Computer and Information Science

Kathleen Greenwood Busenkl, Chicago, Ill.
B.S. (Loyola University)
Field of Specialization: Nursing

Sister Elizabeth Ann Byrne, Santa Fe, N. M.
A.R. (College of Mount Saint Joseph on the Ohio)
Field of Specialization: Allied Medicine

Richard Oliver Careaga, Los Angeles, Calif.
A.B. (Occidental College)
Field of Specialization: Geology

Robert Eustace Cassidy, Columbus
B.S. (College of the Holy Cross)
D.M.D. (Tufts University)
Field of Specialization: Dentistry

Dinesh Chandra,
B. Tech., M. Tech., India
B.S. (Birla Institute of Technology and Science)
Field of Specialization: Electrical Engineering

Terry Lynn Chapman, Columbus
B.W.E.
Field of Specialization: Welding Engineering

Chin-Long James Chen,
Tainan, Taiwan
B.S. (National Chiao Tung University)
Field of Specialization: Electrical Engineering

Chu Sarah Chen, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Botany

Ching Hua Chien, Kaohsiung, Taiwan
B.S.E. (Taiwan Cheng Kung University)
Field of Specialization: Welding Engineering

Katrina Hoopes Choate, Columbus
B.S. (Texas Woman's University)
Field of Specialization: Nursing

Prasas Chundhakrua,
Bangkok, Thailand
B. Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering

Margaret Bengsson Clark, Columbus
B.S. (University of Connecticut)
Field of Specialization: Home Economics

Darrell Robert Conner,
Beaver Falls, Pa.
Field of Specialization: Chemical Engineering

Robert Franklin Couch, Jr.,
Carrollton
B.S. (Capital University)
Field of Specialization: Geology

Jimmie Ray Courter, Dayton
B.S.E. (Kansas State University)
Field of Specialization: Electrical Engineering

Jeffrey Martin Cox, Columbus
B.S.
Field of Specialization: Geology

Joseph Paul Dainmasso,
Fayetteville, Ark.
B.S. (University of Arkansas)
Field of Specialization: Microbiology

Balakrishnan Dasarathy,
Tiruchirappa, South India
B.E. (University of Madras)
Field of Specialization: Computer and Information Science

Janet Rosalith Davis, New Castle,
B.S. in Edu. (Youngstown State University)
Field of Specialization: Home Economics

1 Also Bachelor of Science in Industrial Engineering, College of Engineering
2 Also Bachelor of Chemical Engineering, College of Engineering
3 Also Bachelor of Electrical Engineering, College of Engineering
Melinda Hernandez DeGuzman, Quezon City, Philippines
B.S. (University of the Philippines)
Field of Specialization: Chemistry

Carole Ann DePaola, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Home Economics

George Andre Desrochers, Fall River, Mass.
B.S. in C.E. (Northeastern University)
Field of Specialization: Geodetic Science

Richard Conrad Dieter, Bayside, N. Y.
B.S. (University of Oregon)
Field of Specialization: Biology

William Henry Diley, Jr., Canal Winchester
B.S. in Agr.
Field of Specialization: Agricultural Education

Susan Carolyn Dolge, Tiffin
B.S. (Pennsylvania State University)
Field of Specialization: Home Economics

Sally Ann Doohan, Arcadia, Calif.
B.S. (University of California, Davis)
Field of Specialization: Allied Medicine

Mark J. Ebersole, Carvallio, Ore.
B.S. (Oregon State University)
Field of Specialization: Computer and Information Science

Louise Karl Eggers, Tiro
B.S. (Ohio Dominican College)
Field of Specialization: Microbiology

Lynn Edward Effner, Williamsburg
B.S. in Agr.
Field of Specialization: Botany

James Homer Engle, South Vienna
B.S.
Field of Specialization: Aeronautical and Astronautical Engineering

Michael Jacob Epstein, Brentwood, Mo.
B.S. (Massachusetts Institute of Technology)
Field of Specialization: Chemistry

Edward Edeburn Erb, Jr., North Olmsted
B.S.
Field of Specialization: Geology

Radford Vincent Ewing, Tiffin
Field of Specialization: Mechanical Engineering

Mary Louise Foresman Flickinger, Columbus
B.S. Nurs. (Capital University)
Field of Specialization: Nursing

John Harris Flora, Xenia
B.S.E.E. (Ohio University)
Field of Specialization: Electrical Engineering

Karen Adams Fos, Columbus
B.S. in Edu.
Field of Specialization: Botany

George Morrison Fraunfelder, Lakewood
B.A. (Ohio Wesleyan University)
Field of Specialization: Chemistry

Stephen M. Freeman, Jr., Valley Stream, N. Y.
B.S. (Rutgers-The State University)
Field of Specialization: Ceramic Engineering

Karen Sue Gash, River Edge, N. J.
B.A. (Montclair State College)
Field of Specialization: Home Economics

Kenneth Robert Gebhart, Columbus
B.I.E.
Field of Specialization: Industrial Engineering

Karen Hall Geiser, Bellville
B.A. (Ohio Wesleyan University)
Field of Specialization: Home Economics

Anne Taylor Glavan, Columbus
B.S.E.E.
Field of Specialization: Home Economics

Thomas Walter Goettee, Columbus
B.S. (University of Cincinnati)
Field of Specialization: Natural Resources

Gary Frank Goodman, Cincinnati
B.A. (University of Hawaii)
Field of Specialization: Computer and Information Science

Oscar Edward Gray, III, Bordentown, N. J.
B.S. (United States Naval Academy)
Field of Specialization: Nuclear Engineering

Dennis Alfred Guenthner, Fairview Park
B.S.M.E. (Purdue University)
Field of Specialization: Mechanical Engineering

Robert Charles Gunn, Toronto, Ont., Canada
B.A.S., M.A.S. (University of Toronto)
Field of Specialization: Geodetic Science

Raymond Alfred Haeme, West Richfield
B.S. (Bowling Green State University)
Field of Specialization: Industrial Engineering

Jack Edgar Hathaway, Columbus
D.V.M.
Field of Specialization: Veterinary Pathology

John Mark Hehner, Columbus
B.S. (Capital University)
Field of Specialization: Zoology

Terry Mosier Helm, Rexburg, Idaho
B.S. (Brigham Young University)
Field of Specialization: Nuclear Engineering

Robert Edwin Hill, Columbus
B.S. in Edu.
Field of Specialization: Natural Resources

Mu-Lien Maureen Ho, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Botany

Arthur F. Howle, Jr., Euclid
B.M.E. (General Motors Institute)
Field of Specialization: Mechanical Engineering

Robert Blaine Huguenard, Columbus
B.I.E.
Field of Specialization: Industrial Engineering

Mnajouq Onyelanksu U. Ibeama, Mbiopong, Oboro, Nigeria
B.S. (University of Durham)
Field of Specialization: Geodesy

Carol Ann Imbus, Fourah Bay College
B.S. (H.E.) (Nazerath College, Kentucky)
Field of Specialization: Home Economics

Sharon Haughey Imbus, Columbus
B.S. in Nurs.
Field of Specialization: Nursing

1 Also Bachelor of Mechanical Engineering, College of Engineering
Sally E. James, Elyria
B.A. (Bowling Green State University)
Field of Specialization: Mechanical Engineering

Nikraz Sabet Javid, Tehran, Iran
D.M.D. (University of Tehran)
Field of Specialization: Dentistry

T. N. Jayarajan, Gudalur Bazar, India
B. Sc. Eng. (University of Kerala)
Field of Specialization: Welding Engineering

Joyce Edith Johnson, Mayville, ND
B.S. (North Dakota State University)
Field of Specialization: Home Economics

"Larry Alva Johnson, Oceanside
Field of Specialization: Mechanical Engineering

David Franklin Jones, Strasburg
B.S. (Otterbein College)
Field of Specialization: Physics

Patricia Dolores Jones, Bellmore, NY
B.A. (State University of New York at Oswego)
Field of Specialization: Zoology

Salim Najib Freissat, Zahle, Lebanon
B.S. (American University of Beirut)
Field of Specialization: Chemistry

Donald Albert Kaduce, Euclid
B.M.E., M.S.
Field of Specialization: Mechanical Engineering

Edward Mark Kaiser, Clifton, N.J.
B.S. (Seton Hall University)
Field of Specialization: Chemistry

Daryl James Kelly, Newark
B.S.
Field of Specialization: Microbiology

Paul David Kelty, Louisville, Ky.
B.E.E. (University of Louisville)
Field of Specialization: Electrical Engineering

James Harry Ketcham, Rushville
B.S. in Agr.
Field of Specialization: Agricultural Education

Marian Lenhart Keyser, Campbell
B.S.
Field of Specialization: Microbiology

Mustafa Khosropour, Washington, D.C.
B.S.M.E. (University of Houston)
Field of Specialization: Mechanical Engineering

Jong Hyuk Kim, Seoul, Korea
B.S. (Hanyang University, Korea);
B.S. Cer. E. (University of Missouri at Rolla)
Field of Specialization: Ceramic Engineering

Tong Kee Kim, Mokpo, Korea
B. Pharmacy (Sung Kyan Kwan University, Korea)
Field of Specialization: Poultry Science

Ruth Leflar King, Oxford
B.S. in Nurs.
Field of Specialization: Nursing

Roger Ned Kramer, Worthington
D.D.S.
Field of Specialization: Dental Medicine

Wilma Ashby Kumler, Wilmington
B.S. (Eastern Kentucky University)
Field of Specialization: Home Economics

Chun Choon Lam, Ipoh, Malaysia
B.S. (Manyang University, Singapore)
Field of Specialization: Statistics

Joyce Ann Landers, Cincinnati
B.S. in Nurs. (University of Cincinnati)
Field of Specialization: Nursing

Richard Arthur Lasher, Liverpool, N.Y.
B.A. (State University of New York at Binghamton)
Field of Specialization: Geology

Lawrence Lap Tak Lee, Kowloon, Hong Kong
B.S. (University of Arizona)
Field of Specialization: Mechanical Engineering

Sandra Faller Leopold, Huron
B.A. (Otterbein College)
Field of Specialization: Home Economics

Carl Robert Lieberman, Columbus
B.S. (Bowling Green State University)
Field of Specialization: Chemical Engineering

Charles Henry Linert, Solon
B.S. in Agr.
Field of Specialization: Natural Resources

Jeannette Chapman List, Grove City
B.S.
Field of Specialization: Home Economics

Paul James Little, Girard
A.B. (Youngstown State University)
Field of Specialization: Natural Resources

Bianca Dolly Tejada Lopez, Medellin, Colombia
Field of Specialization: Home Economics

Betty Joan Defrees Lorenz, Kilkart, Ind.
B.S. in Nurs. (Goshen College)
Field of Specialization: Nursing

Raymond Julius Luebbers, Akron
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering

Joanne Louise Mackin, Columbus
B.S. in Med. Diet.
Field of Specialization: Allied Medicine

1 Glenn Lawrence Mara, Columbus
Field of Specialization: Welding Engineering

David Lichy Martin, Lancaster, Pa.
B.A. (Franklin and Marshall College)
Field of Specialization: Geology

Marianne Maynard, Amsterdam, N.Y.
B.S. (State University of New York at Albany)
Field of Specialization: Mathematics

Denis Mee-Lee, Worthington
M.B.B.S. (University of Queensland, Australia)
Field of Specialization: Psychiatry

Philip Jerome Meves, Alliance
B.Ch.E.
Field of Specialization: Chemical Engineering

D.V.M. (University of Georgia); B.S. (University of Wisconsin)
Field of Specialization: Veterinary Preventive Medicine

Douglas Lawrence Miller, Steubenville
B.S.
Field of Specialization: Physics

Larry Wallace Miller, Dayton
B.S.E.E. (North Carolina State University)
Field of Specialization: Electrical Engineering

Rickie Lynn Miller, Lima
Field of Specialization: Electrical Engineering

A "so Bachelor of Science in Astronautical and Astronautical Engineering, College of Engineering

Also Bachelor of Welding Engineering, College of Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization: Electrical Engineering</th>
<th>Field of Specialization: Geodetic Science</th>
<th>Field of Specialization: Mathematics</th>
<th>Field of Specialization: Dentistry</th>
<th>Field of Specialization: Home Economics</th>
<th>Field of Specialization: Computer and Information Science</th>
<th>Field of Specialization: Preventive Medicine</th>
<th>Field of Specialization: Zoology</th>
<th>Field of Specialization: Pathology</th>
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<tbody>
<tr>
<td>Thomas Joseph Miller</td>
<td>B.S. (Xavier University)</td>
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<td>Thomas William Miller</td>
<td>B.S. (Carnegie-Mellon University)</td>
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<td>Frank Schriver Mills, Ashland</td>
<td>E.E.</td>
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<td>Gretchen Curtis Mills, Columbus</td>
<td>B.S. in Nurs.</td>
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<td>Judith Auker Moffett, Columbus</td>
<td>B.S. in Nurs.</td>
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<td>Raymond Mok</td>
<td>B.S. (University of California, Berkeley)</td>
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<td>Marian Gall Moore, Columbus</td>
<td>B.S.</td>
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<td>Robert Philip Morgan, Columbus</td>
<td>B.S.</td>
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<td>Victor Wayne Motz, Ft. Wayne, Ind.</td>
<td>B.S. (Purdue University)</td>
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<tr>
<td>William Wallace Muir, III.</td>
<td>B.S. (University of Wisconsin)</td>
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<tr>
<td>East Lansing, Mich.</td>
<td>B.S.</td>
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<tr>
<td>David Kuo-An Ni, Taipei, Taiwan</td>
<td>Field of Specialization: Chemical Engineering</td>
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<td>Beverly Ann Raney, Columbus</td>
<td>B.S. (University of Texas)</td>
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<td>Rajive Ray, Bangalore, India</td>
<td>B.S. (State University of New York</td>
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<tr>
<td>Anthony Vytuntas Ragaitis, Mayfield Heights</td>
<td>B.S. (Cleveland State University)</td>
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<td>Ronald Michael Reichert, Milwaukee, Wis.</td>
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<td>James Boyd Roane, Norman, Okla.</td>
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<td>Marilyn Margaret Rose, Harrisburg, Pa.</td>
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<td>Robert Carey Prior, Columbus</td>
<td>B.S.</td>
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<td>Bruce Allan Ramsey, Wooster</td>
<td>B.S. in Agr.</td>
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<tr>
<td>David Allan Randall, Dayton</td>
<td>B.S.</td>
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<tr>
<td>John Thomas Randall, Portsmouth</td>
<td>Field of Specialization: Ceramic Engineering</td>
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</tbody>
</table>

1. Also Bachelor of Electrical Engineering, College of Engineering
2. Also Bachelor of Ceramic Engineering, College of Engineering
3. Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
Donna Sari Selnick, Long Beach, N. Y.
B.S. (Cornell University)
Field of Specialization: Home Economics
Michael Herman Shaevitz, Columbus
B.S.
Field of Specialization: Physics
Roy Kenneth Shearer, Lancaster, Pa.
B.S.Ed. (Millersville State College)
Field of Specialization: Mathematics
Albert Dennis Shelton, Marion
B.S. in Edu.
Field of Specialization: Natural Resources
Francis Lee Shenton, Ames, Ia.
B.S. (Iowa State University)
Field of Specialization: Chemistry
Thomas Patrick Sherrin, Dillonvale
B.S. in Phar.
Field of Specialization: Pharmacy
Roger Charles Shulze, Glasonbury, Conn.
B.S. Engr. (Brown University)
Field of Specialization: Aeronautical and Astronautical Engineering
Ying Irene Shung, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Botany
William Paul Skivolocki, Homeworth
B.S., M.D.
Field of Specialization: Physiology
Walter Andrew Smith, Kettering
B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
Evangeline Ruth Snider, Colorado Springs, Colo.
B.S. (Marymount College, Kansas)
Field of Specialization: Nursing
Carlos P. Dias Scuto, Lisbon, Portugal
B. Naval Science (Portuguese Naval Academy)
Field of Specialization: Geodetic Science
Field of Specialization: Electrical Engineering
Donna Gail Sperry, Malenont, Ky.
B.S. (Morehead State University)
Field of Specialization: Zoology
James Arlen Spiess, Delaware
B.S. in Agr.
Field of Specialization: Agricultural Education
Charlotte Louise Stefanes, Dayton
B.S.Nurs. (Seton Hall University)
Field of Specialization: Nursing
Maria Walker Steinbaugh, Columbus
B.S.Ed.Diet.
Field of Specialization: Allied Medicine
Dennis William Stevenson, Columbus
B.S.
Field of Specialization: Botany
Vernon Lee Strong, Spencer, S. D.
B.A. (Greenville College)
Field of Specialization: Mathematics
Richard Lee Stroshine, Oregon
B.Agr. E.
Field of Specialization: Agricultural Engineering
Paul Russell Swartz, Perryburg
B.Ch.E.
Field of Specialization: Chemical Engineering
Winston Carlisle Swift, Columbus
B.A. (California State College at Los Angeles)
Field of Specialization: Computer and Information Science
John Albert Taylor, Columbus
B.E.E.
Field of Specialization: Electrical Engineering
Alan Venson Thompson, College Station, Tex.
B.S. (Texas Agricultural and Mechanical University)
Field of Specialization: Agricultural Engineering
Michael Peter Thur, Cleveland
B.S. in Phar.
Field of Specialization: Pharmacy
Atsushi Toda, Tokyo, Japan
B.Eng. (Waseda University)
Field of Specialization: Mechanical Engineering
Patricia Alleice Toldan, Dallas, Tex.
B.A. (Trinity University)
Field of Specialization: Chemistry
Alice Mae Tomnus, Bellevue
B.S. in H.E.
Field of Specialization: Home Economics
Bruce Calvin Trott, Columbus
B.E.E.
Field of Specialization: Electrical Engineering
Dimitry Michael Turin, Columbus
B.S. (Wayne State University); D.D.S. (University of Detroit)
Field of Specialization: Dentistry
Terry Elaine Voss, Bellefontaine
B.S.
Field of Specialization: Zoology
Harold Eliner Varvari, Lindenhurst, N. Y.
B.S. (Michigan State University)
Field of Specialization: Biochemistry
Donna Jeanne Watanebe, Cincinnati
B.S.Nurs. (University of Cincinnati)
Field of Specialization: Nursing
William Temerish Watson, Rochelle, Ga.
D.V.M. (Tuskegee Institute)
Field of Specialization: Veterinary Medicine
Larry Russell Wilmore, Fort Nebo, Tex.
B.S. (Lamar State College of Technology)
Field of Specialization: Zoology
James Lewis Wilson, Strongsville
B.S. in Agr.
Field of Specialization: Agricultural Education
Larry Gene Wilson, Van Wert
B.S. in Agr.
Field of Specialization: Agricultural Education
Nyeubchun Jonathan Wusu, Woji-Obia, Nigeria
B.S. (Colorado State University)
Field of Specialization: Veterinary Medicine
Chien-Jiu Yeh, Nei-Li, Taiwan
B.Eng. (Taiwan Provincial College of Marine and Oceanic Technology)
Field of Specialization: Welding Engineering
Robert Thomas Yurosko, Caryboga Falls
B.M.E.
Field of Specialization: Mechanical Engineering
Susan Bashor Zavotka, Cincinnati
B.S. in H.E.
Field of Specialization: Home Economics
The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts
Dean: Lee Rigsby

Bachelor of Arts
Eight candidates
- Thomas Whiteford Boeker, Toledo
- Richard John Bruggeman, Marion
- Susan Beverly Ealy, Hudson
- Lydell Lewis Hagood, Benton Harbor, Mich.
- Marcia Gail Haidin, Columbus
- Michael Joseph Paul, Shaker Heights
- Lawrence Lewis Schiff, Youngers, N. Y.
- Peter Young Wilks, Columbus

Bachelor of Fine Arts
Twenty-nine candidates
- Diane Lynn Adams, Solon
- Dawn Elaine Barber, Perrysburg
- Robert Allen Berkemer, Columbus
- Enid Elin Blechman, New York, N. Y.
- Peggy Jane Bornstein, Flushing, N. Y.
- Joeline Joy Contrucci, Pittsburgh, Pa.
- James Lawrence Eichenberger, Cincinnati
- Carolyn Cherie Fannin, Fairborn
- Randall Gordon Fisher, Gallipolis
- Mary Ellen Fouser, Shelby
- Joyce Evelyn Harrow, Van Wert
- Cynthia Rae Heckman, Washington, C. H.

College of Biological Sciences
Dean: Richard Bohning

Bachelor of Arts
Three candidates
- Martin Allen Drozdowicz, Toledo
- Barbara Lowman Walton, Columbus
- Caroline Clement Whitacre, Morrow

Bachelor of Science
FORTY-TWO CANDIDATES
- Richard Aaron Bentley, Findlay
- John Sylvin Brady, Columbus
- Linda Ann Braun, Columbus
- Michael William Callahan, Columbus
- Francis John Campana, Beachwood
- Charles Edward Carter, St. Paris
- Ted E. Darbyshire, Lima
- James Raymond Darwood, Van Wert
- David Allan Dickinson, Toledo
- James Allen Everhart, Columbus
- Stephen Edward Fatzinger, Columbus
- Foster Darrell Furryman, Springfield
- John Guillard Fuller, Columbus
- Jane Marie Gross, Hubbard
- Terry Lynn Hackbarth, Worthington
- Margaret Haydon Harrington, Lakewood
- Ronald James Hayes, Franklin
- David Elmer Heihlen, Bucyrus
- Francis John Holtzhauser, Columbus
- Kay Isamu Heriba, Jr., Shaker Heights
- Carol Josephine Hoving, Dayton
- William Ernest Johns, Steubenville
- Allan Neil Kolins, Wantagh, N. Y.
- Alan Thomas Kraft, Englewood, N. J.
- Linda Ann Krause, Keating
- David Byrd Martin, Rochester, Minn.
- Gregory Sean McKown, Columbus
- John Michael McMonah, Elda
- Thomas Lee Mock, Parma
- Steven Robert Newman, North Randall
- Joyce Kathleen Osborne, St. Marys
- Richard Allan Park, Columbus
- Dennis George Polley, Bellevue
- Dale Allan Raseh, Bedford
- George Pete Shivak, Akron
- Daniel Peter Sinninski, Toledo
- Terry Lee Tickhill, Barnesville
- Roger William Toothman, St. Louisville
- Judith Marie Terma, East Cleveland
- Susan Miller VanAustral, Columbus
- David Allen Zito, Wadsworth
- Dennis Dale Zito, Wadsworth

Bachelor of Science in Industrial Design
Three candidates
- John Thomas Athey, Akron
- Stephen Ralph Spring, Jackson
- Yuk Dan Wong, Norwood

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education Candidates are listed on page 43

Bachelor of Music
Three candidates
- Cheryl Frank Hammerman, Columbus
- Paul Alan Miller, Westerville
- James Arthur Ravan, Jr., Akron

The Bachelor of Science in Industrial Design is conferred by all the colleges of the federation of the five colleges of the Arts and Sciences, and is not included in the total number of candidates.

College of Social and Behavioral Sciences
Dean: Franklin P. Kirkpatrick

Bachelor of Arts
Three candidates
- Martin Allen Drozdowicz, Toledo
- Barbara Lowman Walton, Columbus
- Caroline Clement Whitacre, Morrow

College of Humanities
Dean: Richard Bohning

Bachelor of Arts
Eight candidates
- Dean: Lee Rigsby
- College of Biological Sciences
- College of Humanities
- College of Mathematics and Physical Sciences
- College of Social and Behavioral Sciences

Dean: Geoffrey Keller

Bachelor of Fine Arts
Twenty-nine candidates
- Dean: Lee Rigsby
- College of The Arts
- Bachelor of Arts
- Eight candidates
- Bachelor of Fine Arts
- Twenty-nine candidates
- Bachelor of Music
- Three candidates
- Bachelor of Science in Industrial Design
- Three candidates
- Bachelor of Science
- Forty-two candidates
- Bachelor of Art Education and Bachelor of Music Education
- College of Biological Sciences
- College of Humanities
- College of Mathematics and Physical Sciences
- College of Social and Behavioral Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller
Vice Provost for Arts and Sciences: Robert G. Arts

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College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Eighty-nine candidates

Beatrix Kosmahl Ahlswede, Olmsted Falls
William Dean Barson, Walled Lake, Mich.
David Harvey Bauman, University Heights
Daniel Joseph Boyle, Columbus
Christine Elaine Campbell, Columbus
Jerrie Hollifield Campbell, Columbus
Tracy Dunnng Carmichael, Columbus
John Andrew Chervenak, Lakewood
James William Clezie, Columbus
Donald Carl Coffin, Columbus
Robert Gary Colman, Shaker Heights
Roger Lawrence Connor, Jr., Columbus
Dale Roger Corbett, Columbus
Kathleen Ann Cull, Columbus
Anne Dolores Daily, Worthington
Kenneth Bruce Derryberry, Lima
Terry Lee Dinsdie, Columbus
Christopher Sayre Duckworth, Columbus
Roberta Bender Elliott, Oxon Hill, Md.
Larry Eskridge, Shaker Heights
David Brian Gallup, Palmeville
Barbara Lynn Golden, Cleveland
Avra Renee Goldman, Akron
Kathryn Koret Goldsmith, Columbus
Robert Ralph Goodhalter, Greenhills
Richard Orval Greene, Columbus
John Douglas Hadacek, Portoria
Judith Ann Hagler, Columbus
Anne Quinn Hale, Worthington
Ronald Craig Hamilton, Mansfield
Stanley Mark Hammerman, Columbus
Pamela Stephens Heitz, Columbus
Steven Jay Henry, Chicago, Ill.
Doma Jordan Hiles, Columbus
Patrick Michael Howes, Dayton
Roland David Johannsen, Shaker Heights
Penny Lynn Johnson, Columbus
Louise Laten Jones, Cleveland Heights
Helene Sharon Kasavan, Dayton
Gail Lauderdale, Columbus
Paul Michael Laurie, Beachwood
Judith Ellen Lehman, Columbus
Lana Lensky, Avon
Eric Theodore Lubov, Toledo
Linda Carol Luoma, Mentor
Mark Harrison McDougle, Worthington
Lawrence Bowler McLaughlin, Lima
Philip Howard Menendian, Columbus
Frank Stephen Mesaros, Columbus
Michael Scott Miller, Toledo
Stephen Douglas Miller, Kettering
Michael Terry Mulleri, Sidney
L. Richard Musat, Fairview Park
Stephen Paul Nagy, Groveport
Ralph Thomas Nicolosi, Marion
Deborah Bordenfeller Noe, Cincinnati
Susan Lynn Oshian, Fort Lee, N. J.
Sonja Jane Owen, Dayton
Michael McDonald Parker, Reynoldsburg
Cheryl Anne Pavlik, North Muskingum, Mich.
Michael Thomas Pekarek, Centerville
George John Pfaff, Columbus
Joanne Stephanie Phillips, Fairview Park
Paul Christian Pyle, Columbus
Sherry Neel Rhodes, Columbus
Robert Alan Ridewood, Groveport
Eileen Lucile Roberts, Columbus
Michael Howard Rosen, Columbus
Nancy Leah Van Kirk Sander, Columbus
Stuart Jeffrey Schatz, Bala Cynwyd, Pa.
Michael Shafrazi, Cleveland Heights
Ronald Karam Sheban, Youngstown
Paul David Shields, Columbus
George Weston Sheemaker, Columbus
Paula Ann Steigerwald, Wooster
Gregory Lynn Stephenson, Portsmouth
Robert Levern Swires, Mansfield
Donald Scott Tittle, Shaker Heights
Beatrice Barth Uhr, Columbus
Carol Watkins Vonderembse, Mansfield
William Marvin Wade, Jr., Lima
Nina Elisabeth Wagner, Canton
Richard Robert Warfel, Jr., Worthington
Howard Emmett Welt, Jr., Ogensberg, N. Y.
Gregory Kent West, Columbus
Michael Maclaren Wilson, Columbus
*Kate Pratt Womacott, Columbus
Paula Kay Young, Canton

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

Bachelor of Arts

Four candidates

Linda Turley Cochran, Carrollton
B.S. in Edu.
Mary Christena Ickes, Dalton
Robert Frank Nolan, Columbus
Bruce Shane Teitelman, Shaker Heights

Bachelor of Science

Twenty-nine candidates

Wolfram Hans Andrews, Groveport
Jerry Lynn Baker, Marysville
Paul Keith Beamer, New Philadelphia
David Alan Berry, Columbus
Michael Joseph Benson, Columbus
Terry Allen Breinich, Mansfield
John Thomas Clark, Columbus
Bruce William Collins, Akron
William Robert Davey, Columbus
Robert Dean Dawson, Columbus
Rebecka Anne Deet, Toledo
John Stanley Domanski, Columbus
John Robert Finke, Kettering
William Alfred Fleak, Columbus
Donald Douglas Funnell, West Unity
Luther Gregory Harrington, Columbus
Robert William Meadows, Columbus
Daniel Wayne Morris, Brooklyn
Thomas Sharp Moser, Fredericktown
Randall Brad Nehamkin, South Euclid
James Blaet Perry, Middletown
John Stephen Petek, Jr., Hubbard
Harold Lee Reed, Hillsboro
David Elvin Regula, Columbus
David Earl Smith, Columbus
Willard Harry White, Columbus
Donald Glyn Wilson, San Antonio, Tex.

* Also Bachelor of Science in Education, College of Education
College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bacter of Arts

One hundred and forty-seven candidates

Judith Ann Crunelle, Columbus
Ted Johnson, Columbus
Gary Dennison, Newark
Donald James Feldkamp, Lorain
Wayne Gerald Lemon, Columbus
Robert Lee Ellis, Marysville

Sanford Jerome, Columbus
Lynette Brown, Columbus

Robert Mark Gray, Columbus
Ernst Karl Haynes, Columbus
Darrell Lee Heckman, Columbus
Mary Teresa Henning, Columbus
Jeffrey Dean Hersey, Columbus
Timothy Louis Hoffman, New Paris
Sheila Plzet Hubbard, Columbus
John Henry Hudson, Cincinnati
Richard Eugene Jackson, Bryan

Carla Elaine Golder, Mansfield
Jeney Hayes Goldsmith, Columbus

Gregory John Feltman, Toledo
Mark William Finkel, New York, N. Y.
David Ray Fleiner, Columbus
Peter Michael Florio, Columbus
Mary Kay Friedrich, London
Robert John Furk, Cranford, N. J.
Stuart Irwin Gaspen, Pepper Pike
Elizabeth Ann Gaston, Westerville
Bonnie Schoonover Georgia, Columbus

Carla Elaine Golder, Mansfield
Jeney Hayes Goldsmith, Columbus

Thomias William Gonia, Middletown
Philip Joel Gordon, Longmeadow, Mass.
Robert Mark Gray, Columbus

Ernst Karl Haynes, Columbus
Darrell Lee Heckman, Columbus
Mary Teresa Henning, Columbus
Jeffrey Dean Hersey, Columbus
Timothy Louis Hoffman, New Paris
Sheila Plzet Hubbard, Columbus
John Henry Hudson, Cincinnati
Richard Eugene Jackson, Bryan

Willoughby

Jonathan Albert Jaynes, Lakewood
Thomas Gilmour Jones, Akron
James Francis Kalsky, Youngstown
Sarah Sibottom Kearns, Columbus
Theodore Charles Keener, Columbus
Alan Dale Kelchner, Trotwood
Linda Marie Kapproth, Springfield
Allan James Knick, Virginia Beach, Va.
Margaret Deborah Kohler, Toledo
Carl Chandis Kuhns, Delaware
Raymond Michael Lamb, Columbus
Carl Henry Lamme, Jr., Columbus
Myran Elizabeth Lewis, Columbus
George Clark Luther, Columbus
Larry David Macintosh, Lorain
Fredric Dave Macwhinney, Gallipari

Gahanna

Daniel William Male, Parma
Beatrice Ann Malone, Cleveland
Joyce Lynn Manes, Dayton
Judith Ann Cruenle Masterson, Columbus

Stephen Howard Mayerhoefer, Avon
Robert James McDonough, Lyndebore Falls
Jack Simon Melillo, Columbus
William Joseph Metzger, Parma Heights

Richard Stephen Milesky, Columbus
Barry Alan Miller, Sandusky

Kenneth Alan Miller, Dayton
Philip St. John Moore, III, Columbus
Byron Leslie Mulhy, South Euclid
John Barrieklow Mullin, Columbus
General Grant Oliver, Newark
Julia Lou Osborne, Columbus
Roman Pankiw, Cleveland
Terry Allen Perkins, Stryker
Ellie Brook Pahnestock Plummer, Columbus

James Thomas Ramer, Piqua
Ronald Jay Rawlins, Lancaster
Janice Raynor, South Salem, N. Y.
Kenneth Willam Renker, Lorain
Barbara Rosemary Ryan, Mansfield
Tina Schwartz, Bayside, N. Y.
Elizabeth James Scott, Columbus
Michael Angelo See, Chillicothe
Kennedy Clare Sharrock, Bucyrus
Ellie Scott Shaw, Bowling Green
Frances Kay Shawayan, Mingo Junction

Brooks John Sheehan, Houston, Tex.
Mark Frederick Shell, Columbus
Thomas Alan Shockey, Columbus
Donald Eugene Showalter, Plain City
Nester Olen Sima Stockey, Columbus
Annette Slany Smith, Cleveland
Larry Eugene Smith, Middleburg Heights
Laura Ann Smith, Columbus
Randall Macdonald Speer, Worthington

Effie Jean Spillman, Columbus
James Michael Sproule, Dayton
Dale Lynn Stoeck, Cincinnati
Larry Michael Stoll, Dayton
Alan Wayne Stuckert, Pittsburgh, Pa.

Charles Thomas Sullivan, Columbus
Laslo Louis Szilay, Cleveland
Kris Lee Ten Eyck, Delaware
Gary Alan Thomas, Columbus

Barbara Jane Thompson, Columbus

Chris Donald Tierny, Merrick, N. Y.

James Nathaniel Upton, Cincinnati

James Nathaniel Upton, Sweetwater, Tenn.

Michael Allan Vogel, Columbus

Phillip Benton Walker, Columbus

Gordon Lewis Wall, Columbus

Marcia Dianne Warden, Columbus

Orest John Wasyluk, Columbus

Dawn Suzanne Webb, Canton

John Wesley Wheeler, Jr., Urbana

1 Also Bachelor of Arts, Graduate School
2 Also Bachelor of Science, Graduate School
Ronald Edward Wilms, Columbus
Jeffrey Lynn Wilson, Las Vegas, Nev.
Byron Robert Winchell, Frankfort
Kay Ellen Wise, Columbus
Donald Lee Wiseman, Columbus
Janette Marie Wright, Austin, Minn.
Dennis David Wysocki, Columbus
Richard Donald Yepsen, Columbus
Annette Lynn Zoll, Mansfield

Patrick Ann McCullough, York, Pa.
Roy Carl Novello, Cleveland
Robert Kenneth Oster, Cleveland
Robert Michael Rowan, Columbus
Bonnie Gayle Schwartz, Cleveland
Karen Michele Silberman, Southfield, Mich.
James Neilson Strock, Wooster
Patrick Hennessy Welsh, Lancaster

Bachelor of Science
Sixteen candidates
Melvia Celestin Bowser, Columbus
John Fred Cassmer, Garfield Heights
Carolyn Margaret Close, Columbus
Robert Gerald Dodley, Columbus
Alan Miles Elias, Lexington, Ky.
George Zoltan Koranyi, Columbus
Richard James Martin, West Jefferson
William Michael Masterson, Berea
Alicia Virene Kissner, Grafton
James Steele Sheahan, Rocky River
John Robert Staup, Tipp City
Robert Paul Walton, Cleveland Heights
Nancy Kay Wills, Columbus

Bachelor of Arts in Journalism
Twenty-four candidates
Bradley Clyde Atland, Roanoke, Va.
Roger Brian Barrett, Columbus
Michael Eddy Blines, Columbus
Gail Christine Bryce, Barberton
Robert Browning Crow, Bay Village
Kathleen Dubnikar Curtiss, Willowick
Kathleen Patricia Devaney, Hilliard
Timothy Alan Fought, Chillicothe
Allan David Franks, Columbus
Iris Irene Galan, Parma
Susan Mae Giller, Los Altos Hills, Calif.
Stephen Matthew Glowacki, Cleveland
Terry Arthur Hull, Circleville
Cynthia Friedman Johnson, Greenfield
Arthur Granville Loeffler, Columbus
Kathryn Jane McClusky, Yonkers, N. Y.
Jeffrey Eric Essak, Toledo
Gregory Francis Fields, North Olmsted
Edwin Allen Fleming, Amherst
Philip Edward Fletcher, Columbus
Linda Ruth Friedman, Chillicothe
Richard Paul Friedman, Great Neck, N. Y.
Dennis Ray Fryman, Prospect
Robert Andrew Gammill, Columbus
Robert Francis Gates, Cleveland
Stuart Allen Gelb, University Heights
Thomas Joseph Gray, Marion
Darrell Haas, Columbus
Gerald Allison Haas, Medina
John Edward Hajjar, Huntsburg
Allan William Harker, Fairfield Park
Charles Dudley Hawkins, Columbus
Stephen Howard Hersch, Beachwood
Thomas Matthew Hobie, Richmond Heights
David Frank Hooevar, South Euclid
Laurence Michael Holbert, Warrington, Pa.
Benjamin Foster Honeyman, Greenville
William Lawrence Hoy, Columbus
John Sylvester Hoying, Sidney
Charles Courtland Huber, Jr., Bourbonnais, Ill.
John Elton Hulme, Monroeville, Pa.
Stephen Arthur Huston, Mt. Gilead
John Elmer Hykes, Cuyahoga Heights
Dennis Richard Joberl, Cleveland
Roger Ray Joseph, Cygnet
Robert Allen Judson, Worthington
John Geoffrey Kabalo, Columbus
Roger Alan Katz, South Euclid
Ronald Lee Ketchum, St. Marys
Jerome Davis Keyser, Hinsdale, Ill.
Karen Lou Klimaski, Youngstown
Thomas Loren Klyug, Dayton
Richard Lee Kolesar, Columbus
Dennis Raymond Kuhn, Ironton
Joel Martin Landau, Beachwood
Kent Arne Willy Larsson, Malmo, Sweden
Stanley Laybourne, Columbus
Daniel Kincade Loggett, Columbus
Kenneth John Lindsay, Jr., Cuyahoga Falls
Thomas Arthur Loefler, Toledo
William Carl Lucas, Jr., Columbus
Andrew Dennis Luzi, Warren, Mich.
Richard Easton Lyle, Cincinnati
David Wayne Majore, Woodfield
Bruce William Marks, Shaker Heights
Edward John Maurer, Detroit, Mich.
Nicholas Dean Maxson, St. Paris
Thomas David McConnell, Mingo Junction
Wayne Clayton McLaughlin, Beliefonteaine
Robert William Mens, Toledo
Robert Lynn Meyer, Rocky River
Daniel Kirwan Miller, Lima
Richard Gerald Milligan, Marion
Kenneth Taylor Misener, Niles, Ill.
Simon Benjamin Mierac, Skokie, Ill.
Richard Lee Montgomery, Mt. Vernon
Robert Emerson Moody, Marion
Gary Michael Mooney, Columbus
George Allen Morales, Lakewood
Todd Robert Morris, Columbus
Leon K Muier, Dayton
Daniel Nabonne, Ajaccio, France
Craig Olin Newman, Troy
Timothy Allen Oliver, Versailles
John Herman Oli, Dayton
Larry Wayland Ondick, Parma
Myron Wallace Osborne, Ill.
Bay City, Mich.
Gary Lloyd Parker, Sertuin, Pa.
Larry Ellis Penix, Canton
Charles Thomas Pohlabel, Lima
Dean Alan Pokrandt, Columbus
Richard Brooks Ramer, Piqua
Susan Marie Reiber, Vermilion
Thomas Davis Reynolds, Columbus
John P. Roche, Newark
Steven Elliot Rosenbaum, Clifton, N. J.
James Joseph Schmidt, Akron
Gregory Joseph Schuler, Trenton, N. J.
Donn McCoy Schumaker, Columbus
John Joseph Sherwood, Homestead
Larry Leslie Simpson, Canton
Michael Spurlock, Dayton
Tony Joe Stevick, Lima
Daniel Joseph Tague, Columbus
Holly Thomas, Chattanooga, Tenn.
Charles Thomas Tull, Dayton
Charles Emerson Turvy, Dayton
Charles Donald Tyndall, Newark
Stanly Phillip Vanlandingham, Cincinnati
Thomas Peter Warner, Akron
David Horace Watkins, Valdosta, Ga.
Miriam Kay Myers Weigler, Loudonville
Thomas Lee Wernecke, Columbus
Nanci Nixon Whiteman, Mansfield
Patrick Joseph Williamson, Columbus
Russell Wayne Wright, Forest
Douglas Earl Young, Loudonville
Abdulwahab Ahmad Zayami, Bahrain
Stephen Kalman Zygmont, West End, N. J.

School of Social Work
Bachelor of Science in Social Welfare
Eighteen candidates
Barbara Arrowsmith Agena, Westerville
John Drake Ambrosio, Kettering
Oneta E. Bradford, Columbus
Donna Marie Burke, Cleveland
Christine Hall Carr, Toledo
Cheryl Lynn Denton, Westerville
Doreen Ann Helias, North Brunswick, N. J.
George James Kostura, Chagrin Falls
Donald Jeffery Latta, Columbus
Susan Louise Lowrie, North Olmsted
Deborah Louise Mudrack, Westerville
James David Oppermann, Bluffton
Mark Eugene Orf, Columbus, S. C.
Karen Ann Shigley, Marion
Cynthia Ann Smale, Delaware
Charlotte Juanita Stanford, Dayton
Alexandra Cycoy Terry, East Liverpool
Mary Judith Porter Tolles, Greensboro, N. C.
Bachelor of Science in Agriculture
Thirty-nine candidates

Roger Dale Alderman, Powell
Thomas John Andrews, Beach City
Bruce Martin Armstrong, New Carlisle
Donald Anthony Bihl, Wheelersburg
Henry Michael Blubaugh, Danville
James Gregory Clark, Lima
Robert Charles Dockworth, Jr., Columbus
John William Francis, Fremont
Donald Edward Hair, Miami, Fla.
Timothy Allen Harman, Uniontown
James Michael Heilman, New Carlisle
William Joseph Hoffman, Prospect
Deborah Lynn Okerlund Houck, Johnstown
Steven Albert Hunziker, Millersport
Deryl Alan Johnston, Bellbrook
George Lynn Keep, Coshocton
John Greene King, Fleming
William Henry Klingler, Jr., Newark
Alvin Addison Kolp, Fort Recovery
Bruce Robert Lanich, Dayton
Nancy Jane Lloyd, Youngstown
John Conrad Miller, Columbus
James Albert Mitchell, Springfield
Richard Layne Myers, Alliance
Jeffrey George Nameeth, Youngstown
Thomas Werner Richards, North Canton
Robert Loren Roberts, Hilliard
Mark Elliot Roseman, Rockaway Park, N. Y.
Douglas Charles Sauer, Wapakoneta
Timothy Harlan Schoonover, Worthington
Gary Stephen Sweet, Endwell, N. Y.
Steven Dean Thomson, Dayton
James Witteman Trapp, Columbus
Steven Douglas Urely, Cardington
Reed Curtis Varian, Canton
James Bentley Wayman, Jr., Waynesville
Mark Thomas Weaver, Dayton
Barbara Victoria Wells, Findlay
Roy C. Wittlich, Glendale, N. Y.

Bachelor of Science in Dairy Technology
One candidate

Donald Eugene Greenlee, Bridgeport

School of Home Economics
Bachelor of Science in Home Economics
Forty-three candidates

Bonnie Sue Beck, Clifton
Mary White Beittel, Columbus
Sue Ellen Bell, Mt. Perry
Connie Marlor Birnbbaum, Cincinnati
Patricia Ann Brown, Powhatan Point
Mary Lou Burton, Marion
Shirley Jean Cook, Attica
Maureen Anne Dempsey, Columbus
Vickie Knickel Dutt, Marion
Dorrie Adams Emmons, Strongsville
Barbara Carole Galbraith, Columbus
Ruth Hartman Henney, Mansfield
Carol Lynn Hoch, Prospect
Edith Scott Hoffman, Columbus
Linda Jane Hulaney, Kettering
Joanne Louise Jolliff, Columbus
Julie Lynn Kinser, Mayfield Heights
Donna Ann Kreel, Seven Hills
Kathryn Ann Lafferty, Columbus
Nancy Eicher LeRoy, Fairfax
Mary Jane Magill, Dayton
Valerie May, Circleville
Deborah Booth McKnight, Columbus
Dorcas May Miller, Lexington
Mary Margaret O'Brien, Fairborn
Barbara Jean Ofrenzo, Columbus
Kirsten Lindquist Ohle, Columbus
Christine Workman Phillips, Canfield
Vija Veldre Puns, Marion
Kathleen Louise Rizer, Springfield
Peggy Ann Rohde, North Olmsted
Denise Christine Russo, Winchester, Mass.
Miriam Rose Schreiber, Southampton, Pa.
Martha Hart Sinkhorn, Kettering
Diane Buckenmeyer Smith, Swanton
Nancy Elliott Strong, Milford Center
Claudia Cramer Tufano, Mansfield
Tamara Ann Unverferth, Kalida
Tamara Berthone Wegner, Westerville

Janet Elaine Wilkins, Worthington
Linda Kay Wright, Newark
Terry Ann Wynd, Worthington
Catherine Bowden Yarmak, Mt. Vernon
College of Dentistry
Dean: John R. Wilson

Doctor of Dental Surgery
Four candidates
Robert Clark Ankerman, Wapakoneta
Andrew Klenstic, Jr., West Richfield
Michael George Marks, Middletown
David Gene Miller, Zanesville

Bachelor of Science in Education
Two hundred and ninety-four candidates
Susan Marie Adornetto, Cleveland
John William Alden, Columbus
Catherine Jones Allen, Youngstown
Stuart Lee Appelbaum, Cleveland
John Lee Armstrong, Galloway
Donald Lynn Arnold, Killbuck
Ann Seabright Axner, Lakewood
Robert Edward Berlin, Columbus
Michael Eugene Berry, Columbus
Allen Burton Binekley, Newark
Anthony Francis Bisaro, III, Columbus
G. Brent Bishop, Columbus
Judith Presser Blott, Cleveland Heights
Susan Phane Bodie, Newark
Frederick Wayne Bourgeois, Columbus
Carolyn Veenoy Bradley, Blacklick
Marsha Hughes Bradley, Columbus
Bonnie Louise Bright, Dayton
Wesley David Bronfenb, McKeen Rocks, Pa.
Marsha Brown, Miami, Fla.
Monica Lee Buerkel, Columbus
John Robert Burchinal, Columbus
Linda Herdman Burns, Worthington
Sally Hart Bushong, Delaware
Shirley Anne Calviage, Delphos
Christine Elaine Cardasis, Lorain
Victoria Savko Carpenter, Columbus
Robert Eugene Carroll, Columbus
Linda Kay Cartwright, Springfield
Ruth Jean Catlin, Westerville
Ronald Wade Catron, Massillon
Barbara Ann Chambers, Grove City
James Mitchell Cleamons, Columbus
Elizabeth George Cole, Columbus
Pamela Sue Conaghan, Lima
Rosanne Keller Conley, Shelby
Michael Craig Cooper, Columbus
Melody Aline Cornett, Columbus
Daniel Edward Cochran, Columbus
David Samuel Cromer, Sandusky
Anita Pauline Culver, Galena
John Edward Cummings, Jr., Cincinnati

College of Education
Dean: Luvern L. Cunningham

Bachelor of Science in Education
Kathryn Lydia Danku, Mansfield
John Watson Davis, Columbus
David Arthur Demmer, Columbus
Susan Lang Dickinson, Kettering
Barbara Swoney Diebler, Bucyrus
Glenn Lewis Diebler, Bucyrus
Reed Kenneth Dils, Kettering
B.S. in Agr.
Lindy Niemann Doles, West Milton
Rosemary Stevenson Dorff, Westerville
Michele Faith Dremer, Mayfield Heights
James Marshall Dresser, Fairview Park
Judith Louise Eastman, Marion
David Nicholas Eickolt, Delphos
Mary Margaret Elkin, Mt. Gilead
Robert Lewis Ellis, Mansfield
Diane Langley Farahay, Galion
Wendell Eugene Farley, Newark
Charlotte Mills Farrer, Columbus
Daniel Thomas Fay, Galion
Maureen Brightman Feinstein, Rochester, N. Y.
Sherry Louise Feitz, Rocky River
Judy Elaine Feiman, Dayton
Beverly Jean Ferrall, Marion
Michael Jay Feyh, Columbus
William Allen Finley, Columbus
Linda Sue Fischer, Circleville
Patricia Sue Fiste, Dayton
Linda Kay Finkler, Galion
Connie Fletcher, Sylvania
Abasok Thomas Forshey, Columbus
Ariades Roy Fourman, Columbus
Carolyne Kathleen Frankel, Westerville
Andrew D. Franklin, Queens Village, N. Y.
Janet Anne Franklin, Little Rock, Ark.
Elizabeth Madre Frost, Columbus
Jean Irene Fulton, Columbus
Mary Louise Gassner, Logan
Cheryl Ann Bayer Gavlas, Martinsburg, W. Va.
Ellen Lynn Getelman, Mt. Vernon, N. Y.
Patricia Mangan Gifford, North Olmsted
Kim Terri Goulder, Cleveland
Gail Ann Gracik, Malverne, N. Y.
Sandra Elaine Green, Cleveland
Barbara Rita Greenberg, Shaker Heights
Keith Allan Groff, Columbus
Ann Gertrude Grubbs, Los Angeles, Calif.
Karin Corrigan Hamilton, Marion
Karen Rae Hansen, Kettering
Constance Lee Harger, Maple Heights
Carol O'Neal Hartley, Edison
Connie Sue Harvey, Wilmington
Teresa Flahive Head, Delaware
John Gale Heck, Gahanna
William Robert Heckman, Lima
Ralph Michael Hodges, Solon
Deborah Lou Hell, St. Marys
Bernard John Hickey, Delphos
Nancy Jo Hildebrand, Cardington
William Milton, Columbus
Jane Elizabeth Hodge, New Carlisle
Madeline Deighton Holt, London
Katherine Pound Hooge, Newark
Jacquelyn Kay Hornbeck, South Vienna
Nancy Katherine Huntsman, Columbus
Ellen Lynne Irwin, Youngstown
Sarah Alice Jackson, Marion
Ruth Elizabeth James, Marion
Michael Morris Janton, Columbus
John Paul Jarvis, Columbus
Dan Frederick Johnson, Columbus
Janet Cass Johnson, Mt. Gilead
Victoria Gatwood Johnson, Columbus
William Burger Johnson, Columbus
Gary Eugene Joliff, Marion
Gerald Craig Juniper, Newark
Richard Paul Kaplan, Mayfield Heights
Judith Ann Kassouf, Beloit
Cheryl Eileen Kaufman, Akron
Elizabeth Clark Kazee, Caledonia
Deanna Virginia Kelley, Columbus
Patricia English Keiting, Cleveland
Rosemary Kuffing Kennedy, Columbus
Jonathan Richard Kerr, Cleveland Heights
Barbara Gae Kesselring, Tallmadge
Kathleen Yvonne Kimmel, New Brighton, Pa.
Linda Suzanne King, Dayton
Linda Silverthorne Kucalba, Toledo
June Williams Kuhn, Bucyrus
Gwendolyn Lois Lane, Columbus
Suzette Elizabeth Latham, Newark
Shirley Hambel Layton, Columbus
Constance Jo Leedy, Gallipolis
Sally Hood Leslie, Columbus
Elizabeth H. Levy, Lorain
Linda B. Lewis, Dayton
Gail Marie Lingert, Cincinnati
Diane Marie LiPuma, Cleveland
Beatrice Livingston, Chicago, Ill.
Susan Bowen Luck, Columbus
Mary Frances Lucino, Columbus
Dana Marie Lutz, Columbus
Pamela Sue Lyons, Ironton
Gary Dennis Madden, Reynoldsburg
Alice Outland Maier, Huntsville
Valerie Gluck Markowitz, Cleveland
Richard David Marlet, Cleveland
Ned Millington Maxwell, Columbus
Sharyl Davis McCaull, Dayton
Karen Karstetter McCann, Youngstown
Rebecca Lou McDowell, Columbus Grove
Larry Dean McCadden, Bellefontaine
Molly Grove McKnight, Columbus, B.A., M.B.A.
James Thomas Mcloughlin, Columbus
Judith Howard McMahon, Columbus
Sandra Kay McManus, Cambridge
Jean Dalzell McVicar, Mansfield
Bonna Lee Meagher, Newark
Bette Speziale Miller, West Hartford, Conn.
Jane Sowech Miller, Huron
Christine Kae Moening, Lima
Joseph Montgomery Moore, Tiffin
Karen Porter Morrison, Johnstown
Georgia Ann Mowery, Lima
Ann Troke Myers, Sandusky
Joan Lamoreaux Myers, Mt. Gilead
Carolyn Pennington Noble, Plain City
John William Noe, Jr., Trotwood
Lois Katherine Noll, North Ridgeville
Terrell Anne Northrup, Rocky River
Bonnie Ann Ogders, Columbus
Judith Stuchel O'Keefe, Columbus
Anne Fleming Orahoud, Prospect
Annette Marie O'Rourke, Columbus
Susan Edith Osborn, Bay City, Mich.
Geraldine Nan Paige, Columbus
Eddie Lewis Parks, Columbus
Anne Fleming Pembroke, Prospect
Annette Marie O'Rourke, Columbus
Susan Edith Osborn, Bay City, Mich.
Geraldine Nan Paige, Columbus
Eddie Lewis Parks, Columbus
David Jon Partington, Newark
Marilynn Anne Perko, Euclid
Colette Hed Peterson, Mt. Sterling
Carole Ann Phillips, Columbus
Cathy Salt Poppell, Columbus
Tinka Sletke Powell, Trotwood
Brenda McCoy Pritham, East Liverpool
Paula Blanche Prichard, Hilliard
Janice Lynn Proftant, Lorain
Robert Morgan Ransom, Columbus
Clarence Edward Reaving, Columbus
Sarah Scott Reed, Mansfield
Paul Allen Resnik, University Heights
Kathleen Frances Reynolds, Columbus
Linda Jean Richard, Mansfield
Linda Baskind Rosenberg, Chicago, Ill.
Susan Rosner, South Euclid
Donna Jean Rossi, Lima
Priscilla Cooke Routh, Columbus
Paula Jean Rubin, Beachwood
Michael Rustinko, Jr., Columbus
Lehora Louise Russell, Toledo
William Craig Rutledge, Portland, Conn.
Daniel CODY Ryan, Columbus
Barbara Elizabeth Salvatore, Columbus
Linda Kay Schamber, Mansfield
Maxine Cunningham Scott, Coshenot
Georgia Louise Seaton, Shelby
Linda Louise Seaton, Marion
Karen Anne Seifert, Mansfield
Elizabeth Ann Shaffer, Ashland
Sevie Rae Shar, Columbus
Nancy Epplow Shaw, Stockport
Robert Wayne Shaw, Lima
*Frances Kay Shawhan, Mingo Junction
Vivian Sue Shellist, Miami Beach, Fla.
Diana Cochran Sheridan, Cincinnati
Marilyn Kay Sherman, Cleveland Heights
*George Weston Shoenaker, Columbus
Barbara Rose Silver, Canton
Anne Cheryl Slane, Columbus
Frederick Lee Smith, Newark
Jessica Faye Smith, Ypsilanti, Mich.
John David Smith, Lucasville
Pamela Edythe Smith, Cleveland
Susan Isabel Strider, Lakewood
Sharon Iris Solomon, Akron
Nancy Rose Spitzer, Cleveland
Deborah Latshaw Steller, Columbus
* Also Bachelor of Arts, College of the Arts and Sciences
College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

One candidate

'David Allan Randall, Dayton

Bachelor of Science in Aeronautical and Astronautical Engineering

Eight candidates

Dennis Paul Brees, Hialeah, Fla.
George David Carpenter, Lima
Jon Michael Cerneck, Sandusky
'Larry Alva Johnson, Oleana
Hans Fritz Wilhelm Maertins, Shelby

Stephen Donald Smith, Dublin
Kirk Thomas Westervelt, Westerville
Michael John Williamson, Lockport, N. Y.

Bachelor of Science in Agricultural Engineering

Two candidates

Daniel John Blatter, Hebron
Thomas Gram Brosie, New Carlisle

Bachelor of Ceramic Engineering

Two candidates

'William Alan Poolos, Waverly
John Thomas Randall, Portsmouth

Bachelor of Chemical Engineering

Six candidates

'Darryl Robert Conner,
Beaver Falls, Pa.
Michael Anthony Curran, Belleaire
Joseph James Fair,
New Philadelphia

David Russell Miller, South Euclid
James Francis Roff, Mandan, N. D.
Roy Shankai Yang,
Kowloon, Hong Kong

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

1 Also Master of Science, Graduate School
Bachelor of Science in Chemical Engineering
Six candidates
Richard Lewis Baker, Freeport
Thomas Joseph Jere, Lorain
Karen Louise LaFertry, Shelby
Thomas Lombardo, Columbus
William Edwin Pritchard, Circleville
Francois Song, Wilkes-Barre, Pa.

Bachelor of Civil Engineering
One candidate
Richard Harry French, Chillicothe

Bachelor of Science in Civil Engineering
Ten candidates
Joseph Charles Boocher, Tipp City
Larry Lee Cole, Columbus
Robert Lee Eaton, Columbus
James Middleton Head, Westerville
Bruce Alan Henz, Parma Heights
Anthony Craig Hurless, Donelson, Tenn.
William Henry Lutz, Nankin
Richard David Paddock, Galloway
Jerry Allen Reiniger, Columbus

Bachelor of Science in Computer and Information Science
Twelve candidates
Joseph Steven Fransky, Palmeresville
Ben Howard Franz, Columbus
Mark Harris Gross, Little Neck, N. Y.
Stephen Russell Hall, Dayton
Vincent Paul Kazmer, Waukegan, Ill.
Herbert Edwin Marine, Gallion
Terrance Robert Moore, Wooster
John Lee Morrow, Wellston
Mark Timothy Neibert, Berkeley Heights, N. J.
Kenneth Leslie Okeson, Cherry Hill, N. J.
William Dale Van Schoeyck, Jr., St. Marys

Electrical Engineer
One candidate
Norman John Leck, Columbus
B.S.E.E. (University of Toledo)

Bachelor of Electrical Engineering
Two candidates
*John Mathew Barton, Waynesfield
*Barbara Ann Olszewski, North Royalton

Industrial Engineer
One candidate
Terry Dale Oates, Chagrin Falls
B.S.I.E.

Bachelor of Industrial Engineering
Two candidates
*John Daniel Au, Lucas
Michael George Hartman, Reading

Bachelor of Science in Industrial Engineering
Six candidates
Robert Baxter Belz, Berea
Steven Samuel Cohn, Shaker Heights
Jerald Lynn Duff, Willshire
William Roy Griffith, Hebron
Stephen Russell Hall, Dayton
Brett Alan Thompson, Copleton

Bachelor of Science in Mechanical Engineering
Eight candidates
Michael Lynn Anderson, Bluffton
Phillip Bruce Bohl, Wooster
Dennis John Clark, Lima
Clark E. Llewellyn, Marietta
Daniel Robert Otto, Uhrichsville
Thomas Edward Patterson, Waverly
Michael Sau Mun Seto, Honolulu, Hawaii
Thomas Larry Swain, Columbus

Bachelor of Metallurgical Engineering
Two candidates
Carl Joseph Cron, Albuquerque, N. M.
David Richard Fredericks, Worthington

Bachelor of Science in Engineering Physics
Three candidates
Stanley David Frey, Carrollton
Larry Melvin Lowry, Plain City
Lawrence Phillip Williams, Columbus

Bachelor of Welding Engineering
Four candidates
Charles Thomas Daft, Bryan
Dorwin James Estler, Van Wert
Walter Richard Gockel, Chagrin Falls
*Glenn Lawrence Mara, Columbus

School of Architecture
Bachelor of Science in Architecture
One candidate
Marc Fredrick Kern, Southfield, Mich.

* Also Master of Science, Graduate School
1 Also Bachelor of Science in Industrial Engineering, College of Engineering
2 Also Bachelor of Science in Computer and Information Science, College of Engineering
College of Medicine  
Dean: John A. Prior, M.D.

Doctor of Medicine  
Two candidates  
John Jerome Hochwalt, Kettering  
B.S. (University of Dayton)  
Roger Lee Smoke, Alliance  
B.S. (Mount Union College)

Bachelor of Science in Physical Therapy  
One candidate  
Patricia Wolfert Custer, Parma

School of Allied Medical Professions

Bachelor of Science in Medical Illustration  
One candidate  
Rosalind Adele Hagerman, Kettering

Bachelor of Science in Medical Technology  
Four candidates  
Shirley Ann Coxson, Warren  
B.S. (Miami University)  
Perdeana Mae Kubu, West Mansfield  
Kathleen Jean Lewis, Columbus  
Leah Littmann, Cleveland

Bachelor of Science in Occupational Therapy  
Two candidates  
Theodore William Becker, Jr.,  
B.A. (Ohio Dominican College)  
Ellen Goldhammer Cohn,  
Shaker Heights  
Linda Kay Dean, Brice  
Debra Jean Kwes, Louisville  
Jeanne Marie Heffren, Parma  
Patricia Taylor Holman, Warsaw  
Cheryl Sharp Hoar, Millersport  
May Bradby Jackson, Bridgeport, W. Va.  
Linda Custis Land, Sabina  
Barbara Jean Langewisch, Warren  
Gail Elaine Lash, Bridgeport  
Patricia Marie Martin, Defiance  
Susan Overstreet Michelman, Cleveland  
Janet Jean Nagler, East Meadow, N. Y.  
Mercie Dunfee Normand, Westfield, N. J.  
Constance Joyce Porter, Salem  
Elaine Carol Smith, Kinsman

Certificate of Post Baccalaureate Medical Technologist  
Two candidates  
James Louis Favret, Jr., Columbus  
B.S. (Ohio Dominican College)  
Martha Ann Waiz, Mt. Vernon  
B.A. (Miami University)

Certificate of Nurse Anesthetist  
Three candidates  
Lois Shepler Gander, Newark  
Charlene Joyce Mason, Marengo  
Patricia Crossley Staley, Lima

Certificate of Post Baccalaureate Physical Therapist  
Twelve candidates  
Louise Lynam Chan Amrine, Cleveland  
B.S.  
Donna Marie Archer, Masury  
A.B. (Youngstown State University)  
Kathleen Ellen Bloomberg, Struthers  
B.A. (Miami University)  
Merlene May Cross, Bedford  
B.S.  
Patricia Louise James, Canton  
B.S. (Bowling Green State University)  
Robert Michael Kautner, Toledo  
B.A. (University of Toledo)  
Richard Duane Null, Gallipolis  
B.S. (Rio Grande College)  
Carla Wifaker Pennebaker, Carroll  
B.S. (Ohio University)
Graduates with Honors

Summa Cum Laude

Joan Hefflinger Baden, Comer City, Fla.
Gregory William Blaine, Toledo, Ohio
William Randall Edwards, Worthington, Ohio
Radford Vincent Ewing, Tiffin, Ohio
Diane Langley Farhuy, Galion, Ohio
Janet Kay Fender, Columbus, Ohio
Richard Harry French, Chillicothe, Ohio
Kathleen Sue George, Parma, Ohio
Janet Hayes Goldsmith, Trumbull, Conn.
William Roy Griffith, Hebron, Ohio
Anne Quinn Hale, Worthington, Ohio
Michael George Hartman, Reading, Ohio
William Lawrence Hoy, Columbus, Ohio
Charles Courtland Huber, Jr., Bourbonnais, Ill.
May Bradley Jackson, Bridgeport, W. Va.
Barbara Gae Kesselring, Tallmadge, Ohio
Diane Louise Magary, Akron, Ohio
John Lee Morrow, Wellston, Ohio
Barbara Jean Ofrenzo, Columbus, Ohio
Charles Edward Carter, St. Paris, Ohio
Shirley Anne Calvelage, Delphos, Ohio
Douglas Kenney Chapman, Port Clinton, Ohio
David Richard Freddicks, Worthington, Ohio
Linda Suzanne King, Dayton, Ohio
Arthur Granville Loeffler, Columbus, Ohio
Deborah Deen Madden, Fairview Park, Ohio
Glenn Lawrence Mara, Columbus, Ohio
Bruce William Marks, Shaker Heights, Ohio
Jack Simon Meizlish, Columbus, Ohio
Bette Speziale Miller, West Hartford, Conn.
Paul Alan Miller, Westerville, Ohio
Stephen Douglas Miller, Kettering, Ohio
Georgia Ann Mowery, Lima, Ohio
Mercie Dunfee Normand, Westfield, N. J.
Barbara Ann Ohszewski, North Royalton, Ohio
Myron Wallace Osborn, III, Bay City, Mich.
William Alan Poolos, Waverly, Ohio
David Allan Randall, Dayton, Ohio
John Thomas Randall, Portsmouth, Ohio
Eileen Lucile Roberts, Columbus, Ohio
Frances Kay Shawhan, Mingo Junction, Ohio
Ronald Karam Sheban, Youngstown, Ohio
Stephen Donald Smith, Dublin, Ohio
James Michael Sproule, Dayton, Ohio
Dale Lyon Stowe, Cincinnati, Ohio
Mary Garvin Stover, Columbus, Ohio
Susan Miller VanAusdal, Columbus, Ohio
Tamara Berthone Wegner, Westerville, Ohio
Lawrence Phillip Williams, Columbus, Ohio
Kate Pratt Wencott, Columbus, Ohio
Sylvia Templeton Workman, Newark, Ohio
June Audrey Yeager, Medina, Ohio
Douglas Earl Young, Loudonville, Ohio
Patricia Sanders Young, Marion, Ohio

Cum Laude

Leopold Anthony Avallone, Lowville, N. Y.
Judith Presser Blott, Cleveland Heights, Ohio
Thomas Whiteford Boeker, Toledo, Ohio
Thomas Gram Broezy, New Carlisle, Ohio
Charles Edward Carter, St. Paris, Ohio
Shirley Anne Calvelage, Delphos, Ohio
Douglas Kenney Chapman, Port Clinton, Ohio
David Richard Freddicks, Worthington, Ohio
Luther Gregory Harrington, Columbus, Ohio
Carol Josephine Hoying, Dayton, Ohio
Cynthia Friedman Johnson, Greenfield, Ohio
Larry Alva Johnson, Okeana, Ohio
Helene Sharon Kasavan, Dayton, Ohio
Carol Lee Kimbrough, Sacramento, Calif.

Cum Laude and with Distinction in Accounting

Thomas Loren Klieg, Oshkosh, Wis.

Cum Laude and with Distinction in Latin and Ancient History

Roberta Bender Elliott, Oxon Hill, Md.

Cum Laude and with Distinction in Journalism

Julia Lou Osborne, Columbus, Ohio
Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, James W. Shocknessy, in a special meeting on Friday, July 30, 1971, at 3:00 p.m.


* * *
July 30, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that the Consultative Committee to Advise in the Selection of a President met on July 15, 1971, and adopted criteria to be used in the search for a President as well as the nomination forms. Mr. John G. Ketterer, Chairman of the Committee, subsequently held a press conference on July 22, 1971, in which these criteria and the nominating procedure were announced to the public.

B. Speakers

In line with the policy established at the June meeting in regard to speakers appearing before the Board, Mr. Shocknessy said that no requests had been made to appear before this meeting of the Board.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Provisional University Budget for Fiscal Year 1971-1972

President Fawcett made the following comments pertaining to the budget for fiscal year 1971-1972:

As I indicated at the last meeting of this Board on July 2, I had hoped at that time to present the University's budget for 1971-1972 for your consideration. Because the General Assembly had not acted upon our appropriation, however, I recommended that the Board defer budget action at that time and schedule a special meeting today for such action. You will recall that this date was selected because it was the very latest date possible for such action before we must meet our July payroll and start our Autumn Quarter registration process. This registration process must be preceded by any necessary fee adjustment which, in turn, is directly related to the University's budget.

Therefore, since it is not possible for the University to defer the many decisions that directly relate to the budget, I am proposing the adoption by this Board of a provisional University budget based upon my estimate of the minimal University needs for the coming year.

In developing this budget we were fully mindful of the specific appropriation levels currently being discussed by the General Assembly as well as what, in our judgment, is the most probable level of fee increase necessary to balance a continuation budget which, of course, will not provide funding for new programs.
July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

President Fawcett's statement (continued)

The budget as presented, totaling $253,966,213, is in my judgment, an austere one and represents but a 5.5% or $13,388,779 increase over last year to meet mandated and other salary costs, the continuing inflationary pressures, and the additional costs resulting from the stabilization of enrollments with the greater numbers in higher-cost, upper division, graduate, and professional programs. Specifically, total enrollment will remain approximately the same at 46,000, but there will be about 900 fewer freshmen and 300 fewer sophomores, with a corresponding increase in the upper and more costly levels of instruction.

Our budget request level submitted last fall did not anticipate student fee increases. However, the present level of support under consideration by the legislature is approximately 19% under our request and mandates fee increases which were also recommended by the Ohio Board of Regents and the Governor. House Bill 475 legislates minimum graduate and professional fees for 1971-1972 of $400 per quarter for graduate students and $500 for medical students and a further increase of $100 for each of these categories the second year of the biennium. I have consistently opposed any substantial fee increase, and have so testified before the legislature. At this stage I can only hope that these levels presently suggested as minimums will be changed to maximums so that we will be permitted to implement the compromise level of $300 for the graduate and professional categories. The anticipated level of funding by the State as well as the action to date by the legislature both suggest that fee increases are required. The undergraduate Instructional Fee is to be raised to a level of $200 per quarter (an increase of $30) and the graduate and professional Instructional Fee raised to $260 per quarter, effective Autumn Quarter, 1971. I am proposing that the General Fee which applies to all student categories remain at $40 per quarter. In combining these two fees this means that I am requesting the establishment of an undergraduate resident fee level of $240 per quarter and, similarly, a graduate and professional fee level of $300 per quarter.

Correspondingly, the instructional and general budgets increase but 5.6% or $6.4 million. The major component of $5.4 million is allocated for personnel services amounting to a 6.5% increase for classified personnel as mandated by State law and a 4.1% average faculty salary increase. The increase for classified personnel does not provide for additional increases presently being considered in the General Assembly. However, it is assumed that this University will be provided with resources to accommodate additional increases mandated by the General Assembly.
I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

This provisional budget is a sound though minimal one. It attempts to make the best estimate of some currently undefined factors and yet allows us to continue quality education. It is also intended to be fully mindful of costs to students and their parents as we attempt to meet the rapidly increasing costs of living for our valued faculty and staff members. It has also some built-in safety to protect against modest modifications downward in our appropriation but obviously not without severe implications to our educational programs.

And finally, I should like to point out that we believe that through the preparation of program budgets which are responsive to planning and missions, we can continue to best develop quality education and at the same time assure the highest quality educational program for the dollar expended.

President Fawcett proposed that the Board adopt a provisional University budget for the fiscal year 1971-1972 which will support the following expenditures listed by major category:

Budget for the 1971-72 Fiscal Year

<table>
<thead>
<tr>
<th>General Budgets</th>
<th>Estimated 1970-71</th>
<th>Budgeted 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Services</td>
<td>$88,837,028</td>
<td>$94,303,748</td>
</tr>
<tr>
<td>Operating and Equipment</td>
<td>$19,708,245</td>
<td>$19,962,396</td>
</tr>
<tr>
<td>All Other</td>
<td>$7,713,248</td>
<td>$8,453,369</td>
</tr>
<tr>
<td>Total</td>
<td>$116,258,521</td>
<td>$122,719,513</td>
</tr>
<tr>
<td>Regional Campuses</td>
<td>$4,485,913</td>
<td>$4,621,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restricted Budgets/Expenditures</th>
<th>Estimated 1970-71</th>
<th>Budgeted 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endowments</td>
<td>$1,115,000</td>
<td>$1,115,000</td>
</tr>
<tr>
<td>Federal Grants/Contracts</td>
<td>$16,391,000</td>
<td>$16,885,000</td>
</tr>
<tr>
<td>Ohio Grants/Contracts</td>
<td>$1,725,000</td>
<td>$1,900,000</td>
</tr>
<tr>
<td>Private Gifts/Grants</td>
<td>$3,800,000</td>
<td>$3,800,000</td>
</tr>
<tr>
<td>Research Foundation</td>
<td>$17,000,000</td>
<td>$18,500,000</td>
</tr>
<tr>
<td>Other</td>
<td>$2,616,000</td>
<td>$2,721,700</td>
</tr>
<tr>
<td>Total</td>
<td>$42,647,000</td>
<td>$42,921,700</td>
</tr>
</tbody>
</table>
July 30, 1971 meeting. Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

<table>
<thead>
<tr>
<th>Rotary and Auxiliary Budgets</th>
<th>Estimated 1970-71</th>
<th>Budgeted 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooperative Extension</td>
<td>$10,066,000</td>
<td>$10,650,000</td>
</tr>
<tr>
<td>University Hospitals</td>
<td>35,800,000</td>
<td>39,530,000</td>
</tr>
<tr>
<td>University Dormitories</td>
<td>14,357,000</td>
<td>15,185,000</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>3,650,000</td>
<td>4,040,000</td>
</tr>
<tr>
<td>Departmental Earnings</td>
<td>4,250,000</td>
<td>4,858,000</td>
</tr>
<tr>
<td>University Services</td>
<td>2,100,000</td>
<td>2,200,000</td>
</tr>
<tr>
<td>All Other</td>
<td>6,963,000</td>
<td>7,241,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$77,186,000</strong></td>
<td><strong>$83,704,000</strong></td>
</tr>
</tbody>
</table>

Grand Total                                       | **$240,577,434**  | **$253,966,213** |

The University Treasurer projects that these expenditures can be supported by the following sources of income:

Sources of Income for 1971-72 Budget

<table>
<thead>
<tr>
<th>Sources of Income</th>
<th>Estimated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Campus</td>
<td></td>
</tr>
<tr>
<td>State Subsidy - House Bill 477</td>
<td>$67,382,000</td>
</tr>
<tr>
<td>Less: Regional Campuses - R.C.C.</td>
<td>294,200</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$67,087,800</strong></td>
</tr>
<tr>
<td>Student Fees - Proposed</td>
<td>43,570,000</td>
</tr>
<tr>
<td>Other Unrestricted Income</td>
<td>15,395,032</td>
</tr>
<tr>
<td>Beginning Balance</td>
<td>1,115,750</td>
</tr>
<tr>
<td><strong>Carry Forward to 1972-73</strong></td>
<td><strong>(4,449,069)</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$122,719,513</strong></td>
</tr>
<tr>
<td>Regional Campuses - All Sources</td>
<td>4,621,000</td>
</tr>
<tr>
<td>Departmental Earnings</td>
<td>4,858,000</td>
</tr>
<tr>
<td>University Services</td>
<td>2,200,000</td>
</tr>
<tr>
<td>Auxiliary Operations</td>
<td>76,646,000</td>
</tr>
<tr>
<td>Restricted Funds</td>
<td>42,921,700</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$253,966,213</strong></td>
</tr>
</tbody>
</table>

(a) Represents Ohio Board of Regents recommended subsidy level as presented to the Ohio Senate Finance Committee less $294,200 reallocated to Regional Campuses for upper division credit course work taught on these Campuses.

It was recommended that the provisional budget as shown above be approved, subject to expenditure adjustments based upon modification in income. It was recommended further that detailed estimated resources and expenditures including the "Salary Roll" for the 1971-72 fiscal year be approved and incorporated by reference as well as for the fiscal years 1967 through 1971.
I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

And finally, it was recommended that upon passage of the University's State appropriation that the University budget be submitted to the Board for ratification.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Increase in the Instructional Fee

In support of the provisional budget of this University for fiscal year 1971-1972, revisions in the fee schedule will be required. A revised schedule is shown on the next page.

President Fawcett recommended that the attached fee schedule be adopted effective with the Autumn Quarter, 1971, subject to any modification which may be enacted by the 109th General Assembly and ratification by the Ohio Board of Regents.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing schedule of fees by unanimous roll call vote.

C. Residence Halls Room and Board Rates

The subsequent recommendations reference the action taken by this Board on June 11, 1970. The University desires to provide the advantages of an educational and living experience through the operation of residence halls and the payment of the costs thereof in conformity with the Bond Resolution adopted by this Board on April 8, 1957.

The cost of operating residence halls continues to rise. The 109th General Assembly will shortly mandate wage and salary increases for staff members in classified jobs within the residence halls and the food service. Because of the increased cost of personnel and increases in the cost of food, materials, supplies, utilities and contract services, it is necessary to adjust the residence halls rates. Also, in the interest of improved living conditions, it is anticipated that the occupancy of certain residence halls will be reduced.

Accordingly, on the basis of studies made by Vice President Carson, President Fawcett recommended that the schedule of rates for all residence halls included in the Bond Resolution referred to above and including such Housing Commission facilities as are used for residence halls, be made effective Autumn Quarter, 1971. The schedule of rates is as follows:
### Schedule of Student Fees, Effective Autumn Quarter, 1971

<table>
<thead>
<tr>
<th>College or School</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Science</td>
<td>$200</td>
<td>$40</td>
<td>$240</td>
<td>$350</td>
<td>$590</td>
</tr>
<tr>
<td>Agriculture and Home Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arts and Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Arts</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Humanities</td>
<td>200</td>
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<td>240</td>
<td>350</td>
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</tr>
<tr>
<td>Mathematics and Physical Sciences</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Education</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Engineering</td>
<td>200</td>
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<td>240</td>
<td>350</td>
<td>590</td>
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<tr>
<td>Graduate School</td>
<td>260</td>
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<td>350</td>
<td>650</td>
</tr>
<tr>
<td>Dentistry</td>
<td>260</td>
<td>40</td>
<td>300</td>
<td>350</td>
<td>650</td>
</tr>
<tr>
<td>Dental Hygiene</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Law</td>
<td>260</td>
<td>40</td>
<td>300</td>
<td>350</td>
<td>650</td>
</tr>
<tr>
<td>Medicine*</td>
<td>280</td>
<td>40</td>
<td>300</td>
<td>350</td>
<td>650</td>
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<tr>
<td>School of Allied Medical Professions</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>School of Nursing</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Optometry</td>
<td>260</td>
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<td>300</td>
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<td>650</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>260</td>
<td>40</td>
<td>300</td>
<td>350</td>
<td>650</td>
</tr>
<tr>
<td>University College</td>
<td>200</td>
<td>40</td>
<td>240</td>
<td>350</td>
<td>590</td>
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<tr>
<td>University Regional Campuses</td>
<td>190</td>
<td>25</td>
<td>215</td>
<td>350</td>
<td>565</td>
</tr>
</tbody>
</table>

Part-time students (those enrolled for six or less credit hours), shall be assessed one-half of the full fees. When fees are not evenly divisible, they shall be assessed to the next even dollar amount.

*With the change in the curriculum of the College of Medicine, effective July 1, 1970, all students enrolled in the Doctor of Medicine degree program will now pay fees in two installments, June 15 and December 15. The annual rate for such students for the 1971-72 academic year shall be $1,200 for resident students and $2,600 for non-resident students. This revised rate will be effective with the December, 1971, payment.
I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates (continued)

<table>
<thead>
<tr>
<th>Residence</th>
<th>Recommended Rates</th>
<th>Present Rates</th>
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</thead>
<tbody>
<tr>
<td>General Dormitories</td>
<td>$412 per quarter</td>
<td>$365 per quarter</td>
</tr>
<tr>
<td>Stadium Scholarship Dormitory</td>
<td>195 per quarter</td>
<td>165 per quarter</td>
</tr>
<tr>
<td>Jones Graduate Tower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Room</td>
<td>195 per quarter</td>
<td>195 per quarter</td>
</tr>
<tr>
<td>Double Room (each occupant)</td>
<td>165 per quarter</td>
<td>165 per quarter</td>
</tr>
<tr>
<td>Buckeye Village</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom Units</td>
<td>87 per month</td>
<td>87 per month</td>
</tr>
<tr>
<td>Two Bedroom Units</td>
<td>110 per month</td>
<td>110 per month</td>
</tr>
</tbody>
</table>

It was recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables in general conformity with the schedule of rates as established in the foregoing.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the above recommendations were approved by unanimous roll call vote.

D. Continuation of Realignment of Central Administrative Structure

President Fawcett made the following statement on the continuation of the realignment of central administrative structure:

Our academic and operating experiences during this past year have validated the central administrative structure realignment made a year ago and have also demonstrated a need to continue with administrative change consistent with our functional approach to University organization. Through a further functional realignment which is responsive to the needs of and talents within the University, I desire now to achieve a necessary flexibility in the Office of the President, to emphasize and reinforce the University-wide planning, monitoring, and evaluating functions, and to formalize operating committees for budgeting, missions, and planning.

Therefore, I propose to establish, effective September 1, 1971, the Office of Executive Vice President as well as new Offices of Finance and Treasurer, Personnel Services, and Planning, along with the existing Offices of University Budgets and Administrative Research and Systems under Executive Directorships. Such University-wide planning, monitoring, and evaluating offices operating within the proposed committee structure and coordinated by the two deputy Vice Presidents (Academic and Operating), the Executive Vice President, and the President will, I believe, provide immediate maximum input for analysis and decision-making while shortening time for reaction and
I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

President Fawcett's statement (continued)

implementation. Furthermore, these proposed principles of organization are within the spirit of and compatible with the Warren King Management Study.

The two new major University-wide committees, one for missions, chaired by the Provost and Vice President for Academic Affairs, and one for planning, chaired by the Vice President for Administrative Operations, along with the existing budget committee, chaired by the President, will function as policy-planning committees. The Office of the Vice President for Business and Finance, to be vacated by Mr. Gordon B. Carson, effective September 1, 1971, will be established in separate areas with the operating functions of Business Management, Physical Facilities, and University housing grouped under the Vice President for Administrative Operations and the areas of Finance and Treasurer and Personnel Services established as Executive Directorships.

President Fawcett recommended that the proposed organizational structure be approved and implemented according to the proposed chart of organization as shown on the following page.

Within this structure, I propose the following specific alignments in function:

1. The area of Finance and Treasurer be established as a newly created position of Executive Director of Finance and Treasurer, including the Offices of Accounting, Auditing, Bursar, Contracts, Controller, Insurance, Investments, Payroll, Property Acquisition, and Travel.

2. The University Architect be assigned to the Office of University Planning.

3. The University Discipline Officer be assigned to the Office of Public Safety with appeals to the Executive Vice President.

4. The area of Personnel Services be established as the position of Executive Director of Personnel Services.

5. That the Research Foundation report through the Office of University Development.
July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

6. The Mershon Auditorium be assigned to the College of the Arts.

7. The area of Admissions and Records be established as an operating unit under a Director of Admissions and Records, within the Office of the Vice President for Administrative Operations.

8. The area of Traffic and Parking be assigned to the Assistant Vice President for Business Management.

9. The Ohio Union and Drake Union (under construction) report to the Vice President for Student Affairs.

10. The Assistant Vice President for Business Management report to the Vice President for Administrative Operations and encompass the following operations and auxiliary enterprises: Printing Facilities, Bookstores, Purchasing, Receiving, Office Equipment Repair, Property Management, Stores, Inventory, Food Facility, Laundry, Mailroom, Transportation, and Traffic and Parking.

11. The area of Physical Plant, including Construction and Maintenance, be assigned as the Assistant Vice President for Physical Facilities, reporting to the Vice President for Administrative Operations.

12. The area of University Housing be assigned as Assistant Vice President for University Housing, reporting to Vice President for Administrative Operations.

13. The Administrative Systems Computer Center, under a Director, be assigned to the Vice President for Administrative Operations.

14. The Office of the Executive Vice President be established.

And finally, to implement the structure, I propose the following personnel assignments:

1. Edward Q. Moulton as Executive Vice President.

2. Bernard J. Lachner as Vice President for Administrative Operations.
July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

3. Ernest W. Leggett as Executive Director of Finance and Treasurer.


5. Richard H. Zimmerman as Executive Director of University Planning.

The following three personnel assignments which have been approved at previous meetings are noted at this time since they will now report within the area of Administrative Operations:

6. Joseph F. Medley as Assistant Vice President for Business Management.

7. Thomas B. Smith as Assistant Vice President for Physical Facilities.

8. John P. Nelson as Assistant Vice President for University Housing.

Upon favorable action on these recommendations and the commensurate authorization to make the necessary revisions in the Statutes, By-Laws, and Rules, I will proceed to implement the necessary actions as rapidly as possible to achieve this administrative structure.

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.

II. PERSONNEL CHANGES

A. Department Chairmen Designations

Appointment of the following persons to four-year terms as Department Chairmen, effective July 1, 1971 through June 30, 1975:

Agricultural Economics and Rural Sociology  David H. Boyne
Civil Engineering                  Russel C. Jones
East Asian Languages            Tien-Yi Li
Geography                        Edward J. Taaffe
Linguistics                      Michael L. Geis
Ophthalmology                    Torrence A. Makley, Jr.
Otolaryngology                  William H. Saunders
II. PERSONNEL CHANGES (continued)

A. Department Chairmen Designations (continued)

<table>
<thead>
<tr>
<th>Department</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pathology</td>
<td>Jack C. Geer</td>
</tr>
<tr>
<td>Physical Medicine</td>
<td>Ernest W. Johnson</td>
</tr>
<tr>
<td>Plant Pathology</td>
<td>Ira W. Deep</td>
</tr>
<tr>
<td>Radiology</td>
<td>Sidney Nelson</td>
</tr>
<tr>
<td>Theatre</td>
<td>John A. Walker*</td>
</tr>
</tbody>
</table>

Appointment of the following persons to four-year terms as Department Chairmen, effective October 1, 1971 through September 30, 1975:

<table>
<thead>
<tr>
<th>Department</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>Thomas R. Williams</td>
</tr>
<tr>
<td>History</td>
<td>Harry L. Coles</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Arnold E. Ross</td>
</tr>
<tr>
<td>Physics</td>
<td>E. Leonard Jossem</td>
</tr>
<tr>
<td>Sociology</td>
<td>Edward C. McDonagh*</td>
</tr>
</tbody>
</table>

\*Appointment previously approved.

Appointment of the following persons as Acting Chairmen:

<table>
<thead>
<tr>
<th>Department</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Education</td>
<td>Arthur D. Efland</td>
</tr>
<tr>
<td>English</td>
<td>John B. Gabel</td>
</tr>
<tr>
<td>Food Science and Nutrition</td>
<td>T. Kristoffersen</td>
</tr>
<tr>
<td>Romance Languages</td>
<td>David A. Griffin</td>
</tr>
</tbody>
</table>

President Fawcett recommended that the foregoing appointments of Department Chairmen and Promotions in Rank as recorded in the official "Salary Roll" of the University for 1971-72, as well as the previous fiscal years 1967 through 1971 be approved.

The Board of Trustees approved the appointments of Chairmen of Departments and Promotions in Rank as recorded in the official "Salary Roll" of the University for 1971-72, as well as the previous fiscal years 1967 through 1971 by unanimous voice vote.

Thereupon the meeting adjourned.

Attest:

Edward Q. Moulton
Secretary

James W. Shocknessy
Chairman
The Board of Trustees met at its regular monthly meeting on Thursday, September 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.


Minutes of the last regular meeting (July 2, 1971) and the special meeting (July 30, 1971) were approved.
September 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

A. Request to Speak

Mr. Jerry Rosenberg, a student at the University, requested permission to address the Board and since this request was made in the manner prescribed at an earlier meeting by the Board, it was granted. Mr. Rosenberg spoke in opposition to the passage of Rule 61.09, Control of Dogs and Other Animals, from the Rules for the University Faculty.

B. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that he had received a letter from Mr. John G. Ketterer, Chairman of the Search Committee, requesting that the date for submission of five names of potential presidential candidates be changed from November 12, 1971, to December 15, 1971. Mr. Shocknessy stated that unless there was expressed opposition, he would authorize this change in accordance with the request. There being no such opposition expressed, the Chairman so directed and requested the Secretary to inform Mr. Ketterer.

- o -

STATEMENT BY PRESIDENT FAWCETT
ON THE STATUS OF THE BUDGET

At our last Board meeting in recommending the adoption of a provisional University budget for this current year I indicated that as soon as our State support level was determined, I would bring this budget back to the Board for ratification and possible modification, depending upon the level of funding support provided by the State. During the past month, however, several events have occurred which have complicated further our budget situation. The recent establishment by the President of the United States of a wage and price freeze has additionally complicated this situation, and has raised questions concerning the fee structure which was adopted by this Board in July as well as the increased Residence Hall charges established for this current year in support of the provisional budget.

An increase in student fees has been inevitable ever since the first hearings on the appropriation for higher education took place. Likewise, the increase in Residence Hall rates was enacted following a year-long study of the Residence Hall system on which hearings were conducted in the Spring Quarter. A new system which was announced in the early summer encompasses a number of significant changes designed to improve the quality of life in these Residence Halls.

Since the wage and price freeze was announced, this University also froze all new appointments and expenditures until we could obtain clarification from the Cost of Living Council and establish internal control procedures to enable us to be responsive to this action. We have not as yet been able
to obtain the necessary clarification specifically with reference to fee increases and Residence Hall charges. With the opening of Autumn Quarter only about 3 1/2 weeks away, earlier this week we determined that we had no other alternative than to proceed with the fees and rates authorized by this Board, as well as complete our staffing and make such other expenditures as would enable us to provide educational programs for this coming year. If at some subsequent date it is ruled that we are in violation of the Executive Order, we will comply with such a determination and make the necessary adjustments.

In the meantime I should like to clarify one point of apparent confusion concerning the support level for this University presently being considered by the General Assembly. As was indicated when our provisional budget for this year was adopted, this University finds itself in a very tight financial situation. To provide adequate support for our present programs with no new programs and with only very modest increases in salaries and operating monies, reluctantly we found it necessary to adopt modest increases in student fees. Without these fee increases we simply cannot support our existing programs from the funds that will be available to us through the adoption of either the income tax or sales tax proposals now being considered by the General Assembly.

Finally, we are reviewing this situation on almost an hourly basis and as soon as it becomes clear what funding level we will be provided by the State and we are able to obtain the necessary rulings by the Cost of Living Council, it may be necessary to call a special meeting of this Board for the purpose of adopting a revised budget in support of this current year's operation.

Mr. Shocknessy:

Mr. President, I think you might reemphasize the fact that the student fee increases which we adopted in July were based upon the assumption that the Bill which was in the House at that time would be passed by the General Assembly. Without these fee increases there would be no possibility of supporting the budget which we adopted at that time.

President Fawcett:

When I brought the provisional budget to this Board in July, I included in the statement of estimated resources an appropriation from the State of $67,382,000 per year for each of the two years with no increase anticipated for the second year. With that level of support which had been reduced substantially from what our original request was, we had no other alternative than to adopt a slight upward modification in the student fee structure in order to balance the budget without weakening the educational program. The two proposals which have recently
appeared in the news media now seem to be aimed at a level which when extrapolated from higher education appropriations for this University would put our support either at about $65 million or $63 million, both of which levels per year are substantially less than the estimated appropriation which was included in the provisional budget. I make this point because the argument has been made that the freeze can save money, however, it would be a very small amount in our case because most of our people are on 12-month contracts and accordingly most have been paid at an increased rate since July 1. Consequently, it makes the whole fee problem and the financial problem even more critical than it was at the time we recommended the provisional budget to you. Thus, to support our educational program we must assess the fee increases as approved by this Board in July. If, however, at some subsequent date we receive a legal mandate to return to last year's fee levels, we will have no other alternative than to abide by such a decision even though such a fee reduction may result in a weakening of our educational program.

Mr. Shocknessy:

There is no justification for any statement to the effect that the fee increase would not be needed in the event of the adoption of either of the revenue proposals presently being considered in the General Assembly. The fee increase is necessary and the only thing which would require that we get along without it would be an interpretation of the Executive Order to that effect.

- o -

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Legal Designation of Appointing Authority for Civil Service Employees

In order to designate Madison H. Scott, Executive Director for Personnel Services, as the appointing authority for civil service employees, President Fawcett recommended that the Bylaws of the Board of Trustees and Rules for the University Faculty be amended to include the following:

The Executive Director for Personnel Services shall serve as the appointing authority for the non-instructional employees of the University pursuant to the provisions of Chapter 143, Revised Code of Ohio.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
September 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Naming of Theatre in Edward S. Drake Union

Upon the recommendation of the College of The Arts, and with the concurrence of the President's Cabinet, President Fawcett recommended that the theatre of the Edward S. Drake Union located at 1849 Cannon Drive be designated the "Thurber Theatre" in honor of James Thurber, class of 1917 of the University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

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

II. PERSONNEL CHANGES

Personnel changes since the July 2, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignation, Change in Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Resignation

Geoffrey Keller announced that he will resign from the Deanship of the College of Mathematics and Physical Sciences at the end of the Autumn Quarter 1971. He has indicated a desire to return to full-time teaching and research.

B. Change in Responsibility

George P. Crepeau from Associate Professor in the Department of Theatre to Assistant Vice President for Curricula, in the Office of Academic Affairs, effective September 1, 1971, at a salary of $20,688.00 per annum. He will hold the academic rank of Professor in the Department of Theatre.

C. Appointments

Leslie Ernest McDonald, Dean, College of Veterinary Medicine, effective September 1, 1971, at a salary of $35,088.00 per annum. He will hold the rank of Professor in the Department of Veterinary Medicine at No Salary.

James B. Heck, Director of The Ohio State University - Mansfield Campus, effective October 1, 1971, at a salary of $24,528.00 per annum. He will hold the academic rank of Professor in the College of Education at No Salary.

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II. PERSONNEL CHANGES (continued)

C. Appointments (continued)

John P. Henderson, Assistant Dean, College of Law, effective August 1, 1971, at a salary of $18,408.00 per annum.

Kenneth A. Marantz, Associate Professor and Chairman, College of The Arts - Art Education, effective October 1, 1971, at a salary of $18,288.00 per annum.

D. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Robert H. Groves, Instructor (Area Extension Agent, 4-H) McConnelsville Area Center, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at The Ohio State University.

Gerald L. Mahan, Instructor (County Extension Agent, 4-H) Greene County, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at The Ohio State University.

William F. Rohrs, Instructor (County Extension Agent, 4-H) Defiance County, effective September 23, 1971 through December 17, 1971, to participate in a program of professional improvement at Michigan State University.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, effective October 1, 1971 through December 31, 1971, to participate in a program of professional improvement at The Ohio State University.

E. Leaves of Absence Without Salary

David E. Black, Professor, College of The Arts - Division of Art, effective July 1, 1971 through September 30, 1971, to continue research in Germany.

Ernest George Ehlers, Professor, Department of Mineralogy, effective October 1, 1971 through June 30, 1972, to accept a one-year Fulbright-Hays Lectureship.

R. Wayne Walker, Professor, College of Law, effective October 1, 1971 through December 31, 1971, to serve as a Visiting Professor at the University of New Mexico School of Law.
II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Donald R. Washington, Professor, Department of Civil Engineering, effective September 15, 1971 through June 30, 1972, to work with the United States Environmental Protection Agency.

Carolyn N. Burnett, Associate Professor, School of Allied Medical Professions, effective August 1, 1971 through June 30, 1972, to pursue a research project.

Richard T. Garner, Associate Professor, Department of Philosophy, effective October 1, 1971 through December 31, 1971, to engage in writing and research.

David A. Knapp, Associate Professor, College of Pharmacy, effective July 1, 1971 through August 31, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

Christopher A. Rodowskas, Associate Professor, College of Pharmacy, effective September 1, 1971 through June 30, 1972, to set up a grant proposal for the American Association of Colleges of Pharmacy, Silver Spring, Maryland.

John A. M. Rothney, Associate Professor, Department of History, effective October 1, 1971 through September 30, 1972, to accept an award from the American Council of Learned Societies.

David Alwin Wolff, Associate Professor, Department of Microbiology, effective November 1, 1971 through December 31, 1971, to participate in a research program at the University of Uppsala, Sweden.

Robert Edward Bedeski, Assistant Professor, Department of Political Science, effective January 1, 1972 through September 30, 1972, to accept a grant to study contemporary China from the Social Science Research Council at Harvard University.

Marjorie L. Brunner, Assistant Professor, School of Allied Medical Professions, effective August 1, 1971 through December 31, 1971, for personal reasons.

Lynn Dally, Assistant Professor, College of The Arts - Division of Dance, effective October 1, 1971 through September 30, 1972, for personal reasons.

Deanne Erma Knapp, Assistant Professor, College of Pharmacy, effective July 1, 1971 through August 31, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.
II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Mary R. Mealy, Assistant Professor, College of The Arts - Division of History of Art, effective January 1, 1972 through March 31, 1972, to complete her Ph.D. dissertation.

Tod F. Stuessy, Assistant Professor, Department of Botany, effective October 1, 1971 through September 30, 1972, to accept a Postdoctoral Fellowship at Harvard University.

F. Emeritus Titles

Gordon B. Carson, Office of Administrative Operations, with the title Vice President Emeritus, effective September 1, 1971.

Grace R. Beckwith, School of Home Economics, with the title Professor Emeritus, effective August 1, 1971.

Alfred B. Garrett, Department of Chemistry, with the title Professor Emeritus, effective September 1, 1971.

Everett J. Kircher, College of Education, with the title Professor Emeritus, effective September 1, 1971.

Harold E. Reynard, College of Education, with the title Professor Emeritus, effective September 1, 1971.

Frederick H. Shillito, Department of Preventive Medicine, with the title Professor Emeritus, effective July 1, 1971.

J. Norman Staiger, School of Music, with the title Professor Emeritus, effective September 1, 1971.

Ronald J. Stanger, College of Law, with the title Professor Emeritus, effective August 1, 1971.

President Fawcett recommended that the Resignation, Change in Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
June 12, 1971 - August 10, 1971

<table>
<thead>
<tr>
<th>Type</th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>30</td>
<td>$2,295,247.00</td>
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<tr>
<td>Industrial and Other Research</td>
<td>10</td>
<td>55,671.84</td>
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<tr>
<td>Grants</td>
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<tr>
<td>Government Research - Federal</td>
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<td>Government Research - State</td>
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<tr>
<td>Industrial and Other Research</td>
<td>11</td>
<td>179,965.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>87</strong></td>
<td><strong>$4,482,512.84</strong></td>
</tr>
</tbody>
</table>

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

1. Government Research Contracts - Federal

   a. Department of Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #24 - College of Administrative Science, Division of Continuing Education). Gross Value - $6,168.00.

   b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #12 - Department of Veterinary Pathology). Gross Value - $257,570.00.

   c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #6 - Department of Surgery). Gross Value - $15,060.00.
September 2, 1971 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

   d. Department of Air Force, Rome Air Development Center, Air
      Force Systems Command, Griffiss Air Force Base, New York,
      Coherent Multiplexing and Array Techniques (to be known as
      Project No. 2738 - Mod. #P00007 - Department of Electrical
      Engineering).
      Gross Value - $8,501.00.

   e. Department of Air Force, Rome Air Development Center, Griffiss
      Air Force Base, New York, Coherent Multiplexing and Array
      Techniques (to be known as Project No. 2738 - Mod. #P00008
      - Department of Electrical Engineering).
      Gross Value - $46,137.00.

   f. Department of Air Force, Air Force Systems Command, Wright
      Patterson Air Force Base, Ohio, Laser Propagation Investigation
      (to be known as Project No. 2819 - Mod. #P00004 - Department
      of Electrical Engineering).
      Gross Value - $12,500.00.

   g. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Study Role of Vehicles and Particulates in
      Respiratory Carcinogenesis Bioassays (to be known as Project
      No. 2853 - Sponsor Ltr. Dtd. 7/6/71 - Department of Veterinary
      Pathology).
      Gross Value - $6,902.00.

   h. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Use of Radioiodine-Labeled Antibody Tech-
      niques to Studies on Viral Induced Tumors (to be known as Project
      No. 2854 - Mod. #3 - Department of Veterinary Pathology).
      Gross Value - $90,000.00.

   i. Agency for International Development, Office of Procurement,
      Contract Services Division, Washington, D. C., Analysis of
      Capital Formation and Technological Innovation at the Farm
      Level in LDC's (to be known as Project No. 2871 - Amend. #5 -
      Department of Agricultural Economics and Rural Sociology).
      Gross Value - $232,959.00.

   j. Department of Air Force, Rome Air Development Center, Griffiss
      Air Force Base, New York, Investigation of 10.6 Micron Propa-
      gation Phenomena (U) (to be known as Project No. 2880 - Mod.
      #P00004 - Department of Electrical Engineering).
      Gross Value - $110,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

1. Government Research Contracts - Federal (continued)

k. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of Partially Polarized Radiowaves from the Sun and Discrete Radio Sources (to be known as Project No. 2915 - Mod. #P00003 - Department of Electrical Engineering).
Gross Value - $30,000.00.

l. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, High Temperature Electrochemical Research in Metallurgy (to be known as Project No. 2932 - Mod. #P00002 - Department of Metallurgical Engineering).
Gross Value - $66,909.00.

Gross Value - $17,299.00.

n. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study Program for Low Noise "S" Band Radiometer Antenna Development (to be known as Project No. 3033-A1 - Mod. #2 - Department of Electrical Engineering).
Gross Value - $40,000.00.

Gross Value - $107,155.00.

p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research Into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #1 - Department of Preventive Medicine).
Gross Value - $153,600.00.

Gross Value - $8,400.00.
September 2, 1971 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

   r. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).
   Gross Value - $23,265.00.

   s. Department of Army, Office of Civil Defense, Contracts Division, Washington, D. C., Regional Procurement Training (to be known as Project No. 3212-A1 - Mod. #P689-2 - College of Administrative Science, Division of Continuing Education).
   Gross Value - $1,700.00.

   t. Department of Army, U. S. Army Missile Command, Redstone Arsenal, Alabama, Development of a Dynamic Simulation Filter (to be known as Project No. 3248-A1 - New - Department of Industrial Engineering).
   Gross Value - $25,266.00.

   Gross Value - $91,600.00.

   Gross Value - $348,026.00.

   w. Department of Interior, Bureau of Sport Fisheries and Wildlife, Division of Fishery Services, Fort Snelling, Twin Cities, Minnesota, Impact of Fish Hatcheries on Native Fish Populations and Benthos (to be known as Project No. 3260-A1 - New - Department of Zoology).
   Gross Value - $11,154.00.

   Gross Value - $29,865.00.
September 2, 1971 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

Gross Value - $59,600.00.

Gross Value - $41,506.00.

Gross Value - $55,000.00.

Gross Value - $70,000.00.

Gross Value - $28,063.00.

d. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Academic Services to AFIT School of Systems and Logistics (to be known as Project No. 3286-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - $290,042.00.

TOTAL - Government Research Contracts - Federal $2,295,247.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

2. Industrial and Other Research Contracts

a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #23 - Department of Metallurgical Engineering). Gross Value - $23,000.00.


c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #2 - Department of Pharmacology). Gross Value - $1,274.00.

d. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Robert Nerem (to be known as Project No. 3179-A1 - Purchase Order Dated 7/20/71 - Department of Aeronautical and Astronautical Engineering). Gross Value - $842.84.

e. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Installation and Testing of Planar Pressure Generator (to be known as Project No. 3267-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - $4,000.00.

f. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Installation and Testing of Planar Pressure Generator (to be known as Project No. 3267-A1 - Sup. #1 - Department of Aeronautical and Astronautical Engineering). Gross Value - $1,500.00.

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)


i. Centerville Public Schools, Centerville, Ohio, Audit Services to the Centerville Public Schools (to be known as Project No. 3299-A1 - New - College of Education). Gross Value - $6,555.00.


TOTAL - Industrial and Other Research Contracts $55,671.84


a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as Project No. 1571-G - Ext. #7 - Department of Biochemistry). Gross Value - $32,184.00.

b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biology of the Heart (to be known as Project No. 2058-F - Ext. #6 - Departments of Medicine and Veterinary Physiology). Gross Value - $173,218.00.


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

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

3. Government Research Grants - Federal (continued)

   e. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Institute of
      Allergy and Infectious Diseases, Bethesda, Maryland, The
      Induction of Tolerance to Xenografts (to be known as Project No.
      2662-C - Ext. #3 - Department of Surgery).
      Gross Value - $36,921.00.

   f. National Aeronautics and Space Administration, Langley Research
      Center, Hampton, Virginia, Flutter of Thermally Stressed Plates
      Subjected to Large Deflections (to be known as Project No. 2792 -
      Sup. #2 - Department of Aeronautical and Astronautical Engineer-
      ing).
      Gross Value - $6,000.00.

   g. National Aeronautics and Space Administration, Langley Research
      Center, Hampton, Virginia, Flutter of Thermally Stressed Plates
      Subjected to Large Deflections (to be known as Project No. 2792 -
      Sup. #3 - Department of Aeronautical and Astronautical Engineer-
      ing).
      Gross Value - $8,000.00.

   h. National Aeronautics and Space Administration, Langley Research
      Center, Hampton, Virginia, Flutter of Thermally Stressed Plates
      Subjected to Large Deflections (to be known as Project No. 2792 -
      Sup. #4 - Department of Aeronautical and Astronautical Engineer-
      ing).
      Gross Value - $23,987.00.

   i. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds
      (to be known as Project No. 2793-B - Ext. #2 - Department of
      Chemistry).
      Gross Value - $48,886.00.

      Service, National Institutes of Health, National Institute of Neuro-
      logical Diseases and Stroke, Bethesda, Maryland, Myelin Biosyn-
      thesis and Turnover (to be known as Project No. 2815-B - Ext.
      #2 - Department of Physiological Chemistry).
      Gross Value - $26,427.00.
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 Heart and Lung Institute, Bethesda, Maryland, Systolic Intervals in Acute Myocardial Infarction (to be known as Project No. 2830-A - Sup. #1 - Department of Medicine).
Gross Value - $1,784.00.

l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Proximal Tubular Transport in Edematous States (to be known as Project No. 2831-B - Ext. #2 - Department of Medicine).
Gross Value - $23,980.00.

m. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Drug Sensitive Biochemical Pathways in the CNS (to be known as Project No. 3002-A1 - Sup. #1 - Department of Pharmacology).
Gross Value - $12,952.00.

n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A2 - Ext. #1 - Department of Biophysics).
Gross Value - $11,785.00.

o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics - Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A2 - Ext. #1 - College of Pharmacy).
Gross Value - $34,839.00.

Gross Value - $77,588.00.
September 2, 1971 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)


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)

Gross Value - $24,440.00.

Gross Value - $21,344.00.

Gross Value - $103,905.00.

aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A1 - New - Department of Physiological Chemistry).
Gross Value - $39,025.00.

Gross Value - $44,054.00.

Gross Value - $5,280.00.

Gross Value - $5,000.00.
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)

   ee. U. S. Department of Agriculture, Agricultural Research Service, Administrative Services Division, Federal Center Building, Hyattsville, Maryland, Chemical Factors in Ash and Tupil Poplar Leaves that Inhibit the Feeding of Gypsy Moth Larvae (to be known as Project No. 3291-A1 - New - College of Pharmacy). Gross Value - $75,000.00.


   TOTAL - Government Research Grants - Federal $1,897,629.00

4. Government Research Grant - State

a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-F - Ext. #6 - Department of Pediatrics). Gross Value - $54,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

5. Industrial and Other Research Grants

   a. American Heart Association, Inc., New York, New York,
      Permeability of Heart Mitochondria (to be known as Project No.
      2847-B - Ext. #2 - Department of Physiological Chemistry).
      Gross Value - $13,200.00.

      of Antimycin A on Heart Respiratory Function (to be known as
      Project No. 3036-A2 - Ext. #1 - Department of Physiological
      Chemistry).
      Gross Value - $13,200.00.

   c. Damon Runyon Memorial Fund, New York, New York, Reticulo-
      endothelial Function in Neoplasia (to be known as Project No.
      3076-Al - Sponsor Ltr. Dtd. 6/25/71 - Department of Medicine).
      Gross Value - $14,100.00.

   d. American Cancer Society, Inc., New York, New York,
      Metabolism of Normal and Abnormal Lymphocytes (to be known
      as Project No. 3258-Al - New - Department of Medicine).
      Gross Value - $31,955.00.

   e. American Cancer Society, Inc., New York, New York,
      American Cancer Society Institutional Grant (to be known as
      Project No. 3262-Al - New - Department of Surgery).
      Gross Value - $35,000.00.

   f. Alfred P. Sloan Foundation, New York, New York, Alfred P.
      Sloan Research Fellowship in Chemistry (to be known as Project
      No. 3265-Al - New - Department of Chemistry).
      Gross Value - $14,490.00.

   g. National Endowment for the Humanities, Washington, D. C., The
      Harlem Renaissance: A Study of Afro-American Literature of the
      1920's (to be known as Project No. 3272-Al - New - Department
      of English).
      Gross Value - $14,999.00.

   h. Ohio Tuberculosis and Respiratory Disease Association, Columbus,
      Ohio, Genetic and Scanning Beam Electron Microscope Studies of
      Effects of Antimicrobial Agents on Mycobacteria (to be known as
      Project No. 3278-Al - New - Department of Medicine).
      Gross Value - $4,134.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

5. Industrial and Other Research Grants (continued)


TOTAL - Industrial and Other Research Grants $179,965.00

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

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

SUMMARY

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contracts</td>
<td>14</td>
<td>$245,457.86</td>
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<tr>
<td>Industrial Research Contracts</td>
<td>3</td>
<td>$53,980.00</td>
</tr>
<tr>
<td>Totals</td>
<td>17</td>
<td>$299,437.86</td>
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</tbody>
</table>

During the period from June 15, 1971 through August 11, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

   EES 386X Ext. #1 Systems Analysis and Operations Research Support of The Ohio Youth Commission Juvenile Delinquency Prevention Act Planning Project, Ohio Youth Commission, Columbus, Ohio. Gross Value - $34,220.86.
B. The Report of the Research Contracts from the Engineering Experiment Station

Gross Value - $10,000.00.

EES 390X  Chemical and Sediment Movement from Agricultural Land Into Lake Erie, U. S. Department of the Interior, Washington, D. C.
Gross Value - $10,000.00.

EES 391X  Interactions Between Microparticulates and Representative Heterotrophic Microorganisms from Lake Erie Using Batch and Continuous Culture Techniques, U. S. Department of the Interior, Washington, D. C.
Gross Value - $5,600.00.

Gross Value - $2,950.00.

EES 393X  Stream Pollution from Cattle Feedlot Runoff, U. S. Department of the Interior, Washington, D. C.
Gross Value - $4,900.00.

Gross Value - $8,800.00.

Gross Value - $8,100.00.

EES 396X  Distribution of Trace Elements in Water and River Sediments in Ohio, U. S. Department of the Interior, Washington, D. C.
Gross Value - $8,900.00.

EES 397X  The Effects of Bacterial Methane Fixation on Lake Eutrophication, U. S. Department of the Interior, Washington, D. C.
Gross Value - $5,000.00.

Gross Value - $4,588.00.

EES 399X  Institute Director's Office, U. S. Department of the Interior, Washington, D. C.
Gross Value - $27,640.00.
The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

   EES 400X  A Systems Analysis of the Western Basin of Lake Erie -
              Phase III, U. S. Department of the Interior, Washington,
              D. C.
   Gross Value - $48,920.00.

   EES 401X  Electromagnetic Pulse Sounding for Surveying Under-
              ground Water Resources, U. S. Department of the
              Interior, Washington, D. C.
   Gross Value - $66,839.00.

   TOTAL - Government Research Contracts $245,457.86

2. Industrial Research Contracts

   EES 327X  Design Study of Blowdown Rings, Aquatrol, Inc.,
              Chicago, Illinois.
   Gross Value - $10,000.00.

   EES 402X  An Investigation of Some Feasible Bases for Design
              of an Automobile Alcohol Interlock System, General
              Motors Technical Center, Warren, Michigan.
   Gross Value - $18,390.00.

   EES 403X  Sonic Rock Crushing, Columbia Cement Company,
              Columbus, Ohio.
   Gross Value - $25,590.00.

   TOTAL - Industrial Research Contracts $53,980.00

C. Agreement Between the College of Agriculture and Home Economics
   of The Ohio State University and the College of Agriculture and
   Natural Resources of Michigan State University

   It was recommended that the President of The Ohio State University be
   authorized to sign an agreement on behalf of The Ohio State University to
   extend the present agreement for training students in the forestry cur-
   riculum at Michigan State University, effective for a period of five years

   Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees
   approved the above recommendation by unanimous roll call vote.
IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 2, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance $2,437,805.00
Received Through The Ohio State University Development Fund 356,102.48

A. Administered Through the Office of Business and Finance

1. $434,846.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period July 1, 1970 through December 31, 1971. (Grant No. 5 G03 RM 00022-02A2)

2. $240,086.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Department of Psychology, with project extended through August 31, 1972. (Grant No. OEG-0-70-4214)

3. $217,300.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Training of Professional Personnel in the Education of the Handicapped," under the direction of the College of Education, School of Health, Physical Education and Recreation, Department of Speech, and Mental Retardation Center, for the period June 1, 1971 through August 31, 1972. (Grant No. OEG-0-71-1577)

4. $150,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Institute for Training in Librarianship," under the direction of the University Libraries, for the period June 16, 1971 through July 31, 1972. (Grant No. OEG-0-71-8537)

5. $141,336.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program - Long Term - Baccalaureate and Post-Baccalaureate Training Grant," under the direction of the School of Nursing, for the period September 1, 1971 through August 31, 1972. (Grant No. 5 A11 NU00029-15 and 5 A11 NU00029-15S1)

6. $134,401.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Program in Comprehensive Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. CS-P [T-45] 555503-03-71)
IV. GRANTS AND GIFTS (continued)

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

7. $121,738.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Facilitating Career Education Through Career Development Program Specialists," under the direction of the Center for Vocational and Technical Education, for the period June 28, 1971 through August 31, 1972. (Grant No. OEG-0-71-4553)

8. $115,571.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 A02 AH00010-05)

9. $100,000.00 granted by U. S. Department of Commerce, Economic Development Administration, Office of Technical Assistance, Washington, D. C., to the University for "Economic Development Technical Assistance Program," under the direction of the Center for Vocational and Technical Education, for the period June 30, 1971 through February 28, 1972. (Grant No. 03-6-09241)

10. $99,890.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Developmentally Delayed Infant Training Project - Early Education," under the direction of the Mental Retardation Center, for the period June 30, 1971 through June 29, 1972. (Grant No. OEG-0-71-4375)

11. $98,377.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Child Welfare Training Program," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 84-P-25026/5-04)

12. $87,669.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Communications Division," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D02 AH 00104-01)

13. $85,817.00 granted by Department of Transportation, National Highway Traffic Safety Administration, 400 7th St., SW, Washington, D. C., to the University for "Training Accident Investigation," under the direction of the Center for Vocational and Technical Education, for the period through December 31, 1971. (Grant No. DOT-HS-115-1-169)

14. $85,638.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology - Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 EY00036-07)
### IV. GRANTS AND GIFTS (continued)

<table>
<thead>
<tr>
<th>Number</th>
<th>Amount</th>
<th>Grantor</th>
<th>Purpose</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>$64,926.00</td>
<td>Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland</td>
<td>For &quot;Family Centered Practicum - Developmental Disabilities,&quot; under the direction of the Mental Retardation Center, for the period July 1, 1971 through June 30, 1972.</td>
<td>(Grant No. 1 D12 AH 00135-01)</td>
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<td>16</td>
<td>$52,283.00</td>
<td>State of Ohio, Department of Education, Columbus, Ohio</td>
<td>For &quot;An Evaluation System for Vocational Education Leadership and Professional Development Activities,&quot; under the direction of the Center for Vocational and Technical Education.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>$44,756.00</td>
<td>Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland</td>
<td>For &quot;Clinical Cancer Training, Dental Training Grant,&quot; under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972.</td>
<td>(Grant No. 2 T12 CA08129-05)</td>
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<tr>
<td>18</td>
<td>$32,025.00</td>
<td>Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland</td>
<td>For &quot;Gastroenterology Training Grant,&quot; under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972.</td>
<td>(Grant No. 1 TO1 AM05569-01A1)</td>
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<td>19</td>
<td>$27,997.00</td>
<td>Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois</td>
<td>For &quot;Training in Medical Sociology Training Grant,&quot; under the direction of the Department of Sociology, for the period September 1, 1971 through August 31, 1972.</td>
<td>(Grant No. 44-P-25120/5-07)</td>
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<tr>
<td>20</td>
<td>$21,896.00</td>
<td>Department of Health, Education and Welfare, Office of Education, Washington, D. C.</td>
<td>For &quot;Language and Area Center for Slavic and East European Studies,&quot; under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1971 through June 30, 1972.</td>
<td>(Contract No. OEC-0-71-3431)</td>
</tr>
<tr>
<td>21</td>
<td>$20,900.00</td>
<td>Agency for International Development, United States Government, Washington, D. C.</td>
<td>For &quot;Rural Savings Capacity in Taiwan and Response to Economic Incentives,&quot; under the direction of the Department of Agricultural Economics and Rural Sociology.</td>
<td>(Grant No. AID/EA-169)</td>
</tr>
<tr>
<td>22</td>
<td>$19,924.00</td>
<td>Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois</td>
<td>For &quot;Training Grant for Speech and Hearing Impaired,&quot; under the direction of the Department of Speech, for the period September 1, 1971 through August 31, 1972.</td>
<td>(Grant No. 44-P-25121/5-08)</td>
</tr>
</tbody>
</table>
IV. GRANTS AND GIFTS (continued)

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

23. $17,994.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Professions, Division of Physical Therapy, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25124/5-08)

24. $18,106.00 granted by State of Ohio, Department of Natural Resources, Columbus, Ohio, to the University for a Division of Wildlife Wetland, Wildlife Ecology Research and Management Study, under the direction of the College of Biological Sciences, for the period July 1, 1971 through June 30, 1972. (Project No. W-104-R-15, Study VI, Job VI-1)

25. $13,360.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Residency in General Preventive Medicine - Training Grant," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 A08 AH 00080-02)

26. $11,996.00 granted by Agency for International Development, United States Government, Washington, D. C., to the University for "Administration of Purchasing, Inventory Management and Maintenance Management," under the direction of the College of Administrative Science, Division of Continuing Education, with an expiration date of May 30, 1972. (Grant No. AID/csd-1571)

27. $10,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading," under the direction of the College of Education. (Grant No. OEG-0-70-2057)

28. $8,275.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medicinal Chemistry Training Grant," under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 TO1 GM01949-03)

29. $7,150.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Occupational Therapy Training Grant," under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P25123/5-07)

30. $5,821.00 granted by State Department of Education, Guidance Field Service, Columbus, Ohio, to the University for "Summer Vocational Guidance Seminar," under the direction of the College of Education.
September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

31. $5,565.00 granted by The Ford Foundation, 320 East 43rd Street, New York, New York, to the University for "Black Student Doctoral Fellowship," under the direction of the Graduate School for the year 1971-1972. (Project No. 719-0021)

32. $3,098.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period April 1, 1967 through June 30, 1968. (Grant No. 3 G02 RM 00022-01S3)

33. $1,064.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1970 through July 31, 1971. (Grant No. 3 D10 NU 00319-03S)

TOTAL - Administered Through the Office of Business and Finance
$2,437,805.00

B. Received Through The Ohio State University Development Fund

1. $71,657.05 from the Louise Orr Scott Foundation, Columbus, Ohio—$53,742.79 for scholarships in the College of Medicine and $17,914.26 for scholarships in the College of Pharmacy.

2. $32,998.92 from the Estates of Ezra and Mary C. Place, Lima, Ohio, for the establishment of the Mary C. and Ezra Place Scholarship.

Mary C. and Ezra Place Scholarship

The Mary C. and Ezra Place Scholarship was established September 2, 1971, by the Board of Trustees of The Ohio State University with a bequest through the Development Fund from Mr. and Mrs. Ezra C. Place, late of Lima, Ohio.

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

The annual income is to be used to award four scholarships of $1,500.00 each to qualified students at the Lima Campus, or its successor, to be selected by the Trustees. Selection shall be made on the basis of merit, with preference being given to graduates of Lima Senior High School, Lima, Ohio; Elida High School, Elida, Ohio; Bath High School, Lima, Ohio;
B. Received Through The Ohio State University Development Fund (continued)

2. Mary C. and Ezra Place Scholarship (continued)

and Perry High School, Lima, Ohio. Said scholarships may be granted to those graduates of the above mentioned schools who desire to attend any college or department of the University or any technical or trade school which may be a part of, or operated by or in connection therewith.

Payments shall be made from income, but the University may, in the discretion of the Trustees, invade the corpus to accomplish the purpose expressed herein.

3. $25,600.00 from Eli Lilly and Company, Indianapolis, Indiana--$20,600.00 for infectious disease research and $5,000.00 for research in microbiology.

4. $25,000.00 from The International Nickel Company of Canada, Ltd., New York, New York, for support of the International Nickel Company Professorship in Corrosion Science and Engineering.

5. $21,000.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio, for the Institute for Research in Vision.

6. $16,000.00 from The Bremer Foundation, Youngstown, Ohio, for its fund in the College of Medicine.

7. $13,810.54 from Associates of Medicine, Columbus, Ohio, for their General Fund.

8. $13,698.86 from the American Medical Association, Chicago, Illinois, for the Faculty Seminar on Medical Education.

9. $13,582.58 from the Producers Livestock Association, Columbus, Ohio, for the establishment of the Producers Livestock Association Scholarship Fund.

**Producers Livestock Association Scholarship Fund**

The Producers Livestock Association Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Producers Livestock Association, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.
September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. Producers Livestock Association Scholarship Fund (continued)

All annual income is to be used to support a scholarship for one or more students enrolled in the College of Agriculture and Home Economics, who are also members of the Agricultural Honors Program, who have attained at least a junior standing; they may be members of the combined Agriculture-Graduate Program leading to simultaneous bachelor's and master's degrees; and they must be applying for an undergraduate research scholarship.

Applicants for this scholarship or scholarships must submit research proposals to the College Honors Committee which is to recommend awardees to the University's Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

10. $12,670.00 from Ohio Lions Research Foundation, Springfield, Ohio, for research in the College of Optometry.

11. $11,900.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

12. $10,605.13 from Mr. Tom Kyle, Sr., Tipp City, Ohio, for the L. C. Chadwick Research Fund.

13. $10,000.00 from Samuel Mendel Melton Foundation, Columbus, Ohio, for the Jewish Philosophy Professorship.

14. $10,000.00 from Parke, Davis and Company, Detroit, Michigan, for research in the College of Medicine.

15. $8,500.00 from the Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, to support a fellowship in Medicine.

16. $6,640.00 from G. D. Searle and Company, Chicago, Illinois, for gastroenterology research.

17. $6,400.00 from Ross Laboratories, Columbus, Ohio, for graduate research in dairy food chemistry.

18. $5,524.40 from the Estate of Doris M. Risley, Columbus, Ohio, for scholarships in the School of Home Economics.
IV. GRANTS AND GIFTS (continued)

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

19. $5,000.00 from John J. and Elizabeth O'Neill, Newark, Ohio, for the establishment of The John J. and Elizabeth O'Neill Scholarship Fund.

The John J. and Elizabeth O'Neill Scholarship Fund

The John J. and Elizabeth O'Neill Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John J. and Elizabeth O'Neill, Newark, Ohio.

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

The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students attending the Newark, Ohio, Campus, who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made by the University Scholarship Committee upon the recommendation of the Director of the Newark Campus.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever at the Newark Campus as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships. Should the Newark Campus become a separate College or University, it is the understanding of the donors that this gift would be transferred to that College or University.

20. $5,000.00 from General Motors Research Laboratories, Warren, Michigan, to establish a research fund in the Department of Metallurgical Engineering.

21. $5,000.00 from Organon, Inc., West Orange, New Jersey, for renal disease research.

22. $5,000.00 from Rohm & Haas Company, Philadelphia, Pennsylvania, for the Rohm and Haas Company Fund in Chemistry.

23. $5,000.00 from Southgate Development Corporation, Newark, Ohio, to establish an endowed scholarship for the Newark Campus.

24. $5,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
IV. GRANTS AND GIFTS (continued)

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

25. $5,000.00 from Maurice A. Young, Youngstown, Ohio, to be used by the Frank E. and Mary W. Pomerene Professor for whatever purpose deemed necessary.

26. $2,164.06 from Lowry W. Harding for the establishment of The Dr. Lowry W. Harding Fellowship Fund.

The Dr. Lowry W. Harding Fellowship Fund

The Dr. Lowry W. Harding Fellowship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lowry W. Harding, Ph.D. 1941, a Professor in the Elementary Education Division of the College of Education.

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

The annual income is to be used to provide one or more graduate fellowships for doctoral students at The Ohio State University majoring in elementary education, who exhibit continuing professional interest in the improvement of mathematics instruction in elementary schools and in preparation of prospective elementary school teachers. The selection of the recipient is to be made upon the recommendation of the Graduate Program Committee of the EMCE Faculty, its successor or equivalent, in consultation with the senior EMCE Faculty member working in mathematics education. In the event that a fellowship is not awarded in any given year, the annual income is to be added to the principal of the fund.

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

27. $2,059.31 from the family and friends of the late Harold E. Shoemaker and the late Ray Allen Linville for the establishment of the Linville-Shoemaker Scholarship Fund.

Linville-Shoemaker Scholarship Fund

The Linville-Shoemaker Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family
IV. GRANTS AND GIFTS (continued)

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

27. Linville-Shoemaker Scholarship Fund (continued)

and friends of the late Harold E. Shoemaker, M.S. '52, Ph.D. '59, Worthington, Ohio, and the late Ray Allen Linville, B.Sc. Agr. '49, M.S. '50, Worthington, Ohio, Associate Professors in the College of Agriculture and Home Economics at the time of their deaths on November 13, 1969.

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

The annual income is to be used to provide scholarships for one or more sophomore or junior students enrolled in the College of Agriculture and Home Economics and majoring in Agronomy, who exemplify professional attitude and devotion to Agronomy and who have outstanding academic records. The scholarship awards are to be made by the University Scholarship Committee, upon the recommendation of the Dean of the College of Agriculture and Home Economics and the Chairman of the Department of Agronomy.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the Agronomy Department cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for agronomy education.

28. $1,291.63 from family, faculty, students, and friends of Robert B. Miner for the establishment of the Robert B. Miner Memorial Fund.

Robert B. Miner Memorial Fund

The Robert B. Miner Memorial Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from family, faculty, students, and friends to honor the memory of Robert B. Miner, Ph.D. '48, Professor of Marketing in the College of Administrative Science 1946 to 1971, and Chairman of the Department of Business Organization 1958 to 1968.

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

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

28. Robert B. Miner Memorial Fund (continued)

The annual income is to be used to support young faculty members and graduate students in marketing in attending meetings of learned societies and associations or in other professional development activities as recommended by the Chairman of the Faculty of Marketing with concurrence of the Dean of the College of Administrative Science.

Should the need for these purposes cease to exist or so diminish as to provide unused income or should the College of Administrative Science cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in marketing.

TOTAL - Received Through The Ohio State University Development Fund

$356,102.48

C. Establishment of New Fund from Previously Reported Gift

Florence O. Wilson Fund

The Florence O. Wilson Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Miss Florence O. Wilson, Oklahoma City, Oklahoma.

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

The annual income and/or principal is to be used in the development of the University's Ernest Q. Moores Demonstration Farm, which was given to the University by Miss Wilson and which is operated by the College of Agriculture and Home Economics.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. Month of June, 1971

In June, 1971, the Development Fund received gifts on behalf of the University as follows:

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>3,405</td>
<td>$90,911.70</td>
</tr>
<tr>
<td>Individuals Other</td>
<td>422</td>
<td>95,588.32</td>
</tr>
<tr>
<td>than Alumni</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Concerns</td>
<td>110</td>
<td>74,936.92</td>
</tr>
<tr>
<td>Foundations and</td>
<td>55</td>
<td>146,051.62</td>
</tr>
<tr>
<td>Nonprofit Organizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3,952</td>
<td>$407,488.56</td>
</tr>
</tbody>
</table>

2. Month of July, 1971

In July, 1971, the Development Fund received gifts on behalf of the University as follows:

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>2,757</td>
<td>$80,926.15</td>
</tr>
<tr>
<td>Individuals Other</td>
<td>204</td>
<td>70,144.77</td>
</tr>
<tr>
<td>than Alumni</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Concerns</td>
<td>42</td>
<td>106,628.68</td>
</tr>
<tr>
<td>Foundations and</td>
<td>63</td>
<td>69,708.77</td>
</tr>
<tr>
<td>Nonprofit Organizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3,066</td>
<td>$327,408.37</td>
</tr>
</tbody>
</table>

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Lazenby Hall, Remodeling of Library and Faculty Research Laboratories

<table>
<thead>
<tr>
<th></th>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 74,377.00</td>
<td>$ 77,923.20</td>
<td>$ 3,546.20</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.
September 2, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Lazenby Hall, Remodeling of Library and Faculty Research Laboratories (continued)

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801207 (Horticulture Building Remodeling).

B. University Hospital, Electrical Distribution in Patient Areas

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$33,200.00</td>
<td>$38,197.00</td>
<td>$4,997.00</td>
</tr>
</tbody>
</table>

The changes made on this project were necessary because of structural conditions not apparent at the time of design.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

C. Laboratory Animal Facility Center (Sanitary Sewer)

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$87,550.07</td>
<td>$89,068.19</td>
<td>$1,518.12</td>
</tr>
</tbody>
</table>

The changes on this project were made necessary because of easement agreements completed after contracts were awarded to provide for additional sanitary stubs to the main sewer line to satisfy property owners.

Funds for the project have been provided from Budget Account 801021 (Lab Animal Facility Center) and Budget Account 801144 (Lab Animal P.H.S.).

D. Telecommunications Center

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5,118,760.50</td>
<td>$5,171,886.29</td>
<td>$53,125.79</td>
</tr>
</tbody>
</table>

During construction, manufacturers of the video tape specified recommended 30% less humidity than had been included in the original specifications. Therefore, an air dryer was added on the return air unit serving the Film and Video Tape Rooms to maintain relative humidity in the rooms.

Funds for this project have been provided from Budget Account 801035 (Center for Tomorrow).
V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

E. University Hospital, Replacement of Main House Pump

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 14,750.00</td>
<td>$ 15,056.70</td>
<td>$ 306.70</td>
</tr>
</tbody>
</table>

During the construction of the job it was necessary to move the 8" valve 90° from its existing position for convenience of maintenance operation. Also, the pressure sensor was moved further from the pump to obtain a better reading.

Funds for this project have been provided by a transfer from the Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

F. Starling Loving Hall, Modernization of Electrical System in "A" Wing

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 27,949.00</td>
<td>$ 30,929.29</td>
<td>$ 2,971.29</td>
</tr>
</tbody>
</table>

This change was necessary to install additional circuit breakers in new panels, relocation of panels and/or feeders because of structural conditions unforeseen at the time the engineering plans were drawn.

Funds for this project have been provided by a transfer from the Hospital Rotary to Budget Account 801156 (Starling-Loving Electrical System).

G. Means Hall, Ventilation System Improvements - Phase I

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 62,307.00</td>
<td>$ 63,082.00</td>
<td>$ 775.00</td>
</tr>
</tbody>
</table>

During the construction of the job a preventative maintenance caulking material was selected by the engineers than was originally called for in the specifications.

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

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.
VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Goss Laboratory, Renovation of Rooms 219, 219A, 231A, and 231B

This project involves the complete renovation of existing laboratory space.

Funds for this project have been provided from Budget Account 125908 (Veterinary Medicine Special) and transferred to Budget Account 801183 (Goss Laboratory Remodeling).

B. Journalism Building Expansion

This project involves a new three-story addition plus the addition of a third floor over the existing building which will add needed space for the School of Journalism and related communicative arts program of the College of Social and Behavioral Sciences.

The implementation of this project is subject to the reappropriation by the Legislature of funds from H. B. 531 to the Capital Improvements Bill for 1971-73.

Upon motion of Mr. Dorsey, seconded by Mr. Eckley, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

VII. REPORT OF AWARD OF CONTRACTS

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

A. University Hall

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(7 bids received 7-6-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wm. O'Rourke Wrecking Co.</td>
<td>$ 37,345.00</td>
<td>$ 92,150.00</td>
</tr>
<tr>
<td>(Cincinnati, Ohio)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Funds for this project have been provided by a transfer from Budget Account 809999 (Plant Funds Receivable) to Budget Account 801247 (University Hall Demolition).
September 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant--13 KV Distribution System Extension

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Contract</strong></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 7-13-71)</td>
<td></td>
</tr>
<tr>
<td>Jess Howard Electric Co. (Columbus, Ohio)</td>
<td>$ 30,447.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided by a transfer of funds from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

C. Ambulatory Patient Teaching Facility

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Revised Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Laboratory Casework Contract (Rebid)</strong></td>
<td></td>
</tr>
<tr>
<td>(2 bids received 7-15-71)</td>
<td></td>
</tr>
<tr>
<td>Kewaune Scientific Corporation (Adrian, Michigan)</td>
<td>$203,500.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from a P. H. S. Federal Grant and Item 315-016 (Medical Complex), H. B. 531.

D. Classroom Buildings--Installation of Fire Alarm Systems

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Contract</strong></td>
<td></td>
</tr>
<tr>
<td>(7 bids received 7-23-71)</td>
<td></td>
</tr>
<tr>
<td>S &amp; S Electric Company (Columbus, Ohio)</td>
<td>$ 19,500.00</td>
</tr>
</tbody>
</table>

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

E. Pomerene Hall Women's Swimming Pool--Remodeling of Roof and Ceiling and Lighting Improvements

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Contract</strong></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 8-23-71)</td>
<td></td>
</tr>
<tr>
<td>Edward A. Werner Maintenance Co. (Columbus, Ohio)</td>
<td>$ 19,650.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Contract</strong></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 8-23-71)</td>
<td></td>
</tr>
<tr>
<td>McKown Electric Company (Mt. Vernon, Ohio)</td>
<td>$ 2,490.00</td>
</tr>
</tbody>
</table>

Total Contracts $22,140.00 $24,637.00
VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Pomerene Hall Women's Swimming Pool -- Remodeling of Roof and Ceiling and Lighting Improvements (continued)

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

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

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

40 Approves the transfer and release of $232,790.00 from Item 315-016 "Medical Complex" to Item 315-077 "Clinical Medical Sciences Education Facility," H. B. 531, to provide funds for architect's fees for the project "Clinical Medical Sciences Education Facility."

41 Approves the release of $333,800.00 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Renovation of Cockins Hall."

42 Approves the release of $2,360,000.00 from Item 315-068 "College of Agriculture: Land, Barns and Teaching Facilities," H. B. 531, to provide funds for the project "Animal Science Livestock Center."

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Airport Development - 1971

In making an application for grant funds for Airport Development under the Federal Aviation Administration Federal Aid Program Airport Development, this Board is required to approve the following resolution:

BE IT RESOLVED, that the Board of Trustees authorizes and directs that an application be filed with the Federal Aviation Administration Federal Aid Program Airport Development for a grant to support the expansion of the University Airport; and

BE IT FURTHER RESOLVED, that the Board designate Novice G. Fawcett, President of The Ohio State University, as the person authorized to file this application and act as the representative of the University in all matters relating to this application and Bernard J. Lachner, Vice President for Administrative Operations, as the alternate; and
BE IT FURTHER RESOLVED, that the Board of Trustees of The Ohio State University, being cognizant of the conditions under which such grant funds are approved, authorize the Vice President for Administrative Operations to proceed in the normal University manner to employ an engineer to develop schematic plans which are required for such an application with funds for this service to be supplied in an amount not to exceed $25,000.00 and to be provided by a transfer from Budget Account 809999 (Plant Funds Receivable) to Budget Account 801249 (Airport Development) with the understanding that these funds will be reimbursed from the Federal Grant upon approval.

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

Preceding the recommendation providing for bonding for the Treasurer of The Ohio State University, Mr. Hilliker made a motion that Mr. Ernest W. Leggett be named Treasurer to replace Mr. Gordon B. Carson. The motion was seconded by Mr. Dunlap.

B. Treasurer’s Bond - Required by Section 3335.05
Ohio Revised Code

Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines.

President Fawcett recommended that the bond of Ernest W. Leggett, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at $500,000.00.

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

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

WHEREAS, on December 4, 1970, the Board of Trustees of The Ohio State University authorized the sale of 12.318 acres to the Ohio Building Authority; and

WHEREAS, as a part of an Agreement of Sale between the Ohio Building Authority and The Ohio State University, the University agreed to provide an easement to Columbia Gas of Ohio, Inc., for the purpose of constructing a gas line to service the National Guard and Department of Commerce hangar facilities being constructed on the lands sold; and

WHEREAS, the University has the right to utilize this gas service for any future facilities in this area;
IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Gas Line Easement - Columbia Gas of Ohio, Inc. (continued)

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to sign the necessary legal instruments to provide for the installation of this gas service.

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

D. Agreement Between The Ohio State University and the Ohio Highway Transportation Research Board

WHEREAS, Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio, created the Ohio Highway Transportation Research Center and placed this Center under the guidance of the Ohio Highway Transportation Research Board; and

WHEREAS, Section 2 of that bill provided that the Board of Trustees of The Ohio State University should transfer such land as was owned by the State and currently administered by the University for transportation research in Union and Logan Counties to the Ohio Highway Transportation Research Board; and

WHEREAS, the Ohio Highway Transportation Research Board was required by Section 2 of the bill to reimburse the University for any monies advanced for the purchase of such land and that such reimbursement should be credited to the fund or funds from which said monies were advanced; and

WHEREAS, an agreement was entered into between the University and the Ohio Highway Transportation Research Board on February 13, 1970, which provided for the transfer of such lands and the reimbursement and crediting of such funds in accordance with the terms of Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio; and

WHEREAS, the Ohio Highway Transportation Research Board has reimbursed the University for its advancement of $1,000,000 for the acquisition of such land by crediting the amount of $1,000,000 to the Improvements Fund created by Section 129.51, Revised Code, that being the fund or funds from which said monies were advanced;

NOW, THEREFORE, BE IT RESOLVED, that the President of The Ohio State University be authorized to sign a transfer of such State-owned lands on behalf of the University to the Ohio Highway Transportation Research Board, all in accordance with the provisions of Section 2 of the Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the above resolution was adopted by unanimous roll call vote.
E. Undergraduate Library and Service Center (Joseph Sullivant Hall) - Employment of Engineer

President Fawcett recommended that the engineering firm of W. E. Monks and Company, Columbus, Ohio, be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning, and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost, and field supervision of construction as required.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works and funds have been provided for this project from Budget Account 801095 (Undergraduate Library); a proposed appropriation in the 1971-73 Capital Improvements Bill, and proposed reappropriation from Item 315-061 Undergraduate Library), H. B. 828.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

F. Unemployment Compensation - Employment of Management Program Consultants

President Fawcett recommended that the Executive Director for Personnel Services be authorized to proceed to employ Gates, McDonald & Company, Columbus, Ohio, as Management Program Consultants in connection with the administration of the unemployment compensation function to be accomplished during the period August 1, 1971, to December 31, 1971, and for the calendar years 1972 and 1973.

The fee for this service will be negotiated not to exceed $3,640 for the period August 1, 1971, to December 31, 1971, then at an annual rate not to exceed $40,000 per year for the calendar years 1972 and 1973. Funds for this service will be provided from Budget Account 124710 (Personnel Services).

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

G. Control of Dogs and Other Animals - Amended Rule 61.09

President Fawcett recommended that the Animal Leash Rule Number 61.09, under date of July 31, 1969, as adopted by the Board of Trustees for the University be amended since our experience shows a greatly increased number of animals on the grounds, in buildings, and in housing units resulting in health, nuisance, and cost problems.

Therefore, it was recommended that a revised rule for increased animal regulation, prohibition, and enforcement be enacted. This section shall not apply to seeing-eye dogs when accompanied by their masters nor shall it apply to animals used for approved research or observation in classroom, laboratory, farm, or clinical facilities. All animals other than those specifically excepted are to be leashed.
Control of Dogs and Other Animals - Amended Rule 61.09 (continued)

Violators will be subject to University discipline for violation of University rules and animals impounded under a $15 per day charge.

The proposed rule has been reviewed and approved by designated legal counsel.

Section 1. No person, being the owner or keeper, or harboring or having charge of any dog or other animal, shall permit the same upon the grounds of The Ohio State University unless it be under the personal control of its owner or keeper by a leash not more than 6 feet in length. A dog or other animal, leashed but unattended, is not under the personal control of its owner or keeper. Nor shall such a person, being the owner or keeper, or harboring or having charge of any dog or other animal, permit the same in any University building or housing. This section shall not apply to seeing-eye dogs when accompanied by their masters nor shall it apply to animals used for approved research or observation in classroom, laboratory, farm, or clinical facilities.

Section 2. Any dog or other animal found upon the grounds of The Ohio State University or in or upon any University building, except as permitted pursuant to the provisions of Section 1 hereof, may be taken into custody and impounded by University authorities. The University shall hold such dogs or other animals in an impounding facility on the grounds of the University for at least 36 hours, after which time the University will turn the same over to the Humane Society for disposition.

Section 3. Any suspected rabid dog or other animal shall be held in isolation under observation by a person and in a place suitable to University officials for a period of at least 10 days after such animal is taken into custody in order to determine the definite development of rabid symptoms or for such further period as an examining veterinarian may deem necessary.

Section 4. The owner or keeper of any dog or animal impounded by University officials pursuant to this rule shall pay to the University for costs incurred in the impounding of such animal a fee of $15 per day or any part thereof that the animal is held in University facilities plus any reasonable charges for registration and inoculation against rabies in accordance with Chapter 955, Ohio Revised Code, and Chapter 707, Columbus City Code, and provided that the total charge to the owner imposed by the University for any animal held for more than two days pursuant to Section 3 herein shall not exceed $50. No dog or other animal may be released without proof of such registration and inoculation.

Section 5. The term animals, as used in this rule, shall include all kinds of animals, fish, fowl, reptiles, and amphibians, whose natural characteristics or actions may damage University property, create a disturbance or otherwise interfere with or disrupt normal University activities.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the above recommendation was approved by a seven to one roll call vote, with Mr. Dunlap casting the negative vote.
September 2, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

G. Control of Dogs and Other Animals - Amended Rule 61.09 (continued)

In discussing the motion Mr. Dunlap indicated that he was quite reluctant to support the motion as he could appreciate the point of view expressed by Mr. Rosenberg. He noted that he could also appreciate the problem of permitting the dogs to run unleashed.

Dr. Sirak raised the possibility of permitting dogs to run on a portion of the athletic fields.

Dr. Moulton said that the students living in the dormitories used the athletic fields for recreational purposes and that these two uses were not compatible.

President Fawcett said that this revised rule had been carefully reviewed with legal counsel and compared with a number of dog ordinances at other universities and that this seemed to offer a moderate approach to this growing problem.

H. Completion of 3rd Floor - Center for Tomorrow, Employment of Engineers

President Fawcett recommended that the engineering firm of Heapy and Associates be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning, and electrical work for the completion of the 3rd floor of the Center for Tomorrow, including design, preparation of drawings, specifications, estimate of cost, and periodic field supervision of construction as required. Through private contributions it will now be possible to provide additional revenue producing guest rooms which were deleted from the original structure because of a limitation of funds.

The fee for this service will be negotiated based upon the estimated cost of the Mechanical and Electrical work. Funds have been provided from Budget Account 52374 (Center for Tomorrow Fund).

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

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Earl Hayes Baxter, Professor Emeritus in the Department of Pediatrics; Ernest R. Biggs, Associate Professor in the School of Health, Physical Education and Recreation, and Head Athletic Trainer in the Department of Athletics; Mikhail V. Condoide, Professor Emeritus in the Department of Economics; William Eugene Dickerson, Professor Emeritus in the College of Administrative Science - Faculty of Accounting; Willard Frost Guard, Professor Emeritus in the College of Veterinary Medicine; Florence McBride, County Extension Agent Emeritus, Home Economics, Cooperative Extension Service; and William E. Warner, Professor Emeritus in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.
A. Earl Hayes Baxter

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 16, 1971, of Earl Hayes Baxter, M.D., Professor Emeritus in the Department of Pediatrics.

Dr. Baxter was born in Mt. Vernon, Ohio, September 9, 1892, the son of Charles Chase and Etheline Hayes Baxter. He spent his boyhood days on a farm and attended a one-room school in his early youth. After graduating from high school in 1910, he taught at a country school near Mt. Vernon for a brief period. He received his Bachelor's degree in 1915 and his Doctor of Medicine degree in 1918, both from The Ohio State University.

Dr. Baxter had postgraduate training at the University of Michigan, Philadelphia Children's Hospital, Rush Medical College, and in 1936, in the Vienna Clinics. He started his practice of pediatrics in Columbus in 1921 and throughout the years until his last illness maintained a busy schedule of practice and consultation. He joined the faculty of The Ohio State University in 1918 and continued teaching until he became Professor Emeritus in 1963. In 1941, when the Department of Pediatrics was established in the College of Medicine, Dr. Baxter became Professor of Pediatrics and the first Chairman of the Department. He served as Chief of Staff at Children's Hospital from 1939 to 1963, and from 1937 to 1963 he was Chief of Pediatric Services at the University Hospital. He was certified by the American Board of Pediatrics in 1937 and had membership in many professional societies including the American Academy of Pediatrics and the Midwest Society for Pediatric Research. He was President of the Academy of Medicine in Columbus and Franklin County in 1955 and was selected as Man of the Year by the Class of 1961 in the College of Medicine.

Dr. Baxter was one of the early pediatricians in Central Ohio and was a pioneer in the development of the Department of Pediatrics and of the Columbus Children's Hospital. He bridged the transition from the old to the new in the College of Medicine and after the Department of Pediatrics was established under his leadership it flourished and grew into a major medium for education and research in child health. His guidance was instrumental in the rapid growth of Children's Hospital to the present status of a nationally recognized institution for child care and a center for teaching medical personnel and those entering allied professions.

Earl Baxter had more responsibilities and demands upon his time than most, but he was never too busy to take time from his administrative chores, teaching responsibilities, or practice to give his whole attention to the personal problems of a young student or resident, a colleague or the family of a sick child. His warmth of personality, his vigor and decisiveness and, most of all, his concern for young people, whether they were children under his care or students preparing for the health professions, are legendary. Earl Baxter looked out for the interests of his dominions when to him it seemed necessary. He was one to change the schedule of a busy day to visit the Dean or a Vice President or the President of a corporation if he sensed an inattention to his department or a need at the hospital.
RESOLUTIONS IN MEMORIAM (continued)

A. Earl Hayes Baxter (continued)

The Department of Pediatrics of the College of Medicine, the Columbus Children's Hospital, the countless physicians who came under his influence in the College of Medicine, and the pediatricians who went through the training program in the Department of Pediatrics, as well as the thousands who were his patients, are monuments to his deep involvement in the health and well-being of all with whom he had contact. His energy, humor, and deep interest in people are engrained in the memories of those who knew him.

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

B. Ernest R. Biggs

The Board of Trustees of The Ohio State University expresses its sorrow at the August 7, 1971, death of Ernest R. Biggs, Associate Professor in the School of Health, Physical Education and Recreation, and Head Athletic Trainer in the Department of Athletics.

Nationally recognized as one of the top men in his field, in the care and prevention of athletic injuries, Mr. Biggs has been associated with The Ohio State University since his undergraduate student days.

The son of a Methodist minister, "Ernie" was born in Texas, November 28, 1916. He moved to West Liberty, Ohio, at an early age and it was here that he took his formal schooling. He entered The Ohio State University in the fall of 1935 and received his B.S. degree in 1939. As an undergraduate, he served as a student assistant trainer for three years.

Following his graduation, he was appointed full-time assistant trainer in 1939 and remained in the employ of the Department of Athletics until his death, save for a year in the Dean of Men's Office, while taking graduate work in 1941. He earned a M.A. degree in 1941.

In 1942 Mr. Biggs was named head athletic trainer, a position he held with distinction.

Quiet, efficient, understanding, dedicated, and extremely capable - this would be a way of describing Ernie's unusual charisma. He liked people and he understood them and his compassion for his fellowman was always discernible. He especially liked athletes, and he devoted his life to caring for them.

During his many years at The Ohio State University, Ernie worked with nearly every varsity athlete and with all the varsity coaches. The unusual esteem and respect shown for Mr. Biggs is mute tribute to his ability and character.
X. RESOLUTIONS IN MEMORIAM (continued)

B. Ernest R. Biggs (continued)

Ernest Biggs did much to upgrade the athletic training profession. He held a patent on a special knee support and he developed an ankle brace which he also patented. He co-originated a conditioning spat, containing variable weights, that is used by countless athletes. He conducted numerous clinics throughout the country and became a recognized authority on the care and prevention of athletic injuries. Mr. Biggs served on the Board of Directors of the National Athletic Trainers' Association and was one of eight U.S. trainers in the 1964 Olympic Games in Tokyo.

On behalf of the University at large, the Board of Trustees expresses its deep sympathy to the family. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board’s heartfelt sympathy.

C. Mikhail V. Condoide

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 6, 1971, of Mikhail V. Condoide, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics.

Professor Condoide was born September 29, 1898, as Mikhail Vladimirovitch Kondoidy, of an aristocratic Russian family, in Samara, Russia, where his father, later Governor of Moscow in World War I and Member of the Imperial Council, was Governor of the Province of Samara. Young Mikhail’s education was interrupted by World War I, but before entering the war as a cavalry Lieutenant in the Fourth Uhlans of Kharkov, he had graduated from the Imperial College of Alexander I in St. Petersburg and from the Emperor Nicholas Cavalry Academy. During the Russian Civil War Professor Condoide served as a Staff Lieutenant in the White Russian Army until his unit was evacuated from the Crimea into Turkey in 1919. He worked his way to Vienna and then to Paris where, as a young Russian Emigre, he resided with an aunt, worked at various occupations, and studied at the Sorbonne.

In the late 20's, Dr. Condoide emigrated to the United States and in 1929 married Jessie Morrey, talented daughter of the late Dr. Charles B. Morrey, distinguished Professor of Anatomy and Bacteriology at The Ohio State University for many years. Dr. Condoide enrolled at The Ohio State University and earned, successively, the B.A. degree, and graduate degrees in economics of M.A. and Ph.D., the last in 1949.

Professor Condoide first became a member of The Ohio State University staff in 1938 as a Research Assistant in the Bureau of Business Research. He served in the Bureau until 1963, but began teaching in the Department of Economics in 1942. He was appointed Associate Professor of Economics in 1955, Professor in 1960, and Professor Emeritus in 1969.
Professor Condoide was multi-lingual, being fluent in Russian, French, and English. With Russian his native tongue it was natural that within his academic field of International Trade and Finance he should make Soviet Economics his major specialty, and that he should distinguish himself in this field, becoming internationally known for his works on the Soviet financial system and foreign trade. He was an able teacher and by the breadth of his knowledge and the intensity of his presentation contributed to the understanding of socialist and especially Soviet economics of a generation of students. Dr. Condoide was especially known for his writings which were in a polished, concise, and extraordinarily lucid English. His books, Russian American Trade and, particularly, The Soviet Financial System, are examples of the perfection of his literary style. In addition to articles and book reviews, a final contribution to the literature in his field was his co-editorship of Soviet Foreign Relations and World Communism, published in 1965 by Princeton University Press.

In all of his teachings and his analyses of Soviet economic policies and trends, Professor Condoide maintained an attitude of complete objectivity and scholarly detachment. Where a lesser man might have been embittered and biased by his experience during the Russian Revolution and the violent severance of his patrimony and position, Professor Condoide was able to view this social and political upheaval and his own fortunes in a larger perspective. In fact, it was apparent that he had great sympathy for the deprivations of the Russian masses and the egalitarian aims of the Revolution, if not its methods.

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

D. William Eugene Dickerson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 13, 1971, of William Eugene Dickerson, Professor Emeritus in the College of Administrative Science - Faculty of Accounting.

Professor Dickerson was born in Chicago, Illinois, on February 3, 1897. He received his B.B.A. degree in 1921, and his M.B.A. degree in 1923 from the University of Washington. He obtained his Ph.D. degree from the University of Chicago in 1926. Before coming to The Ohio State University, he also held academic positions at the University of Chicago, University of Kentucky, and University of Pittsburgh. Coming to The Ohio State University as an Assistant Professor in 1929, he advanced to Professor in 1946.
X. RESOLUTIONS IN MEMORIAM (continued)

D. William Eugene Dickerson (continued)

Professor Dickerson, a Certified Public Accountant in Ohio since 1933, served as a consultant and was joint author of books on federal income taxes, and state and local taxes. He also contributed articles to professional journals. His research studies included studies in tax compliance cost, operating costs in the retail drug trade, excise profits, tax refunds claims, and the organization and control of The Illinois Bell Telephone.

In addition to a full career in University teaching, Professor Dickerson was called upon to serve on University councils and committees. Throughout his active career, he was continuously involved in educational and professional organizations in his field of specialization. In 1951, he served as national president of Beta Alpha Psi. In 1961-62, he was vice president of the American Accounting Association.

A recognized authority in the field of income taxation in Ohio and nationally, Professor Dickerson as a member of the Committee on Federal Taxation of the American Institute of Certified Public Accountants in 1959 was one of eight persons designated to testify before the Tax Writing Committee of the House Ways and Means Committee. He was largely responsible for the acceptance of the concept of "Income Averaging" in the present Federal Income Tax Law.

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

E. Willard Frost Guard

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 12, 1971, of Dr. Willard Frost Guard, Professor Emeritus in the College of Veterinary Medicine.

Dr. Willard Frost Guard was born January 29, 1890, on a farm near North Bend, Ohio. He attended The Ohio State University receiving his Doctor of Veterinary Medicine degree in 1912. From 1912 to 1913 he served as house surgeon in the College and from 1913 to 1914 he operated a private practice. In 1914, Dr. Guard joined the staff of the Veterinary College at Iowa State University where he advanced in rank from Assistant Professor to Head of the Department of Surgery and Director of Clinics, a position he held until 1929. Later in 1929, he joined the staff of his Alma Mater as Professor and Head of the Department of Surgery and Clinics in which capacity he remained until 1947. From 1947 to 1957, he served as Professor and Chairman of the Department of Surgery and from 1957 to 1958, he served as a Professor. In 1958, he was appointed technical advisor to the College of Veterinary Science and Animal Husbandry in Bikaner, India. After eighteen months service in India, he returned to The Ohio State University just prior to his retirement on July 1, 1960.
September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Willard Frost Guard (continued)

In addition to his busy career, Dr. Guard was an active member of the Upper Arlington City Board of Health from 1944 to 1958 and served as Deputy Health Commissioner from 1955 to 1956.

His endeavors included membership in many local, state, and national professional organizations. He represented veterinary surgery at the International Veterinary Congress in 1934 and was President of the Ohio State Veterinary Medical Association in 1938. He was a member of Sigma Xi, Phi Kappa Phi, Phi Zeta and was awarded the "Gamma Key" of the Omega Tau Sigma Fraternity in 1953. He was an organizer and first president of the Equine Practitioners Association of America.

For his broad interest and contribution to the profession of veterinary medicine, for his fine leadership in the field of clinical medicine, and for his sincere interest in teaching and the maintenance of high standards of education, the faculty of the College of Veterinary Medicine, The Ohio State University, conferred upon Dr. Willard F. Guard the Distinguished Alumnus Award in June, 1971.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Guard its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

F. Florence McBride

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 14, 1971, of Mrs. Florence McBride, County Extension Agent Emeritus, Home Economics. Mrs. McBride served as Home Economics Agent in Mahoning and Athens Counties.

Mrs. McBride was born December 17, 1895, near Summerfield, Ohio. She attended school in Monroe County and was graduated from Woodsfield High School in 1916. She attended Ohio University, Athens, Ohio, where she received a Bachelor of Science in Education degree in 1926. She taught school in Monroe, Noble, and Athens Counties, and served as Home Demonstration Agent in West Virginia for one year. Mrs. McBride was appointed Home Demonstration Agent in Mahoning County in 1927 and served there until she resigned in 1943. She returned to the employment of the Cooperative Extension Service in 1950 when she was appointed County Extension Agent, Home Economics in Athens County. She served in Athens County until her retirement in 1961.

During her career as a faculty member of the Ohio Cooperative Extension Service, Mrs. McBride was highly respected by the people with whom she worked in both Mahoning and Athens Counties as well as by her co-workers throughout Ohio. She was an excellent teacher and developed many outstanding programs for the families with whom she worked.
X. RESOLUTIONS IN MEMORIAM (continued)

F. Florence McBride (continued)

Among the honors she received was the Distinguished Service Award from the National Home Demonstration Agents Association in 1958. Mrs. McBride was also honored by the Ohio County Extension Agents Association and Epsilon Sigma Phi, national extension fraternity in 1958. She served as chairman of the Ohio Home Economics Agents in 1956.

On behalf of the University community, the Board of Trustees expresses to the husband of Mrs. McBride its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be sent to Mr. McBride as a sincere expression of the Board's realization of the loss which he and the University have sustained.

G. William E. Warner

The Board of Trustees expresses its sorrow at the death on July 11, 1971, of William E. Warner, Professor Emeritus in the College of Education.

Dr. Warner was born in Roanoke, Illinois, on August 22, 1897. He received his baccalaureate degree at the University of Wisconsin in 1923. In 1924 he received a M.S. degree from that same institution. His Ph.D. degree was received from Columbia University in 1928.

Dr. Warner taught five years in the public schools of Wisconsin and New York, pioneering the general shop concept, a new departure from the unit shops which were a product of early manual training. In 1925, he was appointed an Assistant Professor in the Department of Education at The Ohio State University. He was subsequently awarded the titles of Associate Professor and Professor, being accorded the title of Professor Emeritus upon his retirement in 1967. During this tenure he pioneered both the laboratory of industries and the curriculum to reflect technology.

Dr. Warner founded Epsilon Pi Tau in 1929, serving as executive secretary until 1970. From Ohio State's Alpha Chapter, this honorary fraternity has grown to a world-wide organization of more than eighty chapters with more than 20,000 members. Dr. Warner also was the founder and first president in 1939, of the American Industrial Arts Association, a department of the National Education Association. Throughout his distinguished career, Dr. Warner promoted educational leadership through graduate instruction and advisement. He served as major adviser to about fifty recipients of the Ph.D. degree from The Ohio State University, plus more than one hundred and thirty-five candidates for the master's degree.

Dr. Warner was a veteran of World War I and World War II, rising to the rank of Lieutenant Colonel in the Army. He was assigned to General Eisenhower's staff at SHAEF in London and Versailles. After returning to the University at the close of World War II, he took a leave of absence in 1950 to accept the post of Ohio Civil Defense Director. In April, Dr. Warner was the recipient of a special tribute from the American Industrial...
September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

G. William E. Warner (continued)

Arts Association, and a plaque memorializing his contributions to the association is displayed in the national headquarters in Washington, D. C. Just the week before his death, the Ohio Legislature commended him as one of Ohio's exemplary citizens for his outstanding career as an educator, speaker, author, consultant, organizer, and developmental leader.

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

XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Construction of Office Building on Kenny Road for Use of the Center for Vocational and Technical Education

In accordance with authorization provided by the Finance and Investment Committee bids have been taken on the above project and it is recommended that a lump sum contract be awarded to Six Industries, Inc. (Springfield) in the amount of $992,000 for the construction of a shell building complete with all services. Additional interior work will be in accordance with unit prices included in the bid. Total project costs are not to exceed $1,150,000.

Funds will be provided from the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above award of contract was approved by unanimous roll call vote.

2. Appropriations for University Administrative Officials

Mr. Hilliker moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1971-1972 be as follows: (1) to the President, $10,000.00; (2) to each of the persons holding the following titles, $1,000.00 - Executive Vice President; Acting Provost and Acting Vice President for Academic Affairs; Vice President for Administrative Operations; Executive Assistant to the President and Secretary
XI. REPORTS (continued)

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

2. Appropriations for University Administrative Officials (continued)

To the President's Cabinet; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Vice President for Regional Campuses and Dean of the University College and (3) an additional amount of $3,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Eckley and approved by unanimous roll call vote.

3. Abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as Dormitory Facilities

The Women’s Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight International House were named in Section 1601 of the Dormitory Trust Agreement as "dormitory facilities" and have been operated jointly by the Office of Student Affairs and the Division of Business and Finance as student aid facilities and to provide for special needs of International Students.

As a result of the reorganization of the Residence Halls operation and since the program under which they are operated is not consistent with the use of dormitory facilities under the Trust Agreement, Mr. Hilliker, Vice Chairman of the Finance and Investment Committee, presented the following resolution:

RESOLUTION concerning the abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as dormitory facilities pursuant to Section 8.01 of the Original Trust Agreement dated as of April 15, 1957.

WHEREAS, on April 8, 1957, this Board of Trustees adopted the Original Bond Resolution pursuant to which a Trust Agreement dated as of April 15, 1957, between The Ohio State University and this Board and The Ohio National Bank of Columbus, as Trustee, has been entered into (herein called the Original Trust Agreement and, together with First through Fifth Supplemental Trust Agreements, called collectively the 'Trust Agreement'), and under which Trust Agreement Dormitory Revenue Bonds, Series A through J, inclusive, of the University have been authorized and issued; and
WHEREAS, the buildings known as the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House are each one of the Dormitory Facilities defined in said Trust Agreement, and this Board has determined that it is for the best interest of the University that the use of said Hall and House as dormitory facilities be discontinued and that they be devoted to other uses of the University; and

WHEREAS, pursuant to Section 8.01 of the Original Trust Agreement authorizing the University to abandon the use of Dormitory Facilities for dormitory purposes upon there being furnished to the Trustee a certificate signed by the President and the Vice President and Business Manager of the University (now its Treasurer), approved by this Board, containing the information required under Section 6(b) of the Original Bond Resolution and showing that after such abandonment there would be one and three-tenths times net income coverage of the maximum principal and interest requirements of all Bonds outstanding which would be required by said Section 6(b); and such certificate having been signed by the said officers of the University and submitted to this Board and attached to this Resolution as Exhibit A (page 229) and made a part hereof;

NOW, THEREFORE, be it resolved by the Board of Trustees of The Ohio State University that:

Section 1. The certificate of the President and Treasurer of the University, attached hereto as Exhibit A, is hereby determined to be in compliance with Section 8.01 of the Trust Agreement and Section 6(b) of the Original Bond Resolution, and said certificate is hereby in all respects approved.

Section 2. The University shall and does hereby abandon and discontinue use of the buildings known as Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities pursuant to Section 8.01 of the Original Trust Agreement, effective as of September 7, 1971, and after said date said buildings shall not be deemed to be one of the Dormitory Facilities for the purposes of the Trust Agreement.

Section 3. The Secretary of the Board of Trustees is hereby directed to cause to be delivered to the Trustee, prior to September 7, 1971, a certified copy of this Resolution and the certificate attached hereto, and to obtain the receipt of the Trustee therefor.

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

THE OHIO STATE UNIVERSITY

Certificate of the President and the Treasurer of The Ohio State University pursuant to Section 8.01 of Trust Agreement dated as of April 15, 1957 for purposes of permanently abandoning the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities.

We, the undersigned President and Treasurer (performing duties of the office formerly known as the Vice President and Business Manager) of The Ohio State University, do hereby certify as follows pursuant to Section 8.01 of the Trust Agreement, dated April 15, 1957, between The Ohio State University and its Board of Trustees and The Ohio National Bank of Columbus, as Trustee, and pursuant to Section 6(b) of the Bond Resolution set forth as part of said Trust Agreement, for the purposes of permanently abandoning the buildings known as Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities thereunder:

(A) That

1. Actual Net income from all Dormitory Facilities of the University for the preceding fiscal year (July 1, 1970 to June 30, 1971), none of which are to be abandoned (except the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House and all of which are suitable for continuous use as Dormitory Facilities for the terms of the Series A through J Bonds issued and outstanding pursuant to the aforesaid Trust Agreement: $2,438,926

2. Actual Net Income from the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House, for the preceding fiscal year (July 1, 1970 to June 30, 1971): $813

3. Actual Net Income, excluding net income from the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House for the preceding fiscal year (1. minus 2.): $2,438,113

4. Adjustment to 3. to reflect increased rates effective September 1, 1971 and to give recognition to anticipated changes in operating costs: $596,050

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Certificate (continued)

5. Total actual Net Income from Dormitory Facilities, as adjusted (3. plus 4.) $3,034,163

6. Maximum amount to become due in any succeeding fiscal year (namely, the fiscal year ending June 30, 1972) for the payment of principal and interest on all Bonds now outstanding (Series A through J, inclusive) 1,955,225

7. Adjusted Net Income (5. above) is 1.55 times the maximum annual principal and interest requirement (6. above).

8. The foregoing computations, to the extent they are estimates, are based on an assumed occupancy of not more than 95 percent of capacity of the Dormitory Facilities in question.

9. There were not included in Net Income figures above any receipts against which there is any prior claim other than the use thereof for operating expenses included in computing Net Income.

10. Since the beginning of the current fiscal year (July 1, 1971) there has been no material change which would affect the estimates set forth in the foregoing computations.

(B) That the terms "Dormitory Facilities," "Net Income" and "Bonds" as used in this certificate have the same meanings given to such terms in the aforesaid Trust Agreement as supplemented.

(C) That the University is not in default in the performance of any of the covenants provided in the aforesaid Bond Resolution, the Trust Agreement or any supplement thereto and is current in all payments required to be made thereunder.

President of The Ohio State University

Dated: September 2, 1971

Treasurer of The Ohio State University
September 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

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

4. Authorization to Sell and Acquire Securities

RESOLVED, that the two following officers, namely, the President and Treasurer, be and hereby are jointly authorized and empowered to sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities, corporate or otherwise, standing in the name of, or belonging to, this University in any capacity.

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

B. Report on the University's Investment Portfolio

The report dated September 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Friday, October 1, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

Edward Q. Moulton
Secretary

James W. Shockey
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, October 1, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
October 1, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

A. Meeting Place

Chairman Shocknessy stated that the Board meeting was being held in the Center for Tomorrow so as to accommodate a larger number of people who have indicated a desire to attend our meetings.

B. Meeting with Student Leaders

The Chairman stated that he recently had met with two of the elected student leaders--Mr. Friedman and Mr. Yapalater--and that Dr. Ted Robinson was also present at his request. He indicated that the meeting was a pleasant one, productive of understanding, and that he found Mr. Friedman and Mr. Yapalater reasonable and knowledgeable young men. He told them, however, at the conclusion of this meeting that he would not expect to meet with them thereafter, since there are administrators employed by the University who are charged with the responsibility of working directly with students and all other constituencies of the University on a day-to-day basis. Mr. Friedman and Mr. Yapalater agreed that they would proceed on this basis unless the channels of communication between students and the Administration broke down, whereupon they might return to Mr. Shocknessy.

Further, Mr. Shocknessy reported that he had the assurance of President Fawcett that there is no reason for the channels of communication to break down but if they do it is understood that the Board will always be ready to husband its responsibilities including meeting with student leaders when appropriate.

C. Requests to Speak

Mr. Shocknessy said that no requests had been made to appear before this meeting of the Board.

D. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

Mr. Ketterer, Chairman of the Presidential Search Committee, recently informed me that the Committee was making very satisfactory progress. The Committee members are in the process of reviewing credentials of a rather large number of prospects and expect to be able to fulfill the schedule which proposed that a list of five nominees be presented to this Board on December 15. I cannot say much more at this time since I have not in any respect injected myself, nor has any member of this Board injected himself into the affairs of the Search Committee. The Committee is perfectly free to exercise its best judgment in preparing the list of nominees for the Board's consideration. In turn, it is the Board's hope that it would be able to choose a
D. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy's statement (continued)

President from the list. If, however, there is no one on this list that the Board is able to agree upon, then the Board will be obliged to seek other nominations. The Board would hope, however, in this circumstance that it would not be seeking these nominations but that additional nominations would come from the Search Committee from which the President might be selected. I have been asked by some members of the Search Committee privately what the Board would do in the event that it was not able to appoint a person from the list provided by the Committee. I answered by saying that probably the Board would garner other names and request the Search Committee to examine any additional names that it or the Board might have at that time. I asked Mr. Ketterer when he submits the list of five nominations, not to consider the Search Committee dissolved, but rather that it should be available to the Board for whatever assistance might be required until this University has selected a President. And I would hope that a President will be selected by next spring.

As you know, it remains impossible to submit a final budget for your approval because the General Assembly has not yet passed an appropriation bill, but perhaps I should take a minute or two to bring you up to date on the financial picture for the current biennium.

Even with the uncertainty about where we stand with regard to legislative appropriations, I am pleased to report we are in a 'go' position for the Fall Quarter. If the appropriation act provides a subsidy at the $67,000,000 level approved by the House and used in our provisional budget and authorizes the Instructional Fees the Regents have already approved, I am confident that we can keep most of our commitments and continue the momentum we have developed in enhancing the quality of the total educational program at Ohio State.

The fee schedule we built into all alternative budget considerations beginning last spring has been approved by the Regents, is consistent with the best information we could get from the General Assembly and is permissible on advice of legal counsel through the Cost of Living Council. Moreover, the approved fees are absolutely essential if we are to have adequate support for our programs.
Interim legislative budgets have contained varying language concerning fees, but there is general agreement with Representative Kerns' statement that the language in interim budgets is not intended to invalidate the Regents' action in approving fee increases.

Recognizing the confusion surrounding fees, we have created a separate account for the increases in the unlikely event we should be required to make refunds.

In addition to encouraging an adequate level of State support there are two other important factors that should help us achieve our goals as one of the best comprehensive universities serving the State and the Nation.

First, the provision of the Regents Master Plan for Higher Education permits us to stabilize enrollments. At the close of business on September 28, the deadline for registration, without penalty, there were 45,760 students enrolled on the Columbus Campus, and an additional 4,064 students on the four Regional Campuses. With present facilities and resources this is an optimum enrollment. We have successfully responded to the pressures for growth in numbers over the past decade and now that there is a leveling off of enrollments we can turn our energies to enhancing the quality of our faculty, our curriculum, and all the programs and activities that constitute a great university and provide a first rate environment for learning.

The other key factor, in my judgment, is the level of federal and private support of the University. A broad indication of the importance of this support is the fact that last year the Development Fund raised more than $10,000,000 from the private sector. The Research Foundation and the Engineering Experiment Station received about $19,000,000 and the Business Office administered over $29,000,000 from a variety of corporate and federal grants and contracts.

I take this support as evidence of the high regard others have for this University and I hope we can do at least as well or better in the year ahead.

The private support we are getting from individuals, corporations and foundations is especially encouraging because it represents an endorsement of what we are doing here and of our importance to society. This does not diminish the need for State support. Rather it supplements it and gives us the margin of excellence--that extra degree of flexibility that makes it possible to achieve the goal of quality.

Not too many years ago there was virtually no private support of public universities. The shift in attitude has, I think, resulted from our record
STATEMENT BY PRESIDENT FAWCETT
ON THE STATUS OF THE BUDGET (continued)

of accomplishment and the growing recognition that universities like Ohio State are meeting the educational needs of 75 percent of the Nation's students, conducting much of the country's best research and making many significant contributions to society through a variety of public service programs.

More important, our private support shows that many people have a deep desire to assist higher education. Our own alumni--those who know us best--are supporting Ohio State in record numbers. At the same time there has been a dramatic increase in the number of major donors. The Presidents Club, for example, has grown from a small band of loyal individuals to an organization of 695 people who have contributed or pledged more than $16,000,000 in eight years since 1963.

Another evidence of increasing support by major donors has been the funding of six (6) endowed chairs and eleven (11) professorships over the past five years, bringing the total to eight (8) endowed chairs and some twenty-one (21) professorships.

And then there have been a few of those very special gifts such as the $1,000,000 incentive grant from the Benedum Foundation to help us get started on a new center for recreation, physical education, and intramurals, which will require slightly more than $5,000,000 from capital appropriations plus an additional $4,000,000 from the private sector.

All of our friends seem to sense the potential we have for greater quality, for improving our ability to carry out our mission, and for responding to critical contemporary problems.

I hope we can continue to strengthen this tradition of private support. We are at a crossroads at the moment and any future course will require expanded sources of support and dedicated teamwork on the part of the taxpayers and private philanthropists.

The achievement of future goals will require the continuing leadership and support of this Board. I know you will give full measure. And I hope it gives you confidence to know that 1971-72 promises to be the best year yet in the distinguished history of The Ohio State University.
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of Trustee for the Pooled Income Fund

President Fawcett recommended that the appointment of Dean James R. McCoy, College of Administrative Science, be approved to fill the vacancy created by the resignation of Vice President Gordon B. Carson on the Board of Trustees for the Pooled Income Fund, effective for a period of one year—October 1, 1971 through September 30, 1972.

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

B. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and Board of Trustees, that the honorary degree--Doctor of Humane Letters--be conferred on William Jovanovich at the Autumn Quarter Commencement, December 17, 1971.

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

II. PERSONNEL CHANGES

Personnel changes since the September 2, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Changes in Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Changes in Responsibility

Robert W. Teater from Associate Dean of the College of Agriculture and Home Economics to Associate Dean of the College of Agriculture and Home Economics and Director of the School of Natural Resources (part time - 70%), and Professor (part time - 10%), in the Cooperative Extension Service, effective November 1, 1971, at a salary of $22,120.00 per annum. He will continue to hold the academic rank of Professor in the Department of Agronomy at No Salary. Dr. Teater is employed at the Ohio Agricultural Research and Development Center as Chairman of the Department of Natural Resources and Professor in the Department of Agronomy (part time - 20%), at a salary of $5,688.00 per annum.
II. PERSONNEL CHANGES (continued)

A. Changes in Responsibility (continued)

Don E. Cook from Associate Director of Admissions to Coordinator of the Presidents Club in The Ohio State University Development Fund, effective October 15, 1971, at a salary of $17,568.00 per annum.

Elaine Hayden Hairston from Assistant Project Supervisor in the College of Medicine to Associate Director of Affirmative Action Programs in the Office of Personnel Services, effective October 1, 1971, at a salary of $15,528.00 per annum.

B. Appointment

Ralph R. Widner, Director, Academy for Contemporary Problems, effective November 1, 1971, at a salary of $45,000.00 per annum. This is a joint appointment with Battelle Memorial Institute with the two institutions sharing the cost.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Roger A. Miller, Associate Professor (Extension Agricultural Engineer), effective October 1, 1971 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

Robert Lee Kirkbride, Instructor (Area Extension Agent, 4-H) Canfield Area Center, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at Youngstown State University.

D. Leaves of Absence Without Salary

Hugo Bekker, Professor, Department of German, effective October 1, 1971 through December 31, 1971, to be a Visiting Professor at the University of British Columbia, Vancouver, B. C., Canada.

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October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Anthimos J. Christoforidis, Professor, Department of Radiology, effective October 1, 1971 through May 15, 1972, to serve as Visiting Professor and Consultant for the development of new curricula for medical students and post-M.D. students in the Department of Radiology at the Medical School of the University of Salonika, Greece.

Paul A. Colinvaux, Professor, Department of Zoology, effective October 1, 1971 through December 31, 1971, to serve as the Ecologist in Residence for the British Conservative Party; and effective April 1, 1972 through June 30, 1972, to be Visiting Professor of Quaternary Biology at the University of Washington.

John W. Sharp, Professor, Cooperative Extension Service, effective September 1, 1971 through September 15, 1971, to serve as an AID Special Consultant on Vietnam Grain Storage and Handling Study.

Halbert C. Smith, Jr., Professor, College of Administrative Science - Academic Faculty of Finance, effective October 1, 1971 through September 30, 1972, to be a Visiting Professor at the University of Florida during the academic year 1971-1972.

Mary E. Young, Professor, Department of History, effective October 1, 1971 through December 31, 1971, to conduct research.

Hao Chang, Associate Professor, Department of History, effective January 1, 1972 through March 31, 1972, to conduct research.

Hunter D. Hamlett, Adjunct Associate Professor, College of Education, effective July 1, 1971 through June 30, 1972, to fulfill previous professional commitments at Virginia State University.

Norman Rask, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective August 22, 1971 through September 18, 1971, to serve as a consultant for the Agency for International Development in Brazil.
II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Ting-Shu Wu, Associate Professor, Department of Engineering Mechanics, effective October 1, 1971 through September 30, 1972, for personal reasons.

Margaret E. Anderson, Instructor, University Libraries, effective October 1, 1971 through December 31, 1971, and February 1, 1972 through May 31, 1972, to fulfill residence requirements at Case Western Reserve University for her Ph.D. in Library Science.

Judith A. Graves, Instructor, School of Nursing, effective July 1, 1971 through September 30, 1971, for personal reasons.

E. Emeritus Title

Kathleen Scobie, School of Allied Medical Professions, with the title Professor Emeritus, effective September 1, 1971.

President Fawcett recommended that the Changes in Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
A. The Ohio State University and  
The Ohio State University Research Foundation  

SUMMARY  
(Period: August 11, 1971 - September 10, 1971)  

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In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
October 1, 1971 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal

a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as Project No. 2356 - Mod. #9 - Department of Medical Microbiology).
   Gross Value - $124,250.00.

b. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Project No. 2819 - Mod. #P00005 - Department of Electrical Engineering).
   Gross Value - $30,500.00.

c. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00003 - Department of Electrical Engineering).
   Gross Value - $100,000.00.

   Gross Value - $9,985.00.

   Gross Value - $55,645.00.

   Gross Value - $20,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

1. Government Research Contracts - Federal (continued)

   g. Department of Transportation, Federal Highway Administration,
      Contracts and Procurement Division, Washington, D. C., Phase II -
      Verification of Fracture Mechanics Concepts to Predict Cracking of
      Flexible Pavements (to be known as Project No. 3200-A1 - Mod. #2 - Department of Civil Engineering).
      Gross Value - $78,461.00.

   h. Department of Health, Education and Welfare, Public Health Service,
      Health Services and Mental Health Administration, Federal Health
      Program Service, Rockville, Maryland, Evaluation of the Impact of
      Community Emergency Medical Services Council (to be known as
      Project No. 3285-A1 - New - Department of Preventive Medicine).
      Gross Value - $8,407.00.

   i. Department of Navy, Office of Naval Research, Arlington, Virginia,
      Separated Flows (to be known as Project No. 3308-A1 - New -
      Department of Aeronautical and Astronautical Engineering).
      Gross Value - $60,000.00.

TOTAL - Government Research Contracts - Federal $487,248.00

2. Industrial and Other Research Contracts

   a. General Industrial, Study of Dental Caries (to be known as Project
      No. 2065-B - Ext. #5 - College of Dentistry).
      Gross Value - $63,594.00.

   b. General Industrial, Study of Dental Calculus (to be known as
      Project No. 2070 - Sponsor Ltr. Dtd. 8/6/71 - College of Dentistry).
      Gross Value - $35,096.00.

   c. University of Dayton, Research Institute, Dayton, Ohio, Consulting
      Services Under the Supervision of Dr. Robert Nerem (to be known
      as Project No. 3179-A1 - Purchase Order Dtd. 8/28/71 - Department
      of Aeronautical and Astronautical Engineering).
      Gross Value - $2,600.00.

   d. The Boeing Company, Wichita Division, Wichita, Kansas, Theoretical
      Evaluation of Surface Current and Charge Densities (to be known as
      Gross Value - $20,000.00.
October 1, 1971 meeting, Board of Trustees

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

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

   2. Industrial and Other Research Contracts (continued)

   e. A. Earl Cullum, Jr., and Associates, Consulting Engineers,
      Inwood Post Office, Dallas, Texas, Measurement of Scattering
      Characteristics of Scale Models of Buildings (to be known as
      Gross Value - $5,000.00.

   f. Ohio Advisory Council for Vocational Education, Worthington, Ohio,
      Allied Health Manpower Requirements in the State of Ohio (to be
      known as Project No. 3309-A1 - New - Department of Economics).
      Gross Value - $8,045.00.

   g. Research for Better Schools, Inc., Philadelphia, Pennsylvania,
      Self-Instructional Materials for Educational Project Management
      (to be known as Project No. 3312-A1 - New - College of Education).
      Gross Value - $9,800.00.

   TOTAL - Industrial and Other Research Contracts $144,135.00


   a. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Heart and Lung Institute,
      Bethesda, Maryland, Phytochemistry of Genus Thalictrum (to be
      known as Project No. 1497-H - Ext. #8 - College of Pharmacy).
      Gross Value - $31,268.00.

   b. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Eye Institute, Bethesda,
      Maryland, Mesencephalic Receptive Fields (to be known as Project
      No. 1881-G - Ext. #7 - College of Optometry).
      Gross Value - $24,250.00.

   c. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Heart and Lung Institute,
      Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac
      Arrhythmias (to be known as Project No. 2085-F - Ext. #6 -
      Department of Pharmacology).
      Gross Value - $44,711.00.

   d. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Institute of Arthritis and
      Metabolic Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid
      Interconversions (to be known as Project No. 2090-F - Ext. #6 -
      Department of Physiological Chemistry).
      Gross Value - $28,817.00.
October 1, 1971 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as Project No. 2512-D - Ext. #4 - Department of Anatomy).
      Gross Value - $24,262.00.

   f. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Sup. #5 - Department of Geodetic Science).
      Gross Value - $84,275.00.

   g. National Science Foundation, Washington, D. C., Collaborative Research on Interpersonal Perception and Behavior Prediction (to be known as Project No. 2749 - Amend. #1 - Department of Psychology).
      Gross Value - $74,800.00.

   h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-B - Ext. #2 - Department of Chemistry).
      Gross Value - $23,899.00.

      Gross Value - $42,300.00.

   j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A2 - Ext. #1 - College of Pharmacy).
      Gross Value - $19,084.00.

      Gross Value - $37,243.00.

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October 1, 1971 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)


m. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as Project No. 3303-A1 - New - Department of Biochemistry). Gross Value - $20,800.00.


o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Control of the Hexose Monophosphate Shunt in Red Cells (to be known as Project No. 3310-A1 - New - Department of Medicine). Gross Value - $17,564.00.

p. National Science Foundation, Washington, D. C., The $^{87}$Rb-$^{87}$Sr and $^{40}$K-$^{40}$Ca Decay Schemes in K-Bearing Evaporite Rocks (to be known as Project No. 3311-A1 - New - Department of Geology). Gross Value - $4,000.00.


TOTAL - Government Research Grants - Federal $583,672.00

4. Industrial and Other Research Grants

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

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

4. Industrial and Other Research Grants (continued)

b. Modern Language Association of America, Center for Editions of
   American Authors, New York, New York, Ralph Waldo Emerson
   Works (to be known as Project No. 2992-B - Sponsor Ltr. Dtd.
   8/10/71 - Department of English).
   Gross Value - $490.00.

c. National Endowment for the Humanities, Washington, D. C.,
   A Complete Vocabulary of the Works of Wace (to be known as
   Project No. 3304-A1 - New - Department of Romance Languages
   and Literature).
   Gross Value - $24,107.00.

d. Society of Automotive Engineers, Inc., New York, New York,
   A Study of Visual Requirements for Automotive Applications (to
   be known as Project No. 3306-A1 - New - Department of Industrial
   Engineering).
   Gross Value - $60,000.00.

TOTAL - Industrial and Other Research Grants $107,136.00
B. The Report of the Research Contract from the Engineering Experiment Station

SUMMARY

(Period: August 12, 1971 - September 13, 1971)

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contract</td>
<td>1</td>
</tr>
</tbody>
</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

   EES 328X Ext. #3

   Use of Driver Display and Control Aids to Stabilize and Improve Traffic Flow, Ohio Department of Highways, Columbus, Ohio.

   Gross Value - $76,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

C. Authorization to Execute Agreement Between The Ohio State University and the Allen County Technical Institute at Lima

On September 17, 1971, the Ohio Board of Regents granted a charter to the newly established Allen County Technical Institute and authorized the Board of Trustees of that Institute to assume full responsibility as provided under Section 3357.09 of the Ohio Revised Code which authorizes the establishment of a technical institute program in cooperation with state universities. With this action the University was relieved of the interim agreement authorized by action of this Board on July 2, 1971, to act as the agent for the purpose of making expenditures from funds made available by the Ohio Board of Regents in support of this program.

It was recommended that the President of this University be authorized to enter into an agreement on behalf of The Ohio State University and the newly chartered Allen County Technical Institute so as to provide this University with appropriate compensation for the use of its facilities and personnel in support of the technical education program at the Lima Regional Campus.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
IV. GRANTS AND GIFTS

SUMMARY

(Period: August 1971)

Grants
Office of Finance and Treasurer $4,806,425.00

Gifts
The Ohio State University Development Fund

<table>
<thead>
<tr>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>$67,406.87</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>$51,760.72</td>
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<tr>
<td>Business Concerns</td>
<td>$60,250.00</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>$90,436.68</td>
</tr>
</tbody>
</table>

Totals $269,854.27

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer


2. $870,893.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for the College Work-Study Program, for the period January 1, 1971 through June 30, 1972. (NIH Grantee Account No. 766505)

3. $420,885.00 additional grant by Agency for International Development, Department of State, Washington, D.C., for USAID/Brazil project in the College of Agriculture and Home Economics, for the period January 1, 1971 through December 31, 1971. (Contract No. AID/ea-161, Amendment No. 10)

4. $373,024.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (I.D. No. 1 7 45 0430 15 1)

5. $297,633.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (I.D. No. 2 7 45 0430 15 1)

6. $264,346.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Veterinary Medicine, for the period July 1, 1971 through June 30, 1972. (I.D. No. 7 7 45 0430 15 1)

7. $146,790.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I.D. No. 5 7 45 0430 15 1)

8. $99,373.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Optometry, for the period July 1, 1971 through June 30, 1972. (I.D. No. 4 7 45 0430 15 1)
October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. $97,321.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1971 through June 30, 1972. (Grant No. 44-P-25122/5-10)

10. $63,328.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Design, Implement, Evaluate Curriculum Leading to B.S. in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1971 through July 31, 1972. (Grant No. 5 D10 NU 00318-04)


12. $60,415.00 granted by State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, to the University for "An Exemplary Model for Learning Disabled Students, Emphasizing Secondary Programs, Teacher Training and Assessment Techniques," under the direction of the College of Education, for the period June 22, 1971 through August 21, 1972. (Grant No. OEG-0-81-4438, Project No. 457140)

13. $58,889.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for "Health Professions Scholarship and Health Professions Student Loan Programs," under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (I.D. No. 5 7 45 0430 15 1)

14. $32,437.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., to the University for "Law Enforcement Education Program (LEEP)," for the period July 1, 1971 through June 30, 1972. (Trans. No. 003090-2-72)

15. $20,385.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neocortical and Subcortical Interactions," - Research Scientist Development - Type II Grant, under the direction of the Department of Psychology, for the period July 1, 1971 through August 31, 1972. (Grant No. 5 K02 MH12747-05)
October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. $15,703.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for Work Incentive Program, under the direction of the Division of Continuing Education, for the period August 1, 1971 through June 30, 1972. (Contract No. H5-8564-37-05)

17. $12,842.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for "A Quantitative Analysis of Selected Heavy Toxic Metals in Ohio's Upland Wildlife," under the direction of the Department of Zoology, for the period September 1, 1971 through August 31, 1972. (Project No. W-103-R-15, Study VI, Job VI-a)

B. The Ohio State University Development Fund

1. $32,850.00 from the Estate of Dorothy Dye Henry, Columbus, Ohio, for her endowed memorial fund in the College of Veterinary Medicine.

2. $15,600.00 from The Ohio Lions Eye Research Foundation, Columbus, Ohio, for its research fund.

3. $13,757.84 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

4. $13,300.75 from The Ohio Nurserymen's Association, Inc., Columbus, Ohio, for research in landscape horticulture.

5. $12,300.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

6. $10,000.00 from the Estate of Josephine Margaret Pickering for the establishment of The Woodrow Charles Pickering Leukemia Research Fund.

The Woodrow Charles Pickering Leukemia Research Fund

The Woodrow Charles Pickering Leukemia Research Fund was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Medical Center from Josephine Margaret Pickering, late of Columbus, Ohio.

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

The annual income is to be used for research in leukemia as requested by members of the Faculty of the College of Medicine and as approved by the Dean of the College of Medicine. The principal may be invaded if necessary.
October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

6. The Woodrow Charles Pickering Leukemia Research Fund (continued)

Should the need for research in leukemia cease to exist or so diminish as to provide unused income, or should the College of Medicine cease to exist, through any reorganization of the University, then the income may be used for any other medical research whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate faculty and administrative officials of the University who are then responsible for medical research.

7. $8,400.00 from The International Nickel Company of Canada, Ltd., New York, New York, for its fellowship fund in Metallurgical Engineering.

8. $6,500.00 from Hoffman-LaRoche, Inc., Nutley, New Jersey, for research in infectious diseases.

9. $6,000.00 from Kappa Kappa Gamma Fraternity, Columbus, Ohio, to support a fellowship for rehabilitation in Physical Medicine.

10. $5,500.00 from American Oil Foundation, Chicago, Illinois, for its fellowship fund in Chemistry.

11. $5,000.00 from the Estate of Iride L. McCampbell, Fairfield, California, for the establishment of the Andrew Harold McCampbell Scholarship.

Andrew Harold McCampbell Scholarship

The Andrew Harold McCampbell Scholarship was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest from Iride Lelia McCampbell, formerly of Napa, California, in memory of Sara and Lee Perkins and her husband, Andrew Harold McCampbell.

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

The annual income from this Fund is to be awarded annually to a deserving student; the principal may be invaded if the student so selected is deserving of a larger amount than that represented by the annual income of the Fund.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

11. Andrew Harold McCampbell Scholarship (continued)

being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.

12. $5,000.00 from the family and friends of Carl R. Arnold for the establishment of the Carl R. (Cap) Arnold Agricultural Credit Fund.

Carl R. (Cap) Arnold Agricultural Credit Fund

The Carl R. (Cap) Arnold Agricultural Credit Fund was established October 1, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family and friends of Carl R. Arnold, B.Sc. Agr. '20, L. H. D., Hon. '63, a former faculty member, nationally acknowledged "Father" of the United States' Production Credit System and former Governor of the Farm Credit Administration.

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

The annual income is to be used to support the Arnold Agricultural Credit Library and its programs. Annual income may also be used to provide abstracting informational and materials service on agricultural finance, to support an Arnold Professorship or Endowed Chair in Agricultural Credit, to develop special studies and research projects in Agricultural Credit, and/or provide Arnold Scholarships, Fellowships, and Grants for training in Agricultural Credit. The use of the annual income is to be determined by the Chairman of the Department of Agricultural Economics with the approval of the Dean of the College of Agriculture and Home Economics. The principal may be invaded and used if necessary.

Should the need for these programs cease to exist or so diminish as to provide unused income, or should the above named department or college cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in agricultural credit.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. $5,000.00 from Union Carbide Corporation, Marietta, Ohio, for its fund in Metallurgical Engineering.

14. $4,000.00 from the Estate of Helen D. Brown for the establishment of the Helen D. Brown Scholarship.

Helen D. Brown Scholarship

The Helen D. Brown Scholarship was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through the Development Fund from Helen D. Brown, late of Warren, Ohio.

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

The annual income is to be used for scholarships for students in the School of Home Economics. First preference is to be given to freshmen women, who are members of the 4-H Club in Trumbull County at the time of their graduation and have completed four home economics projects in five different years. The scholarship is to be awarded by the University's Scholarship Committee upon the recommendation of the Scholarship Committee of the Ohio 4-H Club Foundation, the Trumbull County Agricultural and Home Economics Extension Staff, the 4-H Club Council, and the Trumbull County Superintendent of Schools. If such a student is selected, she is to be extended the scholarship for her sophomore year so long as she maintains proper academic standards. If there is no applicant or otherwise no one to fulfill the first preference expressed above, the annual income may be used for any woman enrolled in the School of Home Economics, for a one-year term.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the annual income may be used for any purpose whatsoever as determined by the Director of the School of Home Economics. Should the School of Home Economics cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for home economics education.
V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. State Health Laboratory, 382 West 10th Avenue - Demolition

This project involves the complete demolition of the entire building.

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

B. Natatorium, 321 West 17th Avenue - Roof Repairs 1971

This project involves the removing and replacing of the roofing, coping, insulation, gutters, conductor pipe, flashing, counter-flashing, and tubes.

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

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

VI. REPORT OF AWARD OF CONTRACT

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

A. Medical Academic Area Lighting Improvements

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Contract (Rebid)</td>
<td></td>
</tr>
<tr>
<td>(5 bids received 9-10-71)</td>
<td></td>
</tr>
<tr>
<td>Jess Howard Electric Co. (Columbus, Ohio)</td>
<td>$26,947.00</td>
</tr>
</tbody>
</table>

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

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the above award of contract and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth J. Arisman, Professor in the College of Education; Omar Leo Cunningham, County Extension Agent Emeritus in the Cooperative Extension Service; John Solomon Hare, Assistant Professor Emeritus in the Department of History; Russell W. Jones, Instructor Emeritus in the Department of Aviation; and Dick P. Snyder, Professor Emeritus in the College of Dentistry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Kenneth J. Arisman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 29, 1971, of Kenneth J. Arisman, Professor in the College of Education.

Professor Arisman was born in Boswell, Pennsylvania, on November 19, 1910. He received the B.S. degree from State Teachers College, Indiana, Pennsylvania, in 1932. His graduate work was done at Teachers College, Columbia University, where he received the M.A. degree in 1938; and at The Ohio State University, where he received the Ph.D. degree in 1946. Prior to coming to University School, The Ohio State University, as an Instructor, in 1942, Professor Arisman taught art in the public schools of Souderton and Hatfield, Pennsylvania, and Des Moines, Iowa.

Professor Arisman moved into the field of secondary education in the Department of Education, advancing through the academic ranks from Instructor to Professor, and later turned to administration in the Office of Instruction as Director of Off-Campus Education. He directed the study leading to the establishment and organization of branches at Marion and Newark, in the Autumn of 1957, Mansfield in 1958, Lima in 1960, and Lakewood in 1962. His basic research and planning supplied the University with data which were used in the further expansion of the branch program.

During his teaching and administrative career, Professor Arisman engaged in many and varied educational activities. He arranged and conducted numerous workshops in connection with child study programs, art education, secondary education, parent education, higher education, and general curriculum. He served as teacher and consultant at other universities in Ohio, Colorado, Iowa, Georgia, Texas, Louisiana, Arkansas, Maryland, Wisconsin, and Minnesota. As a writer, Professor Arisman contributed numerous articles to professional periodicals and co-authored a book in the field of secondary education. He served as Chairman of the Committee on Graduate Work in Education. He served on a number of campus bodies. He was a member of the Faculty Council for seven years, the Executive Committee of the Graduate School for five years, and The Ohio State University Athletic Board for six years and its Chairman from 1954 through 1956. He was a member of numerous professional organizations in the fields of secondary and higher education. At the close of his career, Professor Arisman returned to teaching and the contacts with graduate and undergraduate students in secondary education, contacts which he and the students found most rewarding.
October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

A. Kenneth J. Arisman (continued)

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

B. Omar Leo Cunningham

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 19, 1971, of Omar Leo Cunningham, County Extension Agent Emeritus, Montgomery County, Cooperative Extension Service.

Mr. Cunningham was born March 15, 1888, in Folsomdale, Kentucky. He was awarded a Bachelor of Science degree from Valparaiso University at Valparaiso, Indiana, in 1912; and a Master of Science degree from the University of Wisconsin in 1915. He also completed an additional year's graduate study at the University of Southern California.

Mr. Cunningham's career in the academic world began in 1915 when he joined the staff of Teachers College in Bowling Green, Kentucky, as Head of the Department of Agriculture. He left the College in 1918 for two years' service in the United States Army and then returned to his native state to become a County Extension Agent in Fulton County, Kentucky. In 1922 he resigned this position to begin more than a quarter century of service as a County Agricultural Agent in Montgomery County, Ohio. He retired in December, 1948.

Throughout his career as a faculty member of the Ohio Cooperative Extension Service, Mr. Cunningham enjoyed the respect and admiration of his fellow faculty members as well as the people he served in Montgomery County. During World War II he accepted many civic assignments beyond his regular duties. He was Chairman of the Victory Garden Council, the county-wide savings bond drive, the county rationing board, the farm labor committee, and of scrap and salvage drives. He also was a member of the county post-war planning committee, the Boy Scout Council, the Education Council of the Y.M.C.A., and the Rural Church Council.

On behalf of the University community, the Board of Trustees expresses to members of the Cunningham family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss which the family and the University have sustained.
October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

C. John Solomon Hare

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 10, 1971, of Dr. John Solomon Hare, Assistant Professor Emeritus in the Department of History.

Dr. John Solomon Hare was born on a farm near Georgesville, Franklin County, Ohio, October 28, 1886. He received the B.S. degree from Ohio Northern University, Ada, Ohio, in 1908. He taught in a number of Ohio communities and by attending summer sessions received the A.B. degree from The Ohio State University in 1913. He then served as a Master at the well-known private school, Lake Forest Academy, Lake Forest, Illinois, from 1916 to 1918. Returning to Ohio he taught at East Technical High School, Cleveland, 1918-1919. Later he taught at Snyder Outdoor School for Boys, Lake Junaluska, North Carolina, 1919-1922, and at Grandview Heights High School, Columbus, Ohio, 1922-1930. In the meantime, he received the A.M. degree from Ohio State in 1925.

In 1930, he became an Instructor in American History at The Ohio State University, with a promotion to Assistant Professor in 1942. In 1933, he received the Ph.D. degree from The Ohio State University, his dissertation being a biography of a long-time United States Senator from Ohio, Allen G. Thurmen (1813-1895).

For many years he supervised the introductory courses in American History at Ohio State with a real spirit of dedication and careful attention to detail.

Dr. Hare was almost religiously devoted to his role as a teacher. As an advisor of youth, he was tireless in his sympathy and helpfulness for students. He was for many years faculty advisor at Ohio State for the local chapter of the history honorary fraternity, Phi Alpha Theta. He retired in 1957.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Hare its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board’s heartfelt sympathy in its bereavement.

D. Russell W. Jones

The Board of Trustees expresses its sorrow at the death on August 9, 1971, of Russell W. Jones, Instructor Emeritus in the Department of Aviation.

Mr. Jones was born in Spring Green, Wisconsin, on January 7, 1898. He attended the University of Wisconsin, from which he received a Ph.B. degree in English in 1926. Five years later, Mr. Jones began his aviation career by becoming a pilot in Coffeyville, Kansas. During World War II, his abilities and talents as a classroom instructor were realized in the training of many Naval aviators. Mr. Jones went on to become a commercial pilot and
VII. RESOLUTIONS IN MEMORIAM (continued)

D. **Russell W. Jones** (continued)

attained ratings in all phases of ground school instruction. In 1945, he joined the faculty of The Ohio State University as an Instructor in the then School of Aviation. Thousands of aviation students were guided by Mr. Jones in his career which ended with his retirement in 1968. He was a vital force in the growth of aviation education at the University.

Mr. Jones was a highly respected, dedicated member of the faculty; his lengthy period of service to the University and its students remain an inspiration.

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

E. **Dick P. Snyder**

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 22, 1971, of Dick P. Snyder, Professor Emeritus in the College of Dentistry.

Professor Snyder was born on a farm near Summerfield, Ohio, on June 14, 1883. He received the D. D.S. degree from Starling Ohio Medical College in 1913. In 1914 he was appointed Instructor in the Operative Dentistry Clinic and in 1918 as Instructor in Exodontics and X-Ray. In 1928 he was appointed Assistant Professor of Dentistry and in 1932 as Professor of Clinical Dentistry. In 1970 he received the Distinguished Alumnus Award from the College of Dentistry.

Professor Snyder was a Diplomate of the American Board of Oral Surgery and recognized authority in that field. He was Chairman of the Department of Oral Surgery from 1932 until his retirement in 1953. During his active career he conducted a private practice in Oral Surgery which was continued after his retirement from the University until 1963. In this 50-year period he served as President of the Columbus Dental Society, the Ohio State Dental Association, and the Great Lakes Society of Oral Surgeons. He also served as the first Chairman of the College of Dentistry Post College Assembly.

In addition to his active participation in dental education and private practice of oral surgery, he was a Fellow of the American College of Dentists and held membership in the American Dental Association, the Great Lakes Society of Oral Surgeons, the American Society of Oral Surgeons, Omicron Kappa Upsilon Dental Honor Society, and Psi Omega Dental Fraternity.

Professor Snyder also found time for civic activities and other interests. He was a member of Rotary, the Presidents Club, and a charter member of University Lodge F. and A. M. He also had an interest in outdoor sports and flower gardening.
VII. RESOLUTIONS IN MEMORIAM (continued)

E. Dick P. Snyder (continued)

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

VIII. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman reported on behalf of the Board's Retirement and Insurance Committee that after making an in-depth examination of the University's insurance coverage and practices, the Committee recommended a comprehensive study of the University's total insurance program. Included in this study should be the general insurance program, consisting of property, casualty, and miscellaneous coverage; the student group insurance programs; the employee benefit insurance programs, consisting of life, accidental death, and major medical; and also a look at our general public liability coverage. It was further recommended that the firm of Alexander & Alexander of New York be appointed to conduct this study for a fee not to exceed $12,500. Mr. Gushman indicated before making this recommendation that the Committee reviewed the present coverage and business practices associated with the University's insurance program and found that sound and totally acceptable business practices were being followed. However, because of recent technical changes and the additional exposures and risks, the Committee believes that a comprehensive evaluation would be most appropriate at this time.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the Board of Trustees accepted the foregoing report and approved the recommendation by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated October 1, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.
October 1, 1971 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, November 5, 1971, at The Ohio State University, Columbus, Ohio, at 1:00 p.m.

Attest:

Edward Q. Moulton
Secretary

James W. Shocknessy
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, November 5, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
November 5, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that he had been advised by Mr. Ketterer that the Presidential Search Committee is making quite adequate progress and that a schedule has been established so as to assure the meeting of the December 15 deadline for the submission of the Committee's recommendations. Mr. Shocknessy took this occasion to read the statement which he made at the October Board meeting outlining the procedure the Board intended to use in selecting a president in an effort to eliminate any continuing misunderstanding of the Board's intention in this regard.

B. Request to Speak

One request to speak before the Board was granted but subsequently this request was withdrawn.

- 0 -
November 5, 1971 meeting, Board of Trustees

PRESIDENT'S REPORT ON NINE-MONTH FACULTY SALARIES

President Fawcett made the following report:

As we are all keenly aware, there is great uncertainty about Phase II of the Federal economic policies, and this uncertainty affects most directly the nine-month faculty whose salaries have been frozen since the beginning of the wage-price controls.

This week I wrote a letter to the University faculty, expressing my concern to those faculty members affected by the freeze. I gave my assurance also that I would continue to do everything possible to restore the salary increases for them approved by this Board. We have requested guidelines from the Cost-of-Living Council for granting those increases as soon as possible. Despite the uncertainties, however, in the Phase II economic controls and in the University budget, our highest priority remains the restoration of the promised salary increments to our nine-month faculty.

- o -

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building

Upon the recommendation of the Athletic Council, and with the concurrence of the President's Cabinet, President Fawcett recommended that the North Athletic Facility located at 2490 North Fyffe Road be named "Ernie Biggs Athletic Training Facility," in memory of Ernest R. Biggs, long-time Athletic Trainer at The Ohio State University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

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

B. Honorary Degrees

President Fawcett recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals at an appropriate future Commencement mutually agreeable to the University and the recipients.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aklilu Habte</td>
<td>Doctor of Humane Letters</td>
</tr>
<tr>
<td>Starke R. Hathaway</td>
<td>Doctor of Humane Letters</td>
</tr>
<tr>
<td>John A. Maurer</td>
<td>Doctor of Science</td>
</tr>
<tr>
<td>Edmund M. Spieker</td>
<td>Doctor of Science</td>
</tr>
</tbody>
</table>

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
II. PERSONNEL CHANGES

Personnel changes since the October 1, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, included the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

William E. Nelson, Jr., Acting Chairman of the Black Studies Division (part time - 60 percent) and Assistant Professor in the Department of Political Science (part time - 40 percent), effective immediately, at a salary of $20,088.00 per annum.

Normalee B. Bugoci, Director in the Office of Personnel Services, effective October 1, 1971, at a salary of $13,008.00 per annum.

B. Leaves of Absence Without Salary

J. Hayden Boyd, Associate Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a position as Staff Economist at the Program Analysis Division of Institute for Defense Analyses.

Jacob W. Old, Associate Professor, Department of Pathology, effective November 1, 1971 through June 30, 1972, for personal reasons.

Elmo Stewart Saunders, Instructor, University Libraries, effective October 1, 1971 through June 30, 1972, to pursue a doctoral program at Indiana University.

C. Emeritus Titles

Jack E. Hufford, Cooperative Extension Service, with the title Professor Emeritus, effective November 1, 1971.

Charles D. McGrew, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1971.

President Fawcett recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY

(Period: September 11, 1971 - October 15, 1971)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
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<tr>
<td>Contracts</td>
<td></td>
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</tr>
<tr>
<td>Government Research - Federal</td>
<td>10</td>
<td>$529,013.00</td>
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<tr>
<td>Government Research - State</td>
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<td>Industrial and Other Research</td>
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<td>129,929.00</td>
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<tr>
<td>Grants</td>
<td></td>
<td></td>
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<tr>
<td>Government Research - Federal</td>
<td>27</td>
<td>1,910,997.00</td>
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<tr>
<td>Industrial and Other Research</td>
<td>15</td>
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</tr>
<tr>
<td>Totals</td>
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<td>$2,749,152.00</td>
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</table>

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
November 5, 1971 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal

a. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Research on Stress-Corrosion Cracking of Metallic Materials (to be known as Project No. 2737 - Mod. #P00005 - Department of Metallurgical Engineering).
   Gross Value - $62,610.00.

b. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Parametric Devices (to be known as Project No. 2757 - Mod. #P00007 - Department of Electrical Engineering).
   Gross Value - $59,959.00.

c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #5 - Department of Veterinary Pathology).
   Gross Value - $110,851.00.

d. Department of Navy, Office of Naval Research, Arlington, Virginia, Voice Communication (to be known as Project No. 2928 - Amend. #3 - Department of Speech Communication).
   Gross Value - $24,107.00.

e. Department of Navy, Office of Naval Research, Arlington, Virginia, Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3008-A1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).
   Gross Value - $32,652.00.

   Gross Value - $41,122.00.

g. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #5 - College of Administrative Science, Division of Continuing Education).
   Gross Value - $141,243.00.
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)


TOTAL - Government Research Contracts - Federal $529,013.00

2. Government Research Contract - State

   a. State of Ohio, Department of Health, Columbus, Ohio, Analysis of Emergency Medical Services - Columbus and All Franklin County Political Subdivisions (to be known as Project No. 3338-A1 - New - Department of Preventive Medicine). Gross Value - $72,600.00.

3. Industrial and Other Research Contracts


November 5, 1971 meeting, Board of Trustees

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

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

3. Industrial and Other Research Contracts (continued)

Gross Value - $45,555.00.

Gross Value - $59,900.00.

e. The University of Wisconsin, Research Administration - Financial, Madison, Wisconsin, Subcontract Between the University of Wisconsin and The Ohio State University (to be known as Project No. 3335-A1 - New - Department of Psychology).
Gross Value - $11,304.00.

Gross Value - $7,170.00.

TOTAL - Industrial and Other Contracts $129,929.00


a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 12 Beds (to be known as Project No. 1196-2L - Ext. #11 - College of Medicine).
Gross Value - $278,064.00.

b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 12 Beds (to be known as Project No. 1196-3L - Ext. #11 - College of Medicine).
Gross Value - $172,724.00.
November 5, 1971 meeting, Board of Trustees

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

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

4. Government Research Grants - Federal (continued)

   c. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Institute of General Medical
      Sciences, Bethesda, Maryland, Ligand Reactions and Homogeneous
      Catalysis (to be known as Project No. 1501-J - Ext. #9 - Department
      of Chemistry).
      Gross Value - $68,833.00.

   d. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Cancer Institute, Bethesda,
      Maryland, Highly Strained Nitrogen Heterocycles (to be known as
      Project No. 1640-H - Ext. #8 - Department of Chemistry).
      Gross Value - $51,286.00.

   e. Department of Health, Education and Welfare, Public Health Service,
      Health Services and Mental Health Administration, National Institute
      of Mental Health, Bethesda, Maryland, Conditioning Stimulus Selection
      and Verbal Paradigms (to be known as Project No. 1779-G - Ext. #7 -
      Department of Psychology).
      Gross Value - $49,037.00.

   f. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, Division of Research Resources,
      Bethesda, Maryland, An NMR Facility for Biomedical Research
      (to be known as Project No. 2439-D - Ext. #4 - College of Pharmacy).
      Gross Value - $9,588.00.

   g. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Heart and Lung Institute,
      Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow
      (to be known as Project No. 2518-D - Ext. #4 - Department of
      Physiology).
      Gross Value - $11,689.00.

   h. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Heart and Lung Institute,
      Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to
      be known as Project No. 2525-D - Ext. #4 - Department of Pathology).
      Gross Value - $84,564.00.

   i. Department of Health, Education and Welfare, Public Health Service,
      Health Services and Mental Health Administration, National Institute
      of Mental Health, Bethesda, Maryland, Organizational Responses to
      Major Community Crises (to be known as Project No. 2673-C - Ext.
      #3 - Department of Sociology).
      Gross Value - $101,063.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)

j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria (to be known as Project No. 2720-C - Ext. #3 - Department of Physiological Chemistry). Gross Value - $25,622.00.


l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-B - Ext. #2 - School of Nursing). Gross Value - $81,750.00.


n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Phospholipid Autoantibodies in Humans and Animals (to be known as Project No. 2942-B - Ext. #2 - Department of Medical Microbiology). Gross Value - $30,551.00.

o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa - Normal and Experimental (to be known as Project No. 2949-B - Ext. #2 - Department of Otolaryngology). Gross Value - $22,306.00.

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

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

4. Government Research Grants - Federal (continued)

q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Orthopaedic Importance of Chondromucoproteins (to be known as Project No. 2967-B - Ext. #2 - Department of Surgery).
Gross Value - $31,492.00.

Gross Value - $245,500.00.

Gross Value - $38,400.00.

Gross Value - $7,182.00.

u. National Science Foundation, Washington, D. C., Improvements in Spectral Types and Luminosity Calibration of Late-Type Giants and Supergiants (to be known as Project No. 3328-A1 - New - Department of Astronomy).
Gross Value - $15,400.00.

Gross Value - $24,900.00.

Gross Value - $75,700.00.
November 5, 1971 meeting, Board of Trustees

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

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

4. Government Research Grants - Federal (continued)

  x. Department of Health, Education and Welfare, Public Health Service,
     Health Services and Mental Health Administration, National Institute
     of Mental Health, Bethesda, Maryland, Mechanisms of Voluntary
     Action and Voluntary Attention (to be known as Project No. 3333-A1 -
     New - Department of Psychology).
     Gross Value - $31,154.00.

  y. National Science Foundation, Washington, D. C., Stimulus Encoding
     in Human Learning and Retention (to be known as Project No. 3334-A1 -
     New - Department of Psychology).
     Gross Value - $18,205.00.

  z. National Science Foundation, Washington, D. C., Optically Transparent
     Electrodes (to be known as Project No. 3339-A1 - New - Department
     of Chemistry).
     Gross Value - $62,800.00.

  aa. Department of Health, Education and Welfare, Public Health Service,
      Health Services and Mental Health Administration, National Institute
      of Mental Health, Bethesda, Maryland, Fellowship Supply Allowance
      Award (to be known as Project No. 3341-A1 - New - Department
      of Veterinary Physiology).
      Gross Value - $1,000.00.

TOTAL - Government Research Grants - Federal $1,910,997.00

5. Industrial and Other Research Grants

  a. Central Ohio Heart Association, Inc., Columbus, Ohio, Serum
     Factors Affecting the Activation of Lipoprotein Lipase and its
     Potential Relationship to Coronary Artery Diseases (to be known
     as Project No. 3314-A1 - New - Department of Medicine).
     Gross Value - $7,500.00.

  b. Central Ohio Heart Association, Inc., Columbus, Ohio, Studies
     on the Genesis of Heart Sounds, Murmurs and Post-Stenotic
     Dilatation (to be known as Project No. 3315-A1 - New - Department
     of Veterinary Physiology).
     Gross Value - $6,059.00.

  c. Central Ohio Heart Association, Inc., Columbus, Ohio, Hypoxia -
     An Anti-Deconditioning Factor (to be known as Project No. 3316-A1 -
     New - Department of Preventive Medicine).
     Gross Value - $4,687.00.
November 5, 1971 meeting, Board of Trustees

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

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

5. Industrial and Other Research Grants (continued)

   d. Central Ohio Heart Association, Inc., Columbus, Ohio, Study of Renin Physiology During Pregnancy (to be known as Project No. 3317-A1 - New - Department of Medicine). Gross Value - $7,500.00.

   e. Central Ohio Heart Association, Inc., Columbus, Ohio, Human Macrophage Histocompatibility Systems (to be known as Project No. 3318-A1 - New - Department of Medicine). Gross Value - $7,497.00.

   f. Central Ohio Heart Association, Inc., Columbus, Ohio, Coronary and Aortic Smooth Muscle Response to Amyl Nitrite (to be known as Project No. 3319-A1 - New - Department of Physiology). Gross Value - $5,870.00.

   g. Central Ohio Heart Association, Inc., Columbus, Ohio, Relationship Between the Anti-Arrhythmic Effect of Diphenylhydantoin and Potassium and Their Effect on the Cardiac Na-K Activated ATPase (to be known as Project No. 3320-A1 - New - Department of Pharmacology). Gross Value - $7,425.00.

   h. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Alterations in the Renal Circulation on Sodium Balance (to be known as Project No. 3321-A1 - New - Department of Medicine). Gross Value - $7,500.00.

   k. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effect of Beta-Adrenergic Agents on the Performance and Metabolism of the Anoxic Heart (to be known as Project No. 3322-A1 - New - Department of Medicine). Gross Value - $7,491.00.

   l. Central Ohio Heart Association, Inc., Columbus, Ohio, Myogenesis in Cardiac Hypertrophy (to be known as Project No. 3323-A1 - New - Department of Pathology). Gross Value - $7,500.00.

   m. Central Ohio Heart Association, Inc., Columbus, Ohio, Mechanism of the Aortic Smooth Muscle Reflex (to be known as Project No. 3324-A1 - New - Department of Physiology). Gross Value - $7,500.00.
November 5, 1971 meeting, Board of Trustees

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

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

5. Industrial and Other Research Grants (continued)

n. Central Ohio Heart Association, Inc., Columbus, Ohio, Entero-hepatic Circulation of 3-H-Digitalis Glycosides (to be known as Project No. 3325-A1 - New - Department of Medicine). Gross Value - $7,384.00.

o. Central Ohio Heart Association, Inc., Columbus, Ohio, Renal Lymph and Starling Forces (to be known as Project No. 3326-A1 - New - Department of Physiology). Gross Value - $7,500.00.

p. Central Ohio Heart Association, Inc., Columbus, Ohio, The Role of Hypoxia in the Initiation of Cardiac Hypertrophy (to be known as Project No. 3327-A1 - New - Department of Medicine). Gross Value - $7,500.00.

q. Ohio Arts Council, Columbus, Ohio, ADIR (American Dance in Repertory) Residences in Ohio (to be known as Project No. 3336-A1 - New - College of The Arts, Division of Dance). Gross Value - $7,700.00.

TOTAL - Industrial and Other Research Grants $106,613.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

SUMMARY

(Period: September 15, 1971 - October 14, 1971)

| Government Research Contract | 1 | $37,500.00 |
| Industrial Research Contract | 1 | $36,000.00 |
| **Totals**                  | 2 | **$73,500.00** |

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

   EES 290X Ext. #8
   Long Term Deformation in Clay, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $37,500.00.

2. Industrial Research Contract

   EES 405X
   Gross Value - $36,000.00.
IV. GRANTS AND GIFTS

SUMMARY
(Period: September, 1971)

Grants
Office of Finance and Treasurer $1,507,254.00

Gifts
The Ohio State University Development Fund

<table>
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<th>Number of Gifts</th>
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<tr>
<td>Individuals Other than Alumni</td>
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<td>Business Concerns</td>
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<tr>
<td>Foundations and Nonprofit Organizations</td>
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<td>Totals</td>
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The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include a specific listing of some of the many gifts received.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the acceptance of the grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $389,003.00 granted by Agency for International Development, Department of State, Washington, D.C., to the University for support and operation of the Punjab Agricultural University in India, through the College of Agriculture and Home Economics, for the period April 1, 1971 through March 31, 1972. (AID/nasa-147-11)

2. $292,404.00 granted by The Ford Foundation, New York, New York, to the University for a program to prepare principals and other administrators for schools in urban neighborhoods, under the direction of the College of Education, for a period of twenty months beginning January 1, 1971. (Grant No. 690-0635A)

3. $210,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for support of the "ERIC Clearinghouse on Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period September 1, 1971 through August 31, 1972. (Contract No. OEC-0-70-1214)

4. $147,416.00 additional grant by Department of Health, Education and Welfare, Office of Education, Bureau of Libraries and Educational Technology, Washington, D.C., to the University for the operation of an "Institute for Training in Librarianship," under the direction of the University Libraries, for the period June 16, 1971 through July 31, 1972. (Grant No. OEG-0-71-8537)

5. $94,347.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for "In-Service Program in Reading," under the direction of the College of Education, for the period June 9, 1971 through December 31, 1972. (Grant No. OEG-0-70-2057)

6. $89,952.00 granted by Department of Health, Education and Welfare, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Establishment of the Ohio Professional Health Manpower Outreach Training Program in Twenty-One Appalachian Counties," under the direction of the Department of Preventive Medicine, for the period October 1, 1971 through September 30, 1972. (Grant No. 05H000171 01 0)

7. $89,951.00 granted by Department of Health, Education and Welfare, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Establishment of a Medical Student Clerkship Field Experience Program in Seven Counties of the Demonstration Health Area of Ohio," under the direction of the Department of Preventive Medicine, for the period October 1, 1971 through September 30, 1972. (Grant No. 05H000166 01 0)
November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. $49,750.00 granted by The Ford Foundation, New York, New York, to the University for further development of the College of Agricultural Engineering at Punjab Agricultural University, under the direction of the College of Agriculture and Home Economics, for a period of three years beginning August 1, 1971. (Grant No. 710-0467)

9. $42,979.00 granted by National Science Foundation, Washington, D. C., to the University for "The 1972 Short Course in Models of Urban Spatial Ecology and Population for College Teachers," under the direction of the Department of Sociology. This grant terminates on September 30, 1972. (Grant No. GY-9397, Proposal No. 2/0190)

10. $34,059.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Careers of Ohio - Operation MEDIHC, under the direction of the College of Medicine, for the period October 1, 1971 through September 30, 1972. (Contract No. NIH 72-4026)

11. $27,000.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Field Service in Speech and Language Aphasics," under the direction of the Department of Speech Communication, for the period July 1, 1971 through June 30, 1972.

12. $24,051.00 granted by ACTION, Procurement Division, Washington, D. C., to the University for "The Training of Interns for Service as Peace Corps Volunteers in India," under the direction of the College of Agriculture and Home Economics, for the period September 10, 1971 through June 30, 1972. (Contract No. 72-42009)

13. $13,327.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Training Program in Rehabilitation Nursing," under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972.

14. $3,015.00 granted by Department of Mental Hygiene and Correction, Adult Parole Authority, 427 Cleveland Avenue, Columbus, Ohio, to the University for a course of instruction for the Adult Parole Authority's probation/parole officers, under the direction of the College of Administrative Science, Division of Continuing Education, for the period August 1, 1971 through December 31, 1971.
November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund

1. The trustees of The John A. Hartford Foundation, Inc., have approved a grant to the University in the amount and for the purpose as indicated below subject to formal acceptance by the Board of Trustees:

$236,725.00 to The Ohio State University Development Fund for use by The Ohio State University College of Medicine for an investigation of the pharmacologic control of portal hypertension described in the University's grant application of July 21, 1971.

President Fawcett recommended therefore that the above-identified grant be accepted and administered in accordance with the conditions set forth in the grant agreement between The John A. Hartford Foundation, Inc., and The Ohio State University.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the acceptance of the above grant from The John A. Hartford Foundation, Inc.

2. $185,266.81 in securities from anonymous donors to the Life Pooled Income Fund. The donors are husband and wife; they are joint beneficiaries of the income, with the survivor being the sole beneficiary. At their deaths the principal of the gift goes to the University's Permanent Endowment for "the advancement of medical science through The Ohio State University College of Medicine."

3. $72,910.00 in securities from an anonymous donor to the Life Pooled Income Fund. The donor is the sole beneficiary of the income. At the death of the donor the principal of the gift is to go to the University's Permanent Endowment for the Joseph Leo Lorbach, Leo W. Lorbach and Irma Gehres Lorbach Memorial Fund to be used for scholarships.

4. $39,413.68 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

5. $29,005.00 from The John A. Hartford Foundation, Inc., New York, New York--$26,499.00 for its research fund in the Department of Obstetrics and Gynecology and $2,506.00 as an unrestricted gift to the College of Medicine.

6. $23,100.00 from the Trust under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.

7. $16,077.50 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for infectious disease research.

8. $15,000.00 from the Estate of Dorothy D. Henry, Columbus, Ohio, for the College of Veterinary Medicine.
November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

9. $10,700.00 from the American Foundation for Pharmaceutical Education, Washington, D.C., for its fellowship fund.

10. $10,050.00 from Bristol Laboratories, Syracuse, New York, for infectious disease research.

11. $10,000.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for scholarships and unrestricted use by the College of Engineering.

12. $10,000.00 from Parke, Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.

13. $10,000.00 from G. D. Searle & Company, Chicago, Illinois, for its research fund in the Department of Obstetrics and Gynecology.

14. $10,000.00 from Shell Companies Foundation, Inc., Houston, Texas--$5,000.00 for its fellowship in mechanical engineering and $5,000.00 for chemical engineering.

15. $9,618.00 from Mrs. Leo W. Lorbach, Waverly, Ohio, for scholarships.

16. $9,000.00 from Mansfield O.S. U. Scholarship Fund, Mansfield, Ohio, for Mansfield Campus scholarships.

17. $8,966.00 from The Charles F. High Foundation, Bucyrus, Ohio, for its scholarship fund.

18. $8,500.00 from The Lubrizol Foundation, Cleveland, Ohio--$4,000.00 for its fellowship in chemistry, $4,000.00 for its fellowship in chemical engineering, and $500.00 for the College of Mathematics and Physical Sciences.

19. $8,500.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.

20. $6,894.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.

21. $5,800.00 from Armco Foundation, Middletown, Ohio--$5,000.00 for its professorship in metallurgy and $800.00 as an unrestricted gift to the University.

22. $5,000.00 from Orthopaedic Research and Education Foundation, Chicago, Illinois, for research under the direction of Dr. Paul Curtiss, Jr.
November 5, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Administrative Operations to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Dodd Hall Addition

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,702,785.00</td>
<td>$1,804,067.63</td>
<td>$101,282.63</td>
</tr>
</tbody>
</table>

The changes on this project resulted from delays in Federal authority to proceed, design changes, and the necessity to alter specifications because of conditions found during the process of construction.

Funds for these changes have been provided by Budget Account 016016 (Medical Complex State Funds), a transfer from Budget Account 801100 (Wiseman Hall), and from project contingency funds.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Optometry Building, 338 West Tenth Avenue--Air Condition (Old Part)

The purpose of this project is to provide air conditioned facilities for the year-round academic program. The existing air handling system will be modified to include a central air conditioning system.

Funds for this project have been provided by Budget Account 330026 (Public Health Service grant) and Budget Account 158400 (Optometry Clinic).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.
November 5, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

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

A. Lima Campus--Expansion and Improvement of Parking Facilities

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Five bids received 10-5-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L. M. Cavett Company (Lockland, Ohio)</td>
<td>$163,515.62</td>
<td>$207,694.77</td>
</tr>
</tbody>
</table>

| Electrical Contract          |         |              |
| (Four bids received 10-5-71) |         |              |
| Spartan Electric Company (Lima, Ohio) | 17,518.00 | 28,542.00   |

Total Contracts                | $181,031.62 | $236,236.77 |

Funds for this project have been provided by Budget Account 921353 (Lima Parking Facilities) and Budget Account 149939 (Lima Campus General Reserve).

B. Sisson Hall, 1900 Coffey Road--Air Condition Animal Rooms 133 and 141

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Seven bids received 10-6-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. A. Guy, Inc. (Dublin, Ohio)</td>
<td>$ 19,700.00</td>
<td>$ 29,700.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 801212 (Sisson Hall Remodeling).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

VIII. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Hugh Gibson Beatty, Professor Emeritus in the Department of Otolaryngology. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.
November 5, 1971 meeting, Board of Trustees

VIII. RESOLUTION IN MEMORIAM

A. Hugh Gibson Beatty

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 31, 1971, of Hugh Gibson Beatty, M. D., Professor Emeritus in the Department of Otolaryngology.

Dr. Beatty was born at Jasper Mills in Fayette County on September 12, 1880. He was graduated from The Ohio State University where he earned a Bachelor of Science degree in 1904. He received the Doctor of Medicine degree in 1910 from the Starling-Ohio Medical College. From 1910 to 1911, he served as an intern at Mount Carmel Hospital in Columbus after which he took postgraduate study in New York, Vienna, and Berlin.

Dr. Beatty began his practice in otolaryngology in Columbus in 1913. He was instrumental in founding speech and surgical clinics at St. Francis, University, and Mount Carmel Hospitals between 1915 and 1920. From 1929 to 1948, he was Chairman of the Department of Otolaryngology at The Ohio State University.

Dr. Beatty was a founding member of the Columbus Eye, Ear, Nose, and Throat Society and the American Board of Plastic Surgery. His medical memberships included Columbus Academy of Medicine, Ohio State Medical Association, American College of Surgeons, International College of Surgeons, and numerous other professional organizations.

Dr. Beatty was a charter member of the Scioto Country Club, Columbus Club, University Club, and Columbus Athletic Club.

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

IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held September 17, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on September 17, 1971:

That the request for approval of a new degree proposed by The Ohio State University for awarding of the Doctor of Arts in Russian Language and Literature was approved.
IX. REPORTS (continued)

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 5, 1971, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1971, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.


Executive Director Leggett distributed and commented briefly on the Financial Report of The Ohio State University and the Financial Report of Endowment Funds. These reports were prepared for the fiscal year ended June 30, 1971. A copy of each report was filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Friday, December 3, 1971, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton  
Secretary

James W. Shocknessy  
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, December 3, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
December 3, 1971 meeting, Board of Trustees

GUEST SPEAKER

Mr. Jeffrey Yapalater, Vice President of the Undergraduate Student Government, requested and was granted permission to address the Board on the subject of the Presidential Referendum currently being conducted by the Undergraduate Student Government.

At the conclusion of Mr. Yapalater's remarks the Chair stated that the question raised by Mr. Yapalater concerning governance of the University should more appropriately be directed to the General Assembly of the State. The Chair then directed the Secretary to request that the Presidential Search Committee through its Chairman receive the nomination of the Undergraduate Student Government and give this nomination the same consideration and treat it with the same dignity as all other nominations made to the Search Committee.

REPORT BY CHAIRMAN

Mr. Shocknessy reported that based upon conversations with Mr. Ketterer he is fully satisfied that the Presidential Search Committee is in full command of its affairs. He further gave his assurance that the Board will give its profoundest consideration to the nominees presented to it by the Search Committee. In conclusion Mr. Shocknessy stated that the Board was most pleased by the great prudence and enormous industry displayed by the Committee, as well as the manner in which it had preserved the integrity of its business.

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December 3, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Agricultural Technical Institute, Wooster

The legislation authorizing schools meeting specified standards to award associate degrees, as approved by the Ohio Board of Regents, was provided for in Section 333.10 of the Revised Code by the 106th Ohio General Assembly and amended by the 108th Ohio General Assembly to stipulate that "effective July 1, 1971, all public post high school technical education programs shall be operated by technical institutes, community colleges, university branches, state colleges, state affiliated universities and state universities . . ." The Ohio Board of Regents' "Master Plan for State Policy in Higher Education" provides for the establishment of academic programs leading to the development of two-year programs in various technologies. In line with this Master Plan and the above legislation The Ohio State University requests authority upon the recommendation of the Council on Academic Affairs and the Faculty Council for the establishment of an Agricultural Technical Institute. The Institute is to be located in Wooster, Ohio, on Ohio Agricultural Research and Development Center land.

President Fawcett recommended that the Agricultural Technical Institute, Wooster, be established to become operational with Autumn Quarter, 1972.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty

In accordance with Article IX of the By-Laws of the Board of Trustees, President Fawcett recommended that the amendments to By-Laws of the Board of Trustees and Rules for the University Faculty as shown in Appendix III, page 319, to effect the administrative reorganization adopted by the Board of Trustees at the July 30 meeting be approved.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the By-Laws of the Board of Trustees and Rules for the University Faculty.
I. GENERAL RECOMMENDATIONS (continued)

C. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 17, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IV, page 337.)

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

II. PERSONNEL CHANGES

Personnel changes since the November 5, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibility

Vernon L. Tharp from Professor in and Acting Chairman of the Department of Veterinary Clinical Sciences and Director of Veterinary Clinics, to Associate Dean of the College of Veterinary Medicine, effective January 1, 1972, at a salary of $30,012.00 per annum. Dr. Tharp will continue to hold the academic title of Professor in the Department of Veterinary Clinical Sciences at No Salary.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Bevery A. Koenig, Instructor (County Extension Agent, Home Economics) Henry County, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at Michigan State University.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at The Ohio State University.
December 3, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

William A. Stephen, Professor (Extension Specialist, Api-culture), Cooperative Extension Service, and Professor, Department of Entomology, effective November 22, 1971 through December 16, 1971, to serve as a Consultant - National Council of Churches in Greece.

Alvia Bozeman, Associate Professor, College of Education, effective January 1, 1972 through March 31, 1972, for personal reasons.

Mary E. Fontana, Assistant Professor, Department of Medicine, effective November 1, 1971 through January 31, 1972, for personal reasons.

Essa G. Hannoush, Instructor, Department of Radiology, effective October 1, 1971 through June 30, 1972, for personal reasons.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, Cooperative Extension Service, effective April 1, 1972 through June 30, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Helen E. Dean, University Libraries, with the title Professor Emeritus, effective December 1, 1971.

H. Campbell Haynie, Department of Medicine, with the title Professor Emeritus, effective November 1, 1971.

Margaret Oldfather, University Libraries, with the title Professor Emeritus, effective November 1, 1971.

President Fawcett recommended that the Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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SUMMARY

(October 16, 1971 - November 12, 1971)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contracts</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>7</td>
<td>$290,749.78</td>
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<tr>
<td>Industrial and Other Research</td>
<td>4</td>
<td>52,998.33</td>
</tr>
<tr>
<td><strong>Grants</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>11</td>
<td>386,695.00</td>
</tr>
<tr>
<td>Industrial and Other Research</td>
<td>12</td>
<td>93,570.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>34</td>
<td>$824,013.11</td>
</tr>
</tbody>
</table>

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
III. RESEARCH CONTRACTS. RESEARCH GRANTS AND AGREEMENTS (continued)

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

1. Government Research Contracts - Federal

   a. Department of Navy, Office of Naval Research, Arlington, Virginia,
      Conducting a Course of Instruction in Navy Price Analysis (to be
      known as Project No. 1086 - Mod. #26 - College of Administrative
      Science, Division of Continuing Education).
      Gross Value - $140,880.00.

   b. Department of Air Force, Air Force Systems Command, 4950th Test
      Wing (Technical), Wright Patterson Air Force Base, Ohio, Antennas
      with Solid State Circuitry (to be known as Project No. 2744 - Mod.
      #P00006 - Department of Electrical Engineering).
      Gross Value - $20,000.00.

   c. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Library of Medicine, Bethesda,
      Maryland, Ohio Medlars Center (to be known as Project No. 2943
      - Mod. #6 - College of Medicine).
      Gross Value - $49,687.00.

   d. Department of Navy, Office of Naval Research, Arlington, Virginia,
      Infrared Spectra (to be known as Project No. 2957 - Mod. #2
      - Department of Physics).
      Gross Value - $179,817.

   e. Department of Air Force, Air Force Institute of Technology, Wright
      Patterson Air Force Base, Ohio, Work Schedule AFIT - School of
      Systems and Logistics (to be known as Project No. 3045-A1 - Mod.
      #M03 - College of Administrative Science, Division of Continuing
      Education).
      Gross Value - $998,979.

   f. Department of Navy, Office of Naval Research, Arlington, Virginia,
      Defense Termination Settlement and Negotiation Course (to be known
      as Project No. 3150-A1 - Mod. #2 - College of Administrative
      Science, Division of Continuing Education).
      Gross Value - $30,632.00.

   g. Department of Transportation, Federal Highway Administration,
      Contracts and Procurement, Washington, D. C., Feasibility Study
      and Preliminary Design of a System for Rapid Evaluation of Rational
      Pavement (to be known as Project No. 3347-A1 - New - Engineering
      Experiment Station).
      Gross Value - $48,372.00.

TOTAL - Government Research Contracts - Federal $290,749.78
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

2. Industrial and Other Research Contracts

a. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor Ltr. Dtd. 10/16/70 - College of Dentistry).
   Gross Value - $4,182.33

b. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials (to be known as Project No. 2918 - Sup. #3 - Department of Welding Engineering).
   Gross Value - $35,900.00.

c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #3 - Department of Pharmacology).
   Gross Value - $4,139.00.

d. Ohio Contractors Association, Columbus, Ohio, Job Order System for Highway-Heavy Contractors (to be known as Project No. 3342-A1 - New - College of Administrative Science, Accounting).
   Gross Value - $8,777.00.

TOTAL - Industrial and Other Research Contracts $52,998.33


a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as Project No. 702-P - Ext. #15 - Department of Entomology).
   Gross Value - $25,929.00.

b. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as Project No. 2732 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).
   Gross Value - $6,000.00.

c. National Science Foundation, Washington, D. C., Software and Hardware Requirements for Real-Time Film Animation (to be known as Project No. 2801 - Amend. #1 - College of The Arts, Division of Art).
   Gross Value - $159,200.00.
A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

d. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #3 - Department of Electrical Engineering).
Gross Value - $30,000.00.

e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathology of Myocardial Hypertrophy (to be known as Project No. 2944-B - Ext. #2 - Department of Pathology).
Gross Value - $20,039.00.

f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology (to be known as Project No. 2962-B - Ext. #2 - Department of Veterinary Physiology and Pharmacology).
Gross Value - $35,073.00.

g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #3 - Department of Electrical Engineering).
Gross Value - $30,000.00

Gross Value - $20,200.00.

i. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Development of Computer Programs for the Analysis of Spacecraft Antennas (to be known as Project No. 3348-A1 - New - Department of Electrical Engineering).
Gross Value - $14,000.00.

Gross Value - $24,300.00.
December 3, 1971 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   Gross Value - $21,954.00.

TOTAL - Government Research Grants - Federal $386,695.00

4. Industrial and Other Research Grants

   a. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Dietary Sucrose and Lipid Metabolism (to be known as Project No. 3102-A2 - Sponsor Ltr. Dtd. 10/27/71 - Department of Food Science and Nutrition).
   Gross Value - $6,762.00.

   b. Damon Runyon Memorial Fund for Cancer Research, Inc., New York, New York, Release of Virus-Induced Tumor Specific Transplantation Antigen(s) from Corresponding Transformed or Tumor Cells (to be known as Project No. 3340-A1 - New - Department of Veterinary Pathology).
   Gross Value - $18,000.00.

   c. Central Ohio Heart Association, Inc., Columbus, Ohio, Mathematical Characterization of Heart Sounds in the Dog and Horse (to be known as Project No. 3343-A1 - New - Department of Veterinary Physiology).
   Gross Value - $5,355.00.

   d. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Myocardial Fine Structure Changes Due to Action of Cardiac Glycosides (to be known as Project No. 3344-A1 - New - Department of Pharmacology).
   Gross Value - $7,445.00.

   e. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Mechanism(s) of Augmented Glycoside Actions on Mammalian Hearts (to be known as Project No. 3345-A1 - New - Department of Pharmacology).
   Gross Value - $7,140.00.

   Gross Value - $11,000.00.
December 3, 1971 meeting, Board of Trustees

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

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

4. Industrial and Other Research Grants (continued)

  g. Research Corporation, New York, New York, Unique Biosynthetic Uses for Mevalonic Acid (to be known as Project No. 3350-A1 - New - Department of Chemistry).
     Gross Value - $5,000.00.

  h. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Preservation of Myocardial Function During Ischemia and Anoxia (to be known as Project No. 3352-A1 - New - Department of Surgery).
     Gross Value - $7,193.00.

  i. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Chromium and Coronary Artery Disease (to be known as Project No. 3353-A1 - New - Department of Pathology).
     Gross Value - $7,497.00.

     Gross Value - $5,728.00.

  k. Central Ohio Heart Association, Inc., Columbus, Ohio, Immuno-histochemistry of Myocardial Enzymes (to be known as Project No. 3355-A1 - New - Department of Pathology).
     Gross Value - $7,500.00.

  l. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Feasibility of in vivo Synchronization and Increasing the Growth Fraction of Slow Growing Tumors Prior to Chemotherapy (to be known as Project No. 3356-A1 - New - Department of Physiological Chemistry).
     Gross Value - $4,950.00.

TOTAL - Industrial and Other Research Grants $93,570.00
December 3, 1971 meeting, Board of Trustees

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

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

SUMMARY

(Period: October 15, 1971 - November 15, 1971)

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contract</td>
<td>1</td>
</tr>
<tr>
<td>Industrial Research Contracts</td>
<td>2</td>
</tr>
<tr>
<td>Totals</td>
<td>3</td>
</tr>
</tbody>
</table>

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 356X Ext. #2
   A Laboratory and Field Durability Study of Asphaltic Mixtures, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $53,341.00.

2. Industrial Research Contracts

   EES 383X Ext. #1
   Development of Study Program for Heat Losses, Columbus & Southern Ohio Electric Company, Columbus, Ohio.
   Gross Value - $3,500.00.

   EES 403X
   Sonic Rock Crushing, Columbia Cement Company, Columbus, Ohio.
   Gross Value - $25,290.00.

* * *

300
IV. GRANTS AND GIFTS

SUMMARY
(Period: October, 1971)

<table>
<thead>
<tr>
<th>Grants</th>
<th>$1,871,958.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gifts</th>
<th>The Ohio State University Development Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Gifts</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Alumni</td>
<td>2,258</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>1,054</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>40</td>
</tr>
<tr>
<td>Foundations and Nonprofit</td>
<td></td>
</tr>
<tr>
<td>Organizations</td>
<td>36</td>
</tr>
<tr>
<td>Totals</td>
<td>3,388</td>
</tr>
</tbody>
</table>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $1,700,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "A Comprehensive Career Education Model," under the direction of the Center for Vocational and Technical Education, for the period October 1, 1971 through June 30, 1972. (Grant No. OEG-3-7-000158-2037)

2. $42,041.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I.D. No. B 7 45 0430 15 1)

3. $30,483.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Biosynthesis of Neurohypophyseal Hormones," for a Development Award - Research Career Program, under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 AM11519-04)

4. $30,305.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for training services for employees of the Ohio Bureau of Employment Services (fifteen new entry and thirty upgrade trainees), under the direction of the Division of Continuing Education, for the period September 1, 1971 through August 31, 1972. (Contract No. NCES 1039)

5. $24,786.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SM on Phi X-DNA Replication," for a Development Award - Research Career Program, under the direction of the Department of Medical Microbiology, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 K03 AI05714-05)

6. $18,550.00 granted by U. S. Department of Labor, Manpower Administration, Office of National Projects, Washington, D. C., to the University for a fellowship in manpower and computer technology, under the direction of the Department of Computer and Information Science, for the period October 1, 1971 through September 30, 1973. (Grant No. 98-39-72-001)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. $15,000.00 granted by Agency for International Development, Department of State, Washington, D.C., for tuition for Human Resource Training Institute, under the direction of the College of Administrative Science, Division of Research (Center for Human Resource Research). (Contract No. AID/cds/410)

8. $6,293.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I.D. No. G 7 45 0430 15 1)

9. $4,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Adolescent's World - Tune In and Turn On - Training Grant," under the direction of the School of Nursing, for the period October 18, 1971 through October 20, 1971. (Grant No. 1 A06 AH 05034-01)

B. The Ohio State University Development Fund

1. $31,500.00 from the Eastman Kodak Company, Rochester, New York--$16,500.00 as an unrestricted gift to the University, $10,000.00 for its research fund in Chemistry, and $5,000.00 for its fellowship in Chemical Engineering.

2. $20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for its Professorship in Chemical Engineering.

3. $13,000.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.

4. $10,000.00 from General Electric Foundation, Bridgeport, Connecticut--$5,000.00 for its research fund in Industrial Engineering and $5,000.00 to assist Ph.D. programs leading to the development of future faculty in Accounting.

5. $8,000.00 from National/Ohio 4-H Foundation Campaign for the 4-H Foundation Fund.

6. $7,500.00 from Suburban Motor Freight, Inc., Columbus, Ohio, for the James Riley Professorship of Marketing and Logistics.

7. $7,000.00 from E. F. Wildermuth Foundation, Columbus, Ohio, for its named scholarship and loan fund.

8. $5,650.00 from G. D. Searle & Company, Chicago, Illinois, for research in gastrointestinal cancer.

9. $5,000.00 from the Estate of Carl G. Ungericht, Columbus, Ohio, for a loan fund for students in the College of Pharmacy.
December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

10. $2,500.00 from Mr. and Mrs. Alfred C. Le Feber for the establishment of the Susan Baird Le Feber Memorial Fund.

**Susan Baird Le Feber Memorial Fund**

The Susan Baird Le Feber Memorial Fund was established December 3, 1971, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Mr. Alfred C. Le Feber, B.A. '40, J.D. '50, and Janet Spears (Mrs. Alfred C.) Le Feber, B.Sc., Soc. Adm. '43, Geneva, Illinois, in memory of their daughter.

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

Income is to be used for approved programs and activities of the College of Law as selected and determined by the Dean of the College of Law.

In the event the College of Law, as it now exists, shall be altered in any reorganization of the University, then the administrative official of the University directly responsible for legal education shall direct the use of this fund in accordance with the above provisions.

11. $1,000.00 from Alden R. Winter for the establishment of the Alden R. Winter Poultry Research Fund.

**Alden R. Winter Poultry Research Fund**

The Alden R. Winter Poultry Research Fund was established December 3, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Alden R. Winter, M.S. '21, Ph.D. '29, Columbus, Ohio.

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

The annual income is to be used to support a graduate student research assistantship in Poultry Science.

Should the need for this research cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Poultry Science.
December 3, 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 (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Buckeye Village—Modernization of Electrical Systems in Phase One Buildings

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 29,205.00</td>
<td>$ 58,404.00</td>
<td>$29,199.00</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 998295 (Dormitory Contingency Fund).

B. Derby Hall—Improvements for Political Science Department

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 35,497.00</td>
<td>$ 36,040.00</td>
<td>$ 543.00</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 801231 (Derby Hall Alterations) and House Bill 531, Item 315-074 (Utilities and Renovations).

C. Lima Technical Building

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$822,665.00</td>
<td>$825,370.97</td>
<td>$2,705.97</td>
</tr>
</tbody>
</table>

This cost increase resulted from adoption of more stringent flamespread and smoke ratings on carpet specifications, building identification letters, and a request by the fire chief to relocate two fire hydrants.

Funds for this project have been provided by Budget Account 801132 (Lima Technical Education Laboratory).
V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

D. Orton Hall - Exterior Restoration and Waterproofing

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 28,778.00</td>
<td>$ 38,078.00</td>
<td>$ 9,300.00</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

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

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Arps Parking Ramp, Waterproofing Top Floor Levels

This project involves the cleaning, sandblasting, and preparation of approximately 45,500 sq. ft. of concrete decks and the application of a vehicular membrane waterproofing.

Funds for this project have been provided from Budget Account 801250 (Arps Ramp Sealing).

B. Neil Hall, Air Conditioning and Improvements

This project involves changing the utilization from Dormitory to Apartments, including air conditioning, minor remodeling, installing kitchen units, and electrical wiring.

Funds for this project have been provided from Budget Account 920600 (Dormitory Revenue Account).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.
December 3, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACT

A. State Health Laboratory - Demolition - 382 West 10th Avenue

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1 bid received 11-22-71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B &amp; B Wrecking Company (Cleveland, Ohio)</td>
<td>$8,700.00</td>
<td>$15,200.00</td>
</tr>
</tbody>
</table>

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

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the above award of contract and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Authorization to Purchase Land and Services from Nationwide Communications, Inc.

The 108th Ohio General Assembly authorized through House Bill 531 the further development of educational television transmitting facilities. To implement the development of specific facilities authorized through this action, President Fawcett recommended that the President and/or Vice President for Administrative Operations be authorized to purchase a 45.815 acre site in Genoa Township, Delaware County, for the sum of $100,793 through the University Investment Portfolio funds and to recompense Nationwide Communications, Inc., the additional sum of $52,500 from Federal funds for the out-of-pocket expenses which were advanced by this Corporation associated with the selection, acquisition, obtaining of Federal clearances, and development of this site.

Funds for the construction of the 1,000 foot television tower have been made available from grants from the Ohio Educational Television Network Commission and from the Department of Health, Education, and Welfare.

This recommendation supersedes the recommendation of December 4, 1970.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
December 3, 1971 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Acquisition of Property - 3371 Granville Road, Worthington, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, President Fawcett recommended that the back approximately 30-acre portion of a farm located at 3371 West Granville Road, Worthington, Ohio, be purchased from Adah Prushing et al with University Investment Portfolio funds.

This purchase is proposed to be made in three payments with the first payment to be made not later than December 30, 1971, and the other two payments to be paid on February 1 of each year thereafter until fully paid.

It was recommended further that the President and/or the Treasurer be authorized to execute the agreement to purchase the property as described above and the promissory note setting forth the terms of the installment purchase.

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

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

Columbia Gas of Ohio, Inc., has requested permission to construct a four-inch gas line across University property, commencing on Case Road west of the Aeronautical and Astronautical Research Laboratory, proceeding westward to the intersection of Sawmill Road.

The construction of this gas line will provide gas service to the University's Animal Science Center currently being constructed in the Don Scott Field area.

President Fawcett recommended that an easement necessary for the installation of the gas line be granted to Columbia Gas of Ohio, Inc., and that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University in executing the necessary legal instruments to provide for the easement and to request the Director of Public Works pursuant to his statutory duties to develop the necessary legal instruments to provide for the gas line easement.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.
D. Telephone Line Easement, Don Scott Field, Ohio Bell Telephone Company

The Ohio Bell Telephone Company has requested an easement on State of Ohio lands to provide additional telephone service for the Department of Aviation and to the new FAA control tower.

The Ohio Bell Telephone Company has agreed to provide this additional service and convert its present pole-mounted telephone lines to an underground system.

President Fawcett recommended that an easement be granted to the Ohio Bell Telephone Company, giving permission to install an underground telephone line system at Don Scott Field, and that the President and/or the Vice President for Administrative Operations be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the underground telephone system.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the foregoing recommendation was approved with six affirmative votes and Mr. Eckley abstained from voting.

E. Demolition of Horticulture and Forestry Greenhouses, Numbers 1, 2, 3, 4, 5, and 14, 1827 Neil Avenue

Upon the request of the Vice President for Administrative Operations, President Fawcett recommended that the Horticulture and Forestry Greenhouses, Numbers 1, 2, 3, 4, 5, and 14, located at 1827 Neil Avenue, be demolished as soon as practical to clear the site for future development of the area in accordance with the Master Plan of the University.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Administrative Operations at a cost not to exceed $6,500. Funds are available in Budget Account 124358 (Contract Repair).

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

IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Weikko Alexanderti Heiskanen, Professor Emeritus in the Department of Geodetic Science. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.
IX. RESOLUTION IN MEMORIAM (continued)

A. Weikko Alexanteri Heiskanen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 23, 1971, of Weikko Alexanteri Heiskanen, Professor Emeritus in the Department of Geodetic Science.

Dr. Heiskanen was born in Finland on July 2, 1895. He was graduated from the University of Helsinki with a "primus" Master of Science and "ultimus" Ph. D. in 1924.

The first seven years after graduation Dr. Heiskanen was employed as a State Geodesist and the following twenty-one years he served as a Professor in Geodesy at Finland's Institute of Technology. In 1949 he was appointed as the Director of the Finnish Geodetic Institute by the President of Finland. In this capacity he served for twelve years of which the last ten were shared between the Institute and The Ohio State University. Dr. Heiskanen came to Ohio State as a Visiting Professor in 1950 and was appointed a Professor in 1951 from which position he retired in 1965. During his stay here, he also served as Director of the Institute of Geodesy, Photogrammetry and Cartography. This Institute was actually born because of his presence here and was the forerunner of the Department of Geodetic Science. Dr. Heiskanen's contribution to education and research in geodetic science at The Ohio State University was outstanding. During his stay he also supervised several large research projects sponsored predominately by the Armed Forces.

Dr. Heiskanen served as President of one cultural and three scientific societies in Finland. He was also Vice President of the International Union of Geodesy and Geophysics and President of the Physical Geodesy Section of the International Association of Geodesy. He served as a member of the Finnish Parliament between the years 1933-1936.

Dr. Heiskanen wrote eleven textbooks--some in Finnish, some in English, and one in German. He contributed to seven different encyclopaedias. He wrote altogether approximately 3,600 pages of text and handbooks and about 4,200 pages of other scientific writings. He also made considerable contributions to religious literature. His latest writing in this field was entitled, "Where Is the Heaven?"

Dr. Heiskanen held membership in eight Academies of Science in various countries. His latest membership came in 1965 when he was appointed by the Pope as a member of the Pontifical Academy of Sciences. He held honorary membership in seven scientific societies and received honorary degrees from the University of Bonn, Germany; University of Uppsala, Sweden; Finland's Institute of Technology, and The Ohio State University.

In the long list of medals and awards conferred upon him is the William Bowie Medal of the American Geophysical Union which he received in 1956.
IX. RESOLUTION IN MEMORIAM (continued)

A. Weikko Alexanteri Heiskanen (continued)

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

X. REPORTS

A. Report on the University's Investment Portfolio

The report dated December 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

B. Report from the Retirement and Insurance Committee


Dr. Sirak reported that Alexander & Alexander would present a report of findings concerning the insurance program of the University to appropriate members of the University administration and members of the Retirement and Insurance Committee on December 17, 1971.

2. Insurance and Retirement Program for University Employees

Dr. Sirak, a member of the Retirement and Insurance Committee, recommended that the following amendments to the insurance program for faculty, staff, and all regular employees of The Ohio State University be approved:

That the John Hancock Mutual Life Insurance Contracts Nos. 1035-G and 58175-GTC as amended for faculty and staff and Contract No. GTC-58175-100 as amended for classified and hourly employees be amended further to include the following changes to be made effective January 1, 1972, or as soon thereafter as legally permissible under the terms of the President's Economic Stabilization Program:

1. Annual automatic restoration of major medical maximum benefits up to $2,500 or 10% in any one year but not to exceed the maximum benefit of $25,000; and
X. REPORTS (continued)

B. Report from the Retirement and Insurance Committee (continued)

2. Insurance and Retirement Program for University Employees (continued)

2. Cover private duty nursing service by a Licensed Practical Nurse when a Registered Nurse is not available during non-hospital confinement when approved by a physician for not more than 60 days during one period of disability.

That continuous hospital and medical coverage for unmarried dependent children mentally or physically incapable of support is hereby recognized as applicable to all hospitalization and medical insurance held by The Ohio State University, as of January 1, 1972. (This provision is in accordance with Senate Bill No. 136 of the General Assembly, effective December 20, 1971.)

Detailed statements on foregoing amendments are on file with the records of the Board of Trustees.

Upon motion of Dr. Sirak, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous roll call vote.

C. Report from the Finance and Investment Committee

1. Purchase of the State of Ohio (Department of Commerce - Division of Aviation) Hangar (Don Scott Field)

Mr. Safford, Chairman of the Finance and Investment Committee, presented the following recommendation:

At the December 4, 1970 meeting of the Board of Trustees, authority was granted for the sale of 12,318 acres of land to the Ohio Building Authority for the construction of a hangar facility on the north side of the University Airport. In accordance with the agreement, the University in turn would purchase the interest of the Department of Commerce - Division of Aviation in the present hangar based upon MAI appraisals.

It was recommended that the President and/or Vice President for Administrative Operations be authorized and empowered to execute the necessary legal documents transferring jurisdiction for the hangar from the ownership of the State of Ohio (Department of Commerce - Division of Aviation) to the State of Ohio (The Ohio State University) upon payment of the appraised value.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
December 3, 1971 meeting, Board of Trustees

X. REPORTS (continued)

D. Report by President Fawcett on Revisions in Existing Rules, Regulations, and Procedures Concerning Disruption

President Fawcett made the following statement:

I would like to bring to your attention at this time a matter which will be coming before you for action at the next Board meeting. During the past year the Faculty Council of this University, based upon an Ad Hoc Committee report, has proposed a number of revisions in the existing rules, regulations, and procedures concerning disruption. These proposed revisions are in two parts. After extensive hearings and discussion the Faculty Council passed a modified hearing procedure which I am now distributing to you. The second action which I am also distributing to you is concerned with modifications in the disruption rule. Before the next Board meeting the Faculty Council will also be taking final action on this document after it has been returned to the Council by the Rules Committee. I have distributed a draft of these modifications since it is anticipated that this document will be adopted with only minor changes if any. I am making both of these documents available to you so as to provide you with time to study these revisions before being asked to take action. I also wish to indicate to you that I will recommend favorable action by you on both of these documents.

In so doing, however, I am not unmindful of the fact that for the revised hearing procedure to be successful it must enjoy a broad base of support from within the University community. This I believe it has. In requesting your support specifically of this revision I wish it understood that if this revised procedure proves unworkable or inoperable for any reason I will request immediate reinstitution of the hearing officer procedure which is provided for under our current rules.

I do not have similar reservations about the proposed revisions in the disruption rule. I think these changes will sharpen up the rule and make for a generally better understanding of it. At the same time it should be understood that the University general conduct rules and existing State statutes provide a further safeguard against excesses in conduct by individuals on this campus.

Unless there are any questions on these two documents by Board members at this time, I will assume that this matter will come before the Board at its next meeting which is scheduled for February 4. Thank you.
Rules for the University Faculty

29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall recommend to the President, subject to the approval of the Board of Trustees, a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as Chief Hearing Officer, whose duties shall include:

(a) Assisting the Council on Student Affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the Report and Recommendations of the University Committee on Rights and Responsibilities (The Ohio State University, September 15, 1968);

(b) Selecting Hearing Officers as needed from the approved list;

(c) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;

(d) Forwarding completed cases to the Vice President for Administrative Operations for administrative implementation in accordance with their final determination by the Chief Hearing Officer;

(e) Hearing on appeal student disciplinary cases, not including University actions relating to academic failure or violations of a code of professional ethics or of an honor code of those colleges or academic units having such codes, where an appeal is taken by any student from any such action by his College, University Committee, or other properly authorized University adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.

Section 2. That an array of Hearing Panelists, large enough to allow at least three panels, shall be selected by lot consisting of:

(a) Faculty members,

(b) Undergraduate students,

(c) Graduate and professional students, and

(d) Administrative staff members.

Any person selected to serve as Hearing Panelist may be exempted from such service if he declines.

The Chief Hearing Officer shall, by lot, select from the array Hearing Panels, each composed of two faculty members, two undergraduate students, one graduate or professional student, and one administrative staff member. The Hearing Panels shall have original jurisdiction to hear cases of alleged student violation of Rule 51.03 brought before it by authorized University officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.
29.2725. Hearing Officers and Panels. (continued)

The University and the Defendant shall have the right to challenge for cause. The Hearing Officer shall hear challenges for cause.

29.2726. Pending Criminal Law Suit.

Section 1. Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by University rules, the University shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the University may bring the student before a Hearing Officer and Panel to find whether he poses such a danger. If the Panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the Hearing Officer may specify (except that the student may not be deprived of University scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the Hearing Officer shall, on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a Hearing Officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the University pending a full hearing.

45.03. Group Absences.

Section 4 revoked.

51.03. Disruption.

Section 1. No student, faculty, staff, visitor, or other person shall, with an intent to disrupt University authorized activities:

(a) obstruct the lawful movement of any person or persons about the campus, into or out of any University building or facility, or within any University building or facility, and fail to desist when so ordered by an authorized University official;

(b) obstruct the movement of vehicular traffic on the streets of the University, and fail to desist when so ordered by an authorized University official;

(c) occupy a University building or facility in such a manner as to prevent others from carrying out University authorized activities and fail to depart when informed by an authorized University official that he is disrupting University authorized activities and must depart;
Rules for the University Faculty

51.03. Disruption. (continued)

(d) interfere with the conduct of a class, office, laboratory, or other University authorized activity by shouting, chanting, marching, throwing missiles, or otherwise creating such a disturbance that the authorized activity cannot, in the judgment of an authorized University official, be carried on, and fail to desist when so ordered by an authorized University official;

(e) employ force or violence, or the explicit threat of force or violence, to prevent any person or persons from carrying out University authorized activities;

(f) damage public address systems, television sets, laboratory equipment, computer systems, or other property used for the carrying out of University authorized activities;

(g) solicit any person or persons to violate subsections (a) through (f) of this rule, knowing that there is a clear and present danger that such violations will occur (but a person shall not be charged with soliciting unless a violation of subsections (a) through (f) occurs as a result of his solicitation).

(h) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott of classes, or other forms of peaceful dissent.

Any student found guilty of the conduct proscribed in subsections (a) through (g) shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to Rule 29.2725.

Non-students charged with the conduct proscribed in subsections (a) through (g) shall be referred to an appropriate authority.

Section 2. Definitions.

(a) The phrase "with an intent to disrupt" shall be taken to mean that a person knows or reasonably should know that his act or acts will have the consequence of preventing others from carrying out University authorized activities.

(b) The phrase "to obstruct" shall be taken to mean making the movement of a person or vehicle from one place to another difficult or impossible; it shall not be taken to mean making that movement inconvenient.

(c) The phrase "University authorized activity" shall be taken to mean any activity that the University conducts, sponsors, or permits to be carried out on the campus or in any University building or facility.
51.03. Disruption. (continued)

(d) The phrase "an authorized University official" shall be taken to mean any person to whom the University has delegated authority to supervise a building or facility, or any part of a building or facility, or to supervise the movement of people and vehicles on the campus.

(e) The phrase "campus" shall be taken to mean University owned or controlled property.

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51.05. Individual Disruption.

Rule revoked.

- o -
December 3, 1971 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 4, 1971, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton  
Secretary

James W. Shocknessy  
Chairman
APPENDIX III

Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty
Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty

ARTICLE III

Administration of the University

Section 1. The Office of the President.

The Office of the President shall consist of the President, a staff assistant (or staff assistants) to the President, the Executive Assistant to the President, the Executive Vice President and Secretary of the Board of Trustees, the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. In addition, the Ombudsman shall have direct access to the Office of the President. The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

Section 6. The President's Cabinet; Executive Vice President and Secretary of the Board of Trustees.

The major area of responsibility and authority for the Executive Vice President shall be that of chief of staff for the President of the University. He shall assist with the entire administration of the University, coordinate and evaluate administrative efforts, serve as chief executive in the President's absence, and coordinate matters assigned to the other Vice Presidents and the Executive Directors. In addition to his service of the Secretaryship of the Board of Trustees, he shall have direct supervision of the offices of Public Safety and Special Projects.

Section 7. The President's Cabinet; Provost and Vice President for Academic Affairs.

The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and the Executive Directors of the University which relate to the academic program of the University.
Amendments to By-Laws of the Board of Trustees
and Rules for the University Faculty (continued)

Section 8. The President's Cabinet; Vice President for Administrative Operations.

The major area of responsibility and authority for the Vice President for Administrative Operations shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Administrative Operations shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have requisite authority for: the conduct and evaluation of all administrative operations and procedures of the University; the direct administration of University records and admissions, non-academic student discipline, the administrative systems computer center, business management, physical facilities, including the operation and maintenance of grounds; the coordination of traffic and parking; the coordination of University computers; the distribution of supplies and equipment; the maintenance of all equipment; and the administration of all University housing facilities. As a deputy of the President, he shall be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and Executive Directors which relate to the administrative operations of the University.

Section 9. The President's Cabinet; Vice President for Student Affairs.

The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President for Student Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, University Union facilities and programs, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling, student financial aids and scholarships, off-campus student housing, and the student orientation program.

Section 10. The President's Cabinet; Vice President for University Development.

The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services, governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the administrative coordination of The Ohio State University Development Fund and The Ohio State University Research Foundation.
Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty (continued)

Section 11. The President's Cabinet; Vice President for Educational Services.

The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science; the University Archives, evaluation and testing, photography and cinema, and the Learning Resources Computer Center.

Section 14. The President's Cabinet; Executive Assistant to the President.

The Executive Assistant to the President shall render such service and have such responsibility and authority as the President may from time to time direct. He shall serve as Secretary of the President's Cabinet and of the Administrative Council.

Section 17. Administrative Council.

The President of the University, the members of the President's Cabinet, the Deans of the Colleges, the Vice Provost for Graduate Affairs and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Administrative Council of the University. The President shall be Chairman of the Council, and the Executive Assistant to the President shall be Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assigned by the President.

The Administrative Council shall meet at least once each quarter during the academic year and on call by the President. The Administrative Council shall serve as an advisory council to the President.

ARTICLE VII

Student Affairs

Section 1. Discipline.

The President shall have the final responsibility and authority for the discipline of all students of the University. This responsibility and authority may be delegated by the President to the Vice President for Administrative Operations.

The Deans of the Colleges and of the Graduate School, the Directors of Schools and the Chairmen of Departments, respectively, are responsible to the President through regular disciplinary channels for the discipline of all students in the activities of their respective Colleges, Schools and Departments.
Amendments to By-Laws of the Board of Trustees
and Rules for the University Faculty (continued)

11.  Administration of The Ohio State University

11.01.  Office of the President.

The Office of the President shall consist of the President, a staff assistant (or staff assistants) to the President, the Executive Assistant to the President, the Executive Vice President and Secretary of the Board of Trustees, the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. In addition, the Ombudsman shall have direct access to the Office of the President. The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

11.1101.  Executive Vice President and Secretary of the Board of Trustees.

Section 1.  The Executive Vice President and Secretary of the Board of Trustees shall serve as chief of staff for the President and serve as chief executive in the President's absence.

Section 2.  The major area of responsibility and authority for the Executive Vice President shall be that of chief of staff for the President. He shall assist with the entire administration of the University, coordinate and evaluate administrative efforts, serve as chief executive in the President's absence, and coordinate matters assigned to the other Vice Presidents and the Executive Directors. In addition to his service of the Secretaryship of the Board of Trustees, he shall have direct supervision of the offices of Public Safety and Special Projects.

Section 3.  The principal administrative officials of the Office of the Executive Vice President and Secretary of the Board of Trustees shall be the Director of Public Safety, Director of Special Projects, and such associates as may be authorized from time to time.

11.1102.  Provost and Vice President for Academic Affairs.

Section 1.  The Provost and Vice President for Academic Affairs shall be the executive head of the Office of Academic Affairs, Office of Research and Sponsored Programs, and the Office for the Coordination of Minority Affairs. The Provost and Vice President for Academic Affairs is the principal academic officer of the University responsible directly to the President of the University for all matters relating to the academic program of the University.

Section 2.  The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of

*Rule initiated by Board of Trustees.
Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty (continued)

11.1102. Provost and Vice President for Academic Affairs. *(continued)*

governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and the Executive Directors of the University which relate to the academic program of the University.

Section 3. The principal administrative officials of the Office of the Provost and Vice President for Academic Affairs shall include such associates as may be authorized from time to time.

11.1103. Vice President for Administrative Operations. *

Section 1. The Vice President for Administrative Operations shall be the executive head of the Office of Administrative Operations.

Section 2. The major area of responsibility and authority for the Vice President for Administrative Operations shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Administrative Operations shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the conduct and evaluation of all administrative operations and procedures of the University; the direct administration of University records and admissions, non-academic student discipline, the administrative systems computer center, business management, physical facilities, including the operation and maintenance of grounds; the coordination of traffic and parking; the coordination of University computers; the distribution of supplies and equipment; the maintenance of all equipment; and the administration of all University housing facilities. As a deputy of the President, he shall be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and Executive Directors, which relate to the administrative operations of the University.

Section 3. The principal administrative officials of the Office of the Vice President for Administrative Operations shall be the Director of Admissions and Records; Director of Administrative Systems Computer Center; Assistant Vice President for Business Management; Assistant Vice President for Physical Facilities; Assistant Vice President for University Housing; the University Discipline Officer; and such associates as may be authorized from time to time.

*Rule initiated by Board of Trustees.
Amendments to By-Laws of the Board of Trustees
and Rules for the University Faculty (continued)

11.1104. Vice President for Student Affairs.*

Section 1. The Vice President for Student Affairs shall be the executive head
of the Office of Student Affairs.

Section 2. The major area of responsibility and authority of the Vice President
for Student Affairs shall be that of student affairs at the University. Without limiting
the generality of the foregoing, the Vice President for Student Affairs shall, under
the direction of the President, through the appropriate coordinating deputy and with
the approval of the Board of Trustees, be responsible and have the requisite authority
for: the promulgation of rules governing student conduct both on and off campus; the
coordination of student extracurricular activities including all student (or student-
connected) organizations; and the administration of student health service, University
Union facilities and programs, student athletic programs including intercollegiate
athletics and recreation and intramural program, counseling, student financial aids
and scholarships, off-campus student housing, and the student orientation program.

Section 3. The principal administrative officials of the Office of Student Affairs
shall be the Dean of Students, Director of University Health Service, Director of Student
Financial Aids, Director of Off-Campus Housing, Director of Athletics, Director of the
Ohio Union or student unions, Director of University Counseling Center, Director of
Recreation and Intramurals, and such other associates as may be authorized from time
to time.

11.1105. Vice President for University Development.*

Section 1. The Vice President for University Development shall be the executive
head of the Office of University Development.

Section 2. The major area of responsibility and authority of the Vice President
for University Development shall be that of general University development. Without limiting
the generality of the foregoing, the Vice President for University Development
shall, under the direction of the President and with the approval of the Board of Trustees,
be responsible and have the requisite authority for: the administration of all aspects of
University development including the coordination of all University and related offices
involved in resource development, fund raising, public relations, community relations,
alumni affairs, alumni records and information services; governmental liaison and
legislative relations; the development and administration of internal and external
communications, including University publications; the coordination of special events,
and the administrative coordination of The Ohio State University Development Fund
and The Ohio State University Research Foundation.

Section 3. The principal administrative officials of the Office of University
Development shall be a Director of Public Relations, Executive Director of The Ohio
State University Research Foundation, Executive Director of The Ohio State Uni-
versity Development Fund, Coordinator of the Major Resources Group, Director of
the Alumni Information Center, Executive Assistant to the Vice President for University
Development, and such other associates as may be authorized from time to time.

*Rule initiated by Board of Trustees.
Amendments to By-Laws of the Board of Trustees
and Rules for the University Faculty (continued)

11.1106. Vice President for Educational Services.  

Section 1. The Vice President for Educational Services shall be the executive head of the Office of Educational Services.

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science; the University Archives, evaluation and testing, photography and cinema, and the Learning Resources Computer Center.

Section 3. The principal administrative officials of the Office of Educational Services shall be the Assistant Vice President for Continuing Education; the Director of the Telecommunications Center, the Director of the University Libraries, the Director of the Department of Photography and Cinema, the Director of the Listening Center, the Director of the Teaching Aids Laboratory; the University Archivist, the Executive Dean of Evaluation and Testing, the Chairman of the Department of Air Force Aerospace Studies, the Chairman of the Department of Military Science, and the Chairman of the Department of Naval Science, and such other associates as may be authorized from time to time.

11.1109. Executive Assistant to the President.  

The Executive Assistant to the President shall render such service and have such responsibility and authority as the President may from time to time direct. He shall serve as Secretary of the President's Cabinet and of the Administrative Council.

11.13. Principal Administrative Officials.  

Section 1. The principal administrative officials in the Offices of the Cabinet Members shall be appointed by the Board of Trustees upon the nomination of the President. Recommendations regarding these appointments will be made to the President through the Executive Vice President and Secretary of the Board of Trustees, or through the appropriate coordinating deputy, either the Provost and Vice President for Academic Affairs or the Vice President for Administrative Operations of the University following appropriate consultation.

Section 2. Each principal administrative official shall have such responsibility and shall exercise such authority as may from time to time be delegated to him by the Cabinet Member to whom his office is attached. He shall be responsible to his Cabinet Member for the activities of his office and shall report directly to that Cabinet Member.

*Rule initiated by Board of Trustees.
11.13. Principal Administrative Officials. *(continued)*

Section 3. Appropriate records shall be kept by all of these administrative officials and shall be available to the President, to the University Ombudsman, or the appropriate Cabinet Member upon request.

Section 4. Unless otherwise specified, all assigned responsibilities shall be on a University-wide basis including the Regional Campuses of the University.

Section 5. In the rules following this section specific responsibilities are assigned to the Director of Libraries, Registrar, Director of Admissions, and Director of Athletics. Further responsibilities may be assigned from time to time in accordance with Section 2 of this Rule 11.13.

11.1307. Registrar.

Subject to the direction of the Vice President for Administrative Operations, the principal duties of the Registrar shall be as follows: (1) the maintenance and custody of the official student records of the University; (2) the maintenance of a complete file of the local and home addresses of all present and former students; (3) the supervision of the details of registration; (4) the supervision of the details of the time schedule; and (5) the assignment of rooms for classes and for other instructional meetings.

The records of the standing of students shall be kept by the Registrar primarily in the interests of the students and for the use of the Office of the President, the Deans, and the members of the faculty. No person not connected with the University shall have access to these records. A student shall not have direct access to these records, but on request shall be furnished with a statement of his standing to date. Any student leaving the University shall, upon request, be furnished with a complete copy of his record. Duplicate copies, and copies requested at other times to be sent to designated persons, may be secured by payment of a fee.

11.1309. Director of Admissions.

The Director of Admissions, subject to the direction of the Vice President for Administrative Operations, shall:

a. Direct the administration of admission policies duly established by the appropriate faculty bodies.

1. Exceptions to such policies shall be made only in accordance with recommendations of the Dean or Director of the College, School, or Division involved.

2. A special student not seeking a degree must be approved for admission by the Dean or Director of the College, School, or Division concerned.

*Rule initiated by Board of Trustees.*
Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty (continued)

11.1309. Director of Admissions. (continued)

b. Receive, evaluate, and maintain all certificates and transcripts presented by or on behalf of applicants for admission to the University or for credit in any course.

c. Issue all official notices of admission to applicants and certify the validity of transfer credits to the Registrar and to the Secretary of the College, School, or Division involved.

d. Transfer students upon request from one College, School, or Division in the University to another, but only in accordance with policies established by the Colleges, Schools, or Divisions involved.

e. Conduct the official correspondence of the University on all matters connected with the admission of students.

f. Perform such other duties and assume such additional responsibilities as may be assigned to him from time to time by the Vice President for Administrative Operations.

11.1311. Director of Athletics.

Section 1. The Director of Athletics shall be a member of the faculty. He shall be responsible to the Vice President for Student Affairs. The Director of Athletics shall be appointed under the procedures outlined in Rule 13.0503. The Athletic Council (see Rule 29.2711) shall also be consulted.

Section 2. Under policies established by the Athletic Council, the Director of Athletics shall direct the programs of intramural and intercollegiate athletics. The Director of Athletics shall arrange the schedules of intercollegiate contests, supervise all trips, and make all arrangements for the conduct of intercollegiate contests.

The annual budget of the Division of Intercollegiate Athletics shall be prepared by the Director of Athletics in accordance with University procedure.

Section 3. He shall have the duties of the Chairman of a Department as prescribed in Rule 13.0503.

Section 4. The athletic physical plant and employees thereof shall be under the jurisdiction of the Director of Physical Plant and shall be administered under the rules and regulations of the Board of Trustees. An appropriate charge for this service shall be made to the Athletic Department Rotary.
Amendments to By-Laws of the Board of Trustees
and Rules for the University Faculty (continued)

11. 1501. Administrative Council.*

The President of the University, the members of the President's Cabinet, the
Deans of the Colleges, the Vice Provost for Graduate Affairs and Dean of the
Graduate School, and the Vice Provost for Arts and Sciences shall comprise the
Administrative Council of the University. The President shall be Chairman of the
Council, and the Executive Assistant to the President shall be Secretary. In the
temporary absence of the President, the duties of the presiding officer shall be
assigned by the President.

The Administrative Council shall meet at least once each quarter during the
academic year and on call by the President. The Administrative Council shall
serve as an advisory council to the President.

13. 00. Establishment and Administration of Colleges,
Schools, Departments, and Institutes


Section 1. There shall be a Dean of each College who shall be a member of
its faculty and the administrative head of the College. Each Dean shall be appointed
by the Board of Trustees upon nomination of the President. Before making his
nomination, the President shall confer with members of the faculty of the College
for which the Dean is to be appointed and shall consider the recommendations of the
Chairmen of the Departments and the Directors of the Schools in that College.

Section 2. The major responsibility of the Dean of each College shall be that
of providing active leadership in the promotion, direction and support of educational
and research activities of the University, in the maintenance of a high level of morale
among the faculty, and in the encouragement of the spirit of learning among the
students. In addition he shall have general administrative responsibility for the
program of the College, subject to the approval of the President and the Board of
Trustees. These administrative responsibilities shall include the duty:

a. To preside at meetings of the College Faculty and to appoint all
College committees unless their membership has been designated
by Faculty Rule or by the College Faculty.

b. To approve courses of study for students in his College, to warn
students who are delinquent in their studies and to recommend
appropriate student disciplinary action to the appropriate
university disciplinary body or official.

c. To present candidates for degrees to the President on behalf
of the College Faculty and to serve as a member of the Admin-
istrative Council (see Rule 11. 1501).

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*Rule initiated by Board of Trustees.
Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty (continued)

13. 0301. Deans of the Colleges. (continued)

d. After consultation with the Chairmen of the Departments and the Directors of the Schools within the College to make recommendations to the Provost and Vice President for Academic Affairs, concerning the college budget, the appointments to and promotions within the staff and the membership of the College Faculty. Whenever his recommendations involve the appointment or promotion in rank of faculty members offering graduate work or acting as advisers to graduate students, the Dean of a College shall consult with the Vice Provost for Graduate Affairs and Dean of the Graduate School. (See Section 2 of Rule 13. 0303.)

Section 3. The Dean is hereby given authority requisite to carrying out the responsibilities of his position. He may delegate any of his responsibility and authority to another member of the faculty of the College. He shall be a voting member of the faculty of each department.

Section 4. The usual method of communication between the Dean and the President or the Board of Trustees shall be through the appropriate Cabinet member, then to the President and through him to the Board of Trustees.

25. 00. University Faculty

25. 03. Presiding Officer.

The President of the University shall be the presiding officer of the University Faculty. In his absence the duties of the presiding officer shall be assigned to the Provost and Vice President for Academic Affairs. In the absence of both the President and the Provost and Vice President for Academic Affairs, the duties of the presiding officer shall be assigned by the President to the Dean of one of the Colleges, the Vice Provost for Arts and Sciences, or the Vice Provost for Graduate Affairs and Dean of the Graduate School.

29. 00 Faculty Council

29. 01. Membership.

There shall be a Faculty Council constituted as follows:

a. Ex officio Members. There shall be twenty-eight ex officio members: The President; Executive Vice President; Provost and Vice President for Academic Affairs; Vice President for Administrative Operations; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Secretary of the University Faculty; Vice Provost for Graduate Affairs and Dean of the Graduate School; Vice Provost for Arts and Sciences; Deans of the Colleges; and Director of Libraries.

*Rule initiated by Board of Trustees.
29.01. Membership. (continued)

b. Faculty Members. There shall be sixty-eight elected from members of the University faculty on Regular contract, distributed among and elected by each college, academic unit not assigned to a college and regional campus with a resident faculty and its own Faculty Council. For the purposes of this section there are two academic units not so assigned: (1) the library and (2) the Departments of Military, Naval, and Air Force Aerospace Studies. Each college, each such academic unit, and each such regional campus shall constitute an election district from which shall be elected the number of members as specified for each election by the Committee on Elections for the Faculty Council, and shall elect at least one member. No person is eligible to represent one college, academic unit, or regional campus while serving as representative of another.

c. Student Members. There shall be thirty-three elected members, with voting privileges on all matters except to pass on candidates for degrees; one by each of the sixteen college councils; eight by the Council of Graduate Students; the President of the Undergraduate Student Body; and eight by the Student Assembly.

d. Alternate Members. Each member of the Faculty Council is expected to attend its meetings regularly but alternate representatives shall be designated for each election district in order to assure full attendance at meetings when regular representatives are justifiably absent.

When a regular member is off duty or unable to attend a meeting of the Faculty Council, he shall notify the Secretary of the Council in advance of the meeting, giving the name of the alternate who will represent him. The alternate so designated shall then have the general powers and privileges in the Faculty Council of the person whom he represents.

Alternates shall be designated as follows: (a) alternates for ex officio members - each ex officio member shall designate his alternate; (b) alternates for elected members - unsuccessful candidates for election shall constitute a panel of alternates in each election district, in the order of votes which they received in the election.

29.11. Presiding Officer.

The President of the University shall be the presiding officer of the Faculty Council. In his absence, the duties of the presiding officer shall be assigned to the Provost and Vice President for Academic Affairs. In the absence of both the President and the Provost and Vice President for Academic Affairs, the duties of the presiding officer shall be assigned by the President to the Dean of one of the Colleges, the Vice Provost for Arts and Sciences, or the Vice Provost for Graduate Affairs and Dean of the Graduate School.

Section 1. The Council on Admissions and Registrations shall consist of twelve members chosen as follows:

a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for reappointment.

b. Ex officio members. The persons holding the following three titles shall be ex officio members: Provost and Vice President for Academic Affairs or his designee (who shall serve as Chairman of the Council); Vice President for Administrative Operations or his designee (who shall serve as Secretary of the Council); and the Executive Director of University Planning.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers) or to the Faculty Council, depending upon the nature of the recommendation.

51.00. University Discipline

51.01. General Discipline.

Section 1. The President shall have the final responsibility and authority for the discipline of all students of the University. This responsibility and authority may be delegated by the President to the Vice President for Administrative Operations. (See Rule 11.1101.)

53.00. Activities

53.09. Student Use of University Buildings.

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Office of the Dean of Students.

Section 2. No student, group of students, or registered student organization may announce an activity involving the use of University facilities or use University facilities for an activity, unless permission for such use has been obtained from the Office of the Dean of Students and any required facility has been scheduled through the Division of Campus Planning and Space Utilization in accordance with Rule 61.05.
54. 00. The Ohio Union

54. 03. Director,*

The Director, Ohio Union, shall be the chief administrator of the Ohio Union. He shall have the general administrative responsibility for its program and its financial affairs. The Director shall be responsible to the Vice President for Student Affairs.

54. 05. The Ohio Union Council, 3

The Ohio Union Council shall consist of eighteen members chosen as follows:

a. Nine student members chosen in accordance with rules established by the Ohio Union Council.

b. One representative from the Council of Graduate Students (see Rule 53. 0705).

c. Seven faculty and staff members chosen as follows: (1) the Vice President for Administrative Operations or his designee, the Vice President for Student Affairs or his designee, and the Director, Ohio Union, ex officio; (2) the Program Director, Ohio Union, ex officio, but without the right to vote; (3) two members of the University Faculty, and (4) one residence halls staff representative. The faculty and staff members shall be appointed by the Vice President for Student Affairs for a term of two years.

d. One alumni member designated by The Ohio State University Association for a term of three years under such procedures as the Association shall adopt.

The faculty, staff, and alumni members shall not serve more than two consecutive terms on the Council.

Subject to the general authority of the President and the Board of Trustees, the Ohio Union Council shall establish the program policies of the Ohio Union and shall assist in the development of all of its student activities programs. It will advise the Director on other matters pertaining to the operation of the Ohio Union, but the Council shall not serve in an administrative or executive capacity.

The President of the Ohio Union Activities Board shall serve as Chairman of the Ohio Union Council; the Director, Ohio Union, shall serve as the Executive Secretary of the Ohio Union Council.

*Rule initiated by Board of Trustees.
61.00. Restrictions

61.01. Drives and Canvassing.*

Canvassing or solicitations for funds, sales, or subscriptions are prohibited on the University campus or in University buildings unless written permission therefor shall first have been granted by the Division of Campus Planning and Space Utilization which may seek recommendation regarding requests for permission from appropriate University offices.

The sale of merchandise of any kind whatsoever, or publications, or services upon University property, other than by the regularly authorized stores, restaurants, departments, or divisions of the University, is likewise prohibited except upon written permission of the Division of Campus Planning and Space Utilization which may seek recommendation regarding requests for permission from appropriate University offices.

Any person violating this Rule 61.01 shall be subject, upon proper notice, to eviction from University property or arrest.

61.05. University Facilities.*

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following: (a) the University, (b) an administrative unit of the University, (c) the President or a member of his Cabinet, (d) a member of the University Faculty, (e) a club or committee of University Faculty members, University staff members, or their wives, or (f) a recognized student organization (see Rule 53.01).

Section 2. The Division of Campus Planning and Space Utilization shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Division of Campus Planning and Space Utilization. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the name of the guest speaker and shall be submitted to the Division of Campus Planning and Space Utilization at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Division of Campus Planning and Space Utilization if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting" as used in Rules 21.09, 53.09, and 61.05 means any meeting using University facilities to which the faculty, staff, students or public is invited, except (a) regularly scheduled University courses, (b) conferences approved under University procedures, and (c) meetings of state, regional, national or international organizations approved under University procedures.

*Rule initiated by Board of Trustees.
Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty (continued)

61.05. University Facilities. * (continued)

Section 4. The responsibility and authority of the Division of Campus Planning and Space Utilization under this Rule may be delegated by it to a member of the University Faculty or of the staff of this University.

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*Rule initiated by Board of Trustees.
APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 17, 1971
The Recipients of Honors

SHERWOOD L. FAWCETT
Doctor of Science
Distinguished leader of engineers and scientists, exponent of technological innovation, and advocate of science for the benefit of society.

As President of Battelle Memorial Institute, Sherwood L. Fawcett exemplifies the imaginative scientist-administrator working at the interface of science and society. His interests range from the generation of knowledge to new concepts for applying science in business, industry, and education.

Dr. Fawcett earned his bachelor's degree in engineering physics from The Ohio State University in 1941, and, following naval service in World War II, his M.S. and Ph.D. degrees from Case Institute of Technology.

In 1950, Sherwood L. Fawcett began his career with the Battelle Memorial Institute as a participant in research directed toward the development of nuclear reactors for power and naval propulsion. Advancing through various managerial assignments, he became the first Director of the Institute's Pacific Northwest Laboratories at Richland, Washington, in 1964, and was named President of Battelle in 1963. Under Dr. Fawcett's leadership, Battelle has significantly broadened its role as a multimission, public-purpose organization involved in research, educational, and industrial development activities.

An authoritative spokesman of science and technology, Dr. Fawcett is a vice president of the American Association for the Advancement of Science and was chairman in 1976 of the Association's Section on Industrial Science. He is the author of some fifty articles and papers.

Education and civic affairs are matters of great concern to Dr. Fawcett. He is a trustee of Case Western Reserve University, the Korea Institute of Science and Technology, a member of the Board of Regents of Gonzaga University, and on the Board of Overseers of Whitman College. Active in the Ohio and Columbus Chambers of Commerce, he is also a trustee of the Columbus Symphony, Columbus Gallery of Fine Arts, and the city's Children's Hospital.

The Ohio State University is proud to confer the honorary degree, Doctor of Science, on such a distinguished alumnus.

WILLIAM JOVANOVICH
Doctor of Humane Letters
Prominent publisher and author of international distinction who has established a hallmark of innovation and quality in the publishing profession.

Administrative determination and literary acumen are but two of the outstanding qualities that mark the career of William Jovanovich. One of the nation's most renowned publishers and currently Chairman of Harcourt Brace Jovanovich, Inc., Mr. Jovanovich developed what was to become a lifelong interest in the English language while a student at the Denver Public Schools. He continued to pursue these interests at the University of Colorado, Harvard University, and Columbia University, and, with the exception of a four-year interlude with the United States Navy, he has devoted his entire career to the improvement of media production.

Joining Harcourt, Brace, and Company in 1947, Mr. Jovanovich's versatility in the areas of editing, selling, and designing books was soon recognized. With such abilities, it was not long before he ascended to become school department director, vice president, and director. Under the careful direction of Mr. Jovanovich, mergers and acquisitions permitted the publishing house to grow both in size and in scope of operation, expanding into such fields as computer-assisted instruction, micro-film reproduction, and specialized consumer magazines.

Today, Harcourt Brace Jovanovich, Inc. has large publishing operations in London, Frankfurt, and Toronto, as well as in New York.

In addition to his prominence as a publisher, Mr. Jovanovich has achieved a distinguished reputation as an author and essayist. His first book, Now, Barnabas, is devoted primarily to the author's views on the structure and concepts of publishing as they relate to American education. Several of his recent essays have been featured in Harper's, The American Scholar, The Saturday Review, and the collection, America Now.

In testimony of his dedication to the advancement of learning, The Ohio State University is honored to confer upon this distinguished author and publisher the honorary degree Doctor of Humane Letters.
Doctor of Philosophy

One hundred and sixty-six candidates

Anthony Andrew Adams, Los Gatos, Calif.
A.B., M.A. (Gonzaga University); S.T.M. (Santa Clara-Alma College)

Dissertation: Perspectives of Community Service
Responsibility of Broadcast Licensees
Field of Specialization: Speech Communication

Michael Wakefield Allen, Clarion, Pa.
B.A. (Cornell College); M.A.

Dissertation: The Prediction on Achievement in Computer
Assisted Instruction Versus Lecture Instruction Using
Linear Multiple Regression Techniques
Field of Specialization: Psychology

Bhani Visissobha Al-Nasser, Bangkok, Thailand
B.A. (Chulalongkorn University); M.A.

Dissertation: The Relationship between the Cultural
Background of Disadvantaged Children and Their
Performance on an Arithmetic Test
Field of Specialization: Education

Christodoulos Arghyrou, Ayi Omoloyida, Cyprus
B.A., M.S. in Edu. (New York State University College at
Oswego)

Dissertation: Nikos Kazantzakis and Education
Field of Specialization: Education

Andrew Dewey Bailey, Jr., Minneapolis, Minn.
B.S. in Bus., M.S. (University of Minnesota)

Dissertation: The Planning of Operations and the Analysis
of Alternative Information Systems: A Dynamic
Programming Approach to Different Costing Methods in
Accounting for Inventories
Field of Specialization: Accounting

*Robert Edward Behling, Milwaukee, Wis.
B.S. (University of Wisconsin); M.S. (Miami University)

Dissertation: Pedological Development on Moraines of
the Meserve Glacier, Antarctica
Field of Specialization: Geology

Catherine Elizabeth Bennett, Columbus
B.S.Ed., M.A.

Dissertation: Relationships among Movement Patterns,
Performance Scores and Expressed Movement Satisfaction
of Children in the Elementary School
Field of Specialization: Physical Education

Stephen Richard Betso, Brooklyn, N.Y.
B.S. (Saint John's University); M.S.

Dissertation: Electrochemical Studies of the Reduction of
the Heme Iron in Native Horse-Heart Cytochrome c
Field of Specialization: Chemistry

William Ronald Bradford, Cleveland
B.A. (Howard University); M.B.A.

Dissertation: Inflation, the Value of the Firm, and the
Cost of Capital
Field of Specialization: Business Administration

Ruth Ann Brooks, Columbus
B.S.Ed., M.A.

Dissertation: An Investigation of the Relationship between
Reading Interest and Comprehension
Field of Specialization: Education

Carol Lynch Brown, Tallahassee, Fla.
B.A. (College of Saint Catherine); M.A. (University of
Minnesota)

Dissertation: A Study of Procedures for Determining
Fifth Grade Children's Book Choices
Field of Specialization: Education

David Jeffery Brown, Columbus
B.A. (Maryknoll Seminary); M.A.

Dissertation: The Fear of Death and the Western
Protestant Ethic Personality Identity
Field of Specialization: Psychology

Marion Edna Brown, Columbus
A.B. (Taylor University); M.R.Ed. Asbury Theological
Seminary

Dissertation: Design Principles for Learning Centers
Field of Specialization: Education

Edith Guderley Buerger, Dayton
A.B. (Earlham College); M.S.

Dissertation: Abundances and Ionization Structure in
Low Excitation Planetary Nebulae
Field of Specialization: Astronomy

John David Burke, Jacksonville, Fla.
B.A. (Saint Bonaventure University); M.A. (Catholic
University of America)

Dissertation: The Stage History of the London
Productions of George Farquhar's The Recruiting Officer
1706-1964
Field of Specialization: Theatre

John Edward Burke, Kent
B.A. (Marshall College); M.F.A. (Ohio University)

Dissertation: An Historical-Analytical Study of the
Legislative and Political Origins of the Public
Broadcasting Act of 1967
Field of Specialization: Speech Communication

Roy Eugene Burkey, Columbus
B.S.Bus.Adm., M.B.A.

Dissertation: Effect of Discrepancy between Expected and
Actual Supervisory Behavior on Worker Performance and
Job Satisfaction: An Empirical Study
Field of Specialization: Business Administration

*Charles Edgar Busch, Columbus
B.A., M.A. (Miami University)

Dissertation: The Atomic Beam Aspects of a Compact
Polarized Ion Source
Field of Specialization: Physics

Ted Jordan Butler, Lima
B.A. in Bus.Adm. (Bowling Green State University);
M.B.A.

Dissertation: The Cincinnati Southern Railway: A City's
Response to Relative Commercial Decline
Field of Specialization: History

Linda Styger Cadless, Annandale, Va.
B.S. (George Washington University); M.S.

Dissertation: Effects of Various Growth Hormones on the
Production of Embryoids from Tissue Culture of the Wild
Carrot, Dauce carota L.
Field of Specialization: Botany

* Degree granted in cooperation with Miami University
Gerald Allan Campbell, Deer Park  
B.S. (University of Cincinnati)  
**Dissertation**: The Chemistry of Aryl Nitrenium Ions  
**Field of Specialization**: Chemistry

Benjamin Center, Columbus  
B.S.Soc. Admin.; O.D. (Northern Illinois College of Optometry); M.A.  
**Dissertation**: A Search for Some of the Violent Elements That Comprise the Beginning Reading Process  
**Field of Specialization**: Education

Sujit Kumar Chatterji, Allahabad, India  
B.Pharm., M.Pharm. (Banaras Hindu University)  
**Dissertation**: The Isolation and Characterization of Feeding Stimulants for Elm Bark Beetles (Scolytus multistriatus Marsham) from American Elm (Ulmus americana L.)  
**Field of Specialization**: Pharmacy

Sarah E. Chazan, Columbus  
B.A. (University of Pennsylvania); M.S. (Teachers College, Columbia University)  
**Dissertation**: Horizontal Decalage in the Concept of Object Permanence as a Correlate of Dimensions of Maternal Care  
**Field of Specialization**: Psychology

Jose Anthony Cignetti, Apollo, Pa.  
B.S. in Edu. (Slippery Rock College); M. in Edu. (Duquesne University)  
**Dissertation**: A Comparative Study of the Perceptions of Beginning Secondary Science Teachers in Relationship to Their Science Classroom Activities, Cultural Attitudes and Knowledge of Culturally Deprived Students  
**Field of Specialization**: Education

Francis Rodrigue Coelho, Richland, Wash.  
**Dissertation**: Contemporary Sources of Content for Curriculum Development: A Conceptual Framework  
**Field of Specialization**: Education

Peter Nicholas Coredimas, Plattsburg, N. Y.  
A.B. (Saint Michaels College); M.A. (John Carroll University)  
**Dissertation**: Guilt and Redemption in the Novels of William Styron  
**Field of Specialization**: English

Jerry Mallory Davis, Cincinnati  
B.S. (North Carolina State University at Raleigh); M.S. (University of Michigan)  
**Dissertation**: Meridional Transport of Sensible Heat in the Atmosphere and Its Relation to Traveling Wave Systems  
**Field of Specialization**: Geography

Roger Frank Deibel, Westerville  
B.S. in Edu. (Muskingum College); M.A. (Western Reserve University)  
**Dissertation**: An Investigation of Factors in Creating and Utilizing Open Space Elementary Schools  
**Field of Specialization**: Education

Matthew Sylvester Delaney, Los Angeles, Calif.  
A.B. (Immaculate Heart College); M.S. (University of Notre Dame)  
**Dissertation**: Discrete Euclidean Universes and Associated Automorphisms  
**Field of Specialization**: Mathematics

Charles Ellis Dickson, Pittsburgh, Pa.  
B.S. (Indiana State College); M.A. (University of Pittsburgh)  
**Dissertation**: Politics in a New Nation: The Early Career of James Monroe  
**Field of Specialization**: History

William Clare Dienstheide, Columbus  
B.S. (Valparaiso University); M.S. (University of Dayton)  
**Dissertation**: Response of a Pure Culture of Anacystis nidulans and Unialgal Culture of Microcystis aeruginosa to Aldrin and Dieldrin: A Study in Physiology and Cytology  
**Field of Specialization**: Microbiology

Thomas Mervyn Ditto, Columbus  
B.S. (Marquette University); M.A. (Miami University)  
**Field of Specialization**: Speech Communication

Neil Lester Drobny, Columbus  
A.B. (Dartmouth College); B.S. Civ. Eng., M.A.Eng. (Thayer School of Engineering)  
**Dissertation**: Design of Water Quality Monitoring Systems in Latin America  
**Field of Specialization**: Civil Engineering

Philip Gary Eller, Proctor, W. Va.  
B.S. (Chem.) (West Virginia University)  
**Dissertation**: The Syntheses and Coordination Properties of Some 1,2,3,4-tetrafluorophenylphosphine Ligands and the Crystal Structures of a Trigonal Planar Copper Complex and a Tetrahedral Nickel Nitrosyl Complex  
**Field of Specialization**: Chemistry

Geraldine Byrne Ellerbrock, Shawnee  
B.S.Ed., M.A.  
**Dissertation**: A Study of the Interactive Effect between Personality and a Participatory Environment upon Performance  
**Field of Specialization**: Business Administration

Gerald Francis Elsbread, Akaikai, Hawaii  
B.S. (Engr. Sci.) (United States Air Force Academy); M.S.  
**Dissertation**: The Vibrations and Stability of Noncircular Cylindrical Shells  
**Field of Specialization**: Engineering Mechanics

Kenneth Nelson Edinger, Terre Haute, Ind.  
B.S. (Indiana State Teachers College); M.A.  
**Dissertation**: Sex Role, Mobility Orientation, and the Control of Romantic Love  
**Field of Specialization**: Sociology
Robert Leon Pitts, Sweetwater, Tex.
B.A. (Baylor University); M.A. (University of Georgia)
Dissertation: The Attacks upon the Associates of Percies
Field of Specialization: Classics

Roger Maurice Folk, Junction City
B.S.Ed., M.S.
Dissertation: Interaction of Phytohemagglutinin with Mouse Lymphoma Cells
Field of Specialization: Anatomy

Frank Edwin Fortkamp, Columbus
A.B. (Pontifical College Josephinum); M.A.
Dissertation: The Educational Implications of Racism in Ohio's Prisons
Field of Specialization: Education

Ronald Stanley Geizer, Bronx, N. Y.
B.A. (City College of New York)
Dissertation: Interaction Context and the Perception of Nonverbal Dyadic Communication Systems
Field of Specialization: Speech Communication

Edward Francis Glad, Hubbard
B.S. (Youngstown University); M.S.
Dissertation: Bifunctional Catalysis of α-Hydrogen Exchange of Isotopically-Labelled-α by Polyethyleneamines
Field of Specialization: Chemistry

Thomas John Glover, Sidney
B.S., M.S.
Dissertation: An Experimental Examination of the Optimum Fitness Model Using Body Weight and Some Fitness Traits in Drosophila melanogaster
Field of Specialization: Genetics

Felicitas Daniels Goodman, Columbus
M.A.
Dissertation: Disturbances in the Apostolic Church: Case Study of a Trance-Based Upheaval in Yucatan
Field of Specialization: Anthropology

Ronald Greene, Cleveland Heights
B.S.Ed., M.A.
Dissertation: Self-Disclosure, Dogmatism, and Sensory Acuity as They Relate to Humanistic Concepts of Mental Health
Field of Specialization: Psychology

James Victor Griesen, Canton
B.S.Bus.Adm., M.B.A.
Dissertation: Independent Study Versus Group Instruction in Medical Education: A Study of Non-Cognitive Factors Relating to Curricular Preferences and Academic Achievement
Field of Specialization: Education

Stanley John Gromowski, Jr., Haydenville, Mass.
B.S. (University of Massachusetts)
Dissertation: Part I. Attempted Separations on a Synthetic Polymer Chromatography Column. Part II. Base-Induced Decomposition of 3-Nitroso-2-oxazolidines
Field of Specialization: Chemistry

Florence Bernadette Grunkemeyer, Muncie, Ind.
B.S. in Bus., M.S. in Ed. (Indiana University)
Dissertation: Implications of Internship Programs for the Preparation of Secondary Business Education Teachers
Field of Specialization: Education

Richard Paul Haight, Columbus
B.A., M.A.
Field of Specialization: English

Cynthia Mickel Handler, Mt. Zion, Ill.
B.A. (Millikin University); M.S.
Dissertation: Temperature Aclimation and Oxygen Consumption in Drosophila pseudoobscura (Rad.) Larvae
Field of Specialization: Zoology

Pauline Marie Harvey, Princeton, W. Va.
B.S.Ed. (Concord College); M.A. (Marshall University)
Dissertation: A Comparison of Educable Mentally Retarded Students in Two Types of Secondary School Placement
Field of Specialization: Education

Barry C. Heermann, Dayton
B.S. (Bowling Green State University); M.B.A. (University of Dayton)
Dissertation: Achieving Student Awareness of Community College Business Administration Programs in the Introduction to Business Course
Field of Specialization: Education

Charles Henry Heilberg, Columbus
B.S. in Math. (Massachusetts Institute of Technology); M.S.
Dissertation: Norms of Powers of Absolutely Convergent Fourier Series of Two Variables
Field of Specialization: Mathematics

Ronald Royce Henderson, St. Clairsville
B.S. (United States Military Academy); M.S.
Dissertation: A Nuclear Reactor Performance and Fuel Management Simulator for Power System Planning Activities
Field of Specialization: Nuclear Engineering

Charles Edward Holdsworth, Jr., Newcomerstown
B.S., M.S.
Dissertation: Biochemical Studies of Osteosclerosis Enzyme Aberrations
Field of Specialization: Physiological Chemistry

William Park Hotchkiss, Jr., Syracuse, N. Y.
A.B., M.S. (Syracuse University)
Dissertation: The Life and Professional Contributions of Michael Peppe to Physical Education and Aquatics
Field of Specialization: Physical Education

J. David Moore Hyatt, Athens
B.F.A., M.F.A. (Ohio University)
Dissertation: The Effects of Anxiety toward Art and Specific Curricular Strategies upon Aesthetic Perception
Field of Specialization: Art Education

Raymond Jang, Vancouver, B. C., Canada
B.Sc. Phar. (University of British Columbia)
Dissertation: Evaluation of the Quality of Drug-Related Services Provided by Community Pharmacists in a Metropolitan Area
Field of Specialization: Pharmacy

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Gene Master Kierman, Columbus
B.S. in Educ., M.A. (University of Dayton)
Dissertation: Charles Dickens and His American Audience—1842: A Study in Ethos
Field of Specialization: Speech Communication

Roderick Kielz, Carmichael, Calif.
B.S. (Principia College)
Dissertation: Reactions of Vanadium Tetrachloride with Some Amines and Aminoboranes
Field of Specialization: Chemistry

Anthony William Klueppel, Glen Ellyn, Ill.
B.S. (Saint Procepsius College)
Dissertation: The Estimation of Zero Point Vibrational Energy Using Empirical Parameters Based upon Molecular Structure; A Calorimetric Study of the Hydrolysis of Selected Ortho Esters
Field of Specialization: Chemistry

Howard Charles Knabel, Jr., Cleveland Heights
B.S. (University of Dayton); M.S.
Dissertation: Studies on Phosphorus (V) Chloride in Ionizing Solvents and in the Solid State
Field of Specialization: Chemistry

Ronald James Knapp, Clemson, S. C.
A.B. (Albion College); M.A. (Bowling Green State University)
Dissertation: A Factor Analytic Study of Alienation Anomia, and Authoritarianism and Their Relationship to the Tendency to Discriminate in a Southern College Population
Field of Specialization: Sociology

Fred Eric Kohler, Cleveland
B.A., M.A.
Dissertation: A Linear Programming Approach to Water Supply Alternatives
Field of Specialization: Geography

Gary Alan Kordosky, Columbus
B.S. (Saint John's University); M.S.
Dissertation: Cobalt (III) and Palladium (II) Complexes of Polydentate Ligands Containing Group V-A Donor Atoms
Field of Specialization: Chemistry

Miriam Gershan Knwitz, San Bernardino, Calif.
A.B. (MacMurray College for Women); M.A.
Dissertation: The "Lake Poets": Their Humor
Field of Specialization: English

Sara Finn Kriger, Sacramento, Calif.
B.A., M.A. (Sacramento State College)
Dissertation: Need Achievement and Perceived Parental Child-Rearing Attitudes of Career Women and Homemakers
Field of Specialization: Psychology

Robert Joseph Kurtyvad, Oxford
B.S. (Wayne State University); M.S. (Miami University)
Dissertation: Behavior of Some Minor Elements in Coexisting Plagioclase, Orthoclase, and Biotite from Three Intrusive Bodies Located in the Central Wasatch Range
Field of Specialization: Mineralogy

Richard Anthony Lancioni, Columbus
B.A. (LaSalle College); M.B.A. (Ohio University)
Dissertation: An Empirical Examination of Attitude and Behavioral Changes in the Fashion Adoption Process
Field of Specialization: Business Administration

Bertrand Clovis Landry, Columbus
B.S., M.S.
Dissertation: A Theory of Indexing: Indexing Theory as a Model for Information Storage and Retrieval
Field of Specialization: Computer and Information Science

Gail William Lawrence, Livonia, Mich.
B.A. (Kalamazoo College)
Dissertation: The Chemistry of the 14H-Dibenzo(u, j) Xanthyl, 14H-Dibenzo(u, j) Thioxanthyl, and 14H-Dibenzo(u, j) Thioxanthyl-7, 7-dioxide Systems
Field of Specialization: Chemistry

Donald Richard Leavers, Charleston, Ill.
B.Sc. (University of Notre Dame); M.S.
Dissertation: Cyclotriborazane; Enthalpy of Sublimation, Dipole Moment, Dipole-Dipole Interaction Energy, Infrared and Raman Spectra, and Probable Frequency Assignment
Field of Specialization: Chemistry

Alan Laird Lewis, Durham, Conn.
B.S.Opt. (Massachusetts College of Optometry); M.S.
Dissertation: A Psychophysical Investigation of Rod-Cone Interaction in the Human Visual System
Field of Specialization: Physiological Optics

William Joseph Liebal, Girard
B.S. in Educ. (Youngstown University); M. in Educ. (Kent State University)
Dissertation: The Effect of Local or State Control on Selected Responsibilities of Business Department Chairmen in Public Junior Colleges in the United States
Field of Specialization: Education

David Warren Livingston, Frankfort, Ky.
B.S. (Western Kentucky State Teachers College); M.A. in Educ. (University of Kentucky)
Dissertation: Symphony No. 1
Field of Specialization: Music

Terry James Logan, San Luis Obispo, Calif.
B.S. (California State Polytechnic College); M.S.
Dissertation: The Effects of Phosphorus Application Rate, Soil Properties and Mode of Leaching on the Mass Movement and Diffusion of Applied Phosphate in Soil Columns
Field of Specialization: Agronomy

Terry Lester Long, Oxford
B.A., M.A. (University of Houston)
Dissertation: The Radical Criticism of Granville Hicks in the 1930's
Field of Specialization: English

B.S.E.E. (Worcester Polytechnic Institute); M.S.
Dissertation: On Simple Groups All of Whose 3-Local Subgroups are Solvable
Field of Specialization: Mathematics

* Degree granted in cooperation with Miami University
Jerrold William Maben, Akron
A.B., B.S. in Ed., M.Ed. (Wayne State University)

**Dissertation**: A Survey of Science Teaching in the Public Elementary Schools of Two Selected Regions of the United States during the 1970-1971 School Year

**Field of Specialization**: Education

Denise Marie Magigan, Chicago, Ill.
B.S. (Loyola University)

**Dissertation**: The Photochemistry of 7-Carbomethoxy-3,4-Benzo tropilidene, 5-Carbomethoxy-1,2-Benzotropilidene, and 6-Carbomethoxy-2,3-Benzonorcaradiene

**Field of Specialization**: Chemistry

Robert Zenn Maigetter, Youngstown
B.S., M.S.

**Dissertation**: The Study of Microbial and Particulate Interactions Using Batch and Continuous Culture Techniques

**Field of Specialization**: Microbiology

John Michael Mansfield, Galion
B.A., M.A. (Miami University)

**Dissertation**: Autoimmunity and Other Immune Mechanisms in Rabbits with Experimental Trypanosoma congolense Infections

**Field of Specialization**: Microbiology

Jayne Carney Martin, Floral Park, N. Y.
B.S. (Saint Bonaventure University); M.S.

**Dissertation**: Suspended Particles from Lake Erie: Amino Acid Composition and the Effect of Detergents on Their Interactions with Bacteria

**Field of Specialization**: Microbiology

Lawrence Leo Martin, Baltimore, Md.
B.S. in Phar. (University of Maryland)

**Dissertation**: Biosynthesis of the Antibiotic Spectinomycin

**Field of Specialization**: Pharmacy

Robert Allan Martin, Willoughby
B.S. Ed., B.Mus., M.A.

**Dissertation**: Individual Reward Preferences and Effort on School Tasks

**Field of Specialization**: Psychology

Madan Lal Mathur, Jodhpur, India
B.V.Sc. and A.H. (Punjab University); M.V.Sc. (University of Madras)

**Dissertation**: An Ultrastructural Study of the Functional Cytology of the Normal Parathyroid Glands in Nonlaying and Laying Hens, Gallus domesticus

**Field of Specialization**: Veterinary Anatomy

Larry Mclaime Maupin, Kingston, Tenn.
B.A. (University of Tennessee)

**Dissertation**: George Granville's Importance to Four Literary Traditions of the Restoration and Eighteenth Century

**Field of Specialization**: English

Roger Cletus May, East Palestine
B.S.E. in Met. Engr. (University of Michigan)

**Dissertation**: The Electrochemistry of Titanium in Acid Solutions and Its Relation to Stress Corrosion Cracking

**Field of Specialization**: Metallurgical Engineering

*Garth Albert McCann, Oxford
B.A. (University of Hawaii); M.A. (Miami University)

**Dissertation**: The Persona: Its Development in English Criticism

**Field of Specialization**: English

David Meltzer, Poughkeepsie, N. Y.
B.E.E. (Rensselaer Polytechnic Institute); M.S.

**Dissertation**: Speech Synthesis by Haar Functions with Comparison to a Terminal Analog Device

**Field of Specialization**: Electrical Engineering

Benton Edward Miles, Blacksburg, Va.
B.S., M.S. (Virginia Polytechnic Institute)

**Dissertation**: The Measurement of the Perceptions of Distributive Education as a Training Program Held by Distributive Education Students and Training Sponsors

**Field of Specialization**: Education

Robert Eugene Mitchell, Omaha, Neb.
B.A. (Creighton University); M.A.

**Dissertation**: Personality Correlates of Frequent Marijuana and Alcohol Use in a College Male Population

**Field of Specialization**: Psychology

Lee Carl Moody, Clinton, N. Y.
B.A. (University of Massachusetts); A.M. (Harvard University)

**Dissertation**: Aleksandr Solzhenitsyn's Prose: A Study of Phraseology and Characterization

**Field of Specialization**: Slavic Languages and Literatures

Richard James Moriarty, Windsor, Ont., Canada
B.A. (Assumption University of Windsor); M.A. (University of Windsor); M.Ed. (Wayne State University)

**Dissertation**: The Organizational History of the Canadian Intercollegiate Athletic Union Central (CIAUC) 1955-1965

**Field of Specialization**: Physical Education

Kenneth Jove Myers, Akron
B.S. in E.E.; B.S. (University of Akron); M.S.

**Dissertation**: Luminance Additivity for Chromatic Grating Stimulation

**Field of Specialization**: Biophysics

Kenneth Wayne Naducy, Oaklawn, Ill.
B.A. (Wartburg College)

**Dissertation**: Equilibrium Constants for the Reaction of Ethylenediamines with Acetone and Isobutyraldehyde.

**Field of Specialization**: Chemistry

William Charles Nelson, Hawley, Minn.
B.S. (North Dakota State University); M.A. (University of Arizona)

**Dissertation**: An Economic Analysis of Fertilizer Utilization in Brazil

**Field of Specialization**: Agricultural Economics and Rural Sociology

Harold Meredith Nestor, Columbus
B.S.Ed., M.A.

**Dissertation**: Development of Operational Criteria for a State Governing Agency for Two-Year, Post-Secondary, Career-Oriented Technician Education in Ohio

**Field of Specialization**: Education

* Degree granted in cooperation with Miami University
Emem Utot Nwa, Onlenq-Eket, Nigeria
B.S. (California State Polytechnic College); M.S. (Michigan State University)
Dissertation: A Fundamental Mathematical Simulation of Watersheds
Field of Specialization: Agricultural Engineering

William Richard O'Brien, Xenia
B.A. (Stevens Institute of Technology); M.B.A.
Dissertation: A Cost-Effectiveness Approach to Analysis of the Process of Allocating Scarce Manpower Resources to Perform General Systems Engineering and Technical Direction
Field of Specialization: Business Administration

John Willis O'Hara, Berea
B.S. (Defiance College); M.A.
Dissertation: Dimensional Interaction and Its Effect on Salience in Concept Identification
Field of Specialization: Psychology

Ronald Ray Partridge, Athens
B.S.Ed., M.Ed. (Ohio University)
Dissertation: A Study of the University Council for Educational Administration with Regard to Its Origin, Development, and Perceived Influence on Member Institutions
Field of Specialization: Education

B.S. (Western Michigan University); M.S.W. (University of Michigan)
Dissertation: A Survey of the Literature Pertaining to the Academic Achievement of Black Students: A Case for Open Admissions
Field of Specialization: Education

Terry James Puckett, Germantown, Tenn.
B.S. (Williams College); M.S. (Mississippi Southern College)
Dissertation: Implementing and Assessing Instruction via Instructional Systems and Behavioral Objectives
Field of Specialization: Education

Robert Charles Radcliffe, Painesville
B.B.A. (Ohio University); M.B.A.
Dissertation: Determinants of the Marketability of Large Blocks of Common Stocks
Field of Specialization: Business Administration

Trikur Anantharaman Ramanarayanan, Kerala, India
B.E. (Indian Institute of Science); B.Sc. (University of Kerala); M.S.
Dissertation: Electrochemical Determination of the Diffusivity and Solubility of Oxygen in Liquid Tin and Solid Silver
Field of Specialization: Metallurgical Engineering

John David Rawn, Columbus
B.S. (Capital University); M.S.
Dissertation: Problems in Kinetics and Conformational Analysis
Field of Specialization: Chemistry

Allan Russell Raymond, Plymouth
A.B. (Bowdoin College); M.A.
Dissertation: The Political Career of Cadwallader Colden
Field of Specialization: History

Michael Joseph Reddy, Stockport, England
B.A. (University of Manchester); Lic. Philosophy, Lic. Theology (Heythrop College, Oxford University); M.A.
Dissertation: Interaction Testing in the Measurement of Marital Disturbance
Field of Specialization: Psychology

George William Reeser, Cullowhee, N. C.
B.S.Ed., M.A.Ed. (Ball State University)
Dissertation: The Relative Effectiveness of Selected Instructional Media for Stimulating Student Awareness of and Interest in the Construction Industry
Field of Specialization: Education

Don Scott Rhines, Cincinnati
B.Eng.Phys. (Cornell University)
Dissertation: Observation of Rho-Omega Interference in p+p Annihilation at 2.82 GeV/c
Field of Specialization: Physics

Emory Hunt Richards, Johnson City, Tenn.
B.A. (Denison University); M.B.A. (Harvard University)
Dissertation: An Investigation of the Relationship of Participation in Off-Job Activities to the Promotability of Middle Managers in Medium-Size Manufacturing Firms
Field of Specialization: Business Administration

Frank Stephen Riddle, Shoals, W. Va.
B.A., M.A. (Marshall College)
Dissertation: Related Aspects of the Social and Economic Problems, Cultural Tradition, and Educational System of Rural Appalachia: An Analysis Based on the Concept of Scale
Field of Specialization: Education

William Kenney Roach, Columbus
B.S. (Saint Louis University)
Dissertation: A Revision of the Genus Hilara in Eastern North America (Diptera; Empididae)
Field of Specialization: Entomology

Higdon C. Roberts, Jr., Bloomington, Ind.
A.B., M.Ed. (University of Cincinnati); M.A. (Miami University)
Dissertation: Private Benefits and the Cohesion of Voluntary Associations: A Field Test of the Theory of Collective Action
Field of Specialization: Political Science

Eugene Wallace Rork, Springfield
B.S., M.S.
Dissertation: Mössbauer-Effect Studies of Gadolinium and Disprosium Nuclei
Field of Specialization: Physics

John Patrick Ryan, Jr., Yonkers, N. Y.
B.A. (Fordham University); M.A.
Dissertation: Philip Melanchthon and the Diplomacy of Humanism; 1531-1541
Field of Specialization: History

Robert Reese Safford, Jr., Columbus
B.E., M.S.
Dissertation: Visual Spare Capacity in Automobile Driving and Its Sensitivity to Carboxyhemoglobin
Field of Specialization: Industrial Engineering

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Gerald Lang-Salamon, Chicago, Ill.
B.S. (University of Illinois)
Dissertation: A Comparison of the Accounting and Internal Rates of Return of Firms with Non-Negative Growth Rates and Infinite Lives
Field of Specialization: Accounting

Margaret Elizabeth Sayers, Edison
B.A. (Capital University); M.A.
Dissertation: The Destruction of Myth in Cien Años de Soledad
Field of Specialization: Romance Languages

Donald Bruce Schowe, Lincoln, Neb.
A.B., M.A. (University of Nebraska)
Field of Specialization: History

Roger Clark Schobin, West Hempstead, N. Y.
B.A. (Long Island University); M.A. (University of Wisconsin)
Dissertation: The Turke & Gowin, the Marriage of Sir Gawaine, and the Grail Knight: Three Editions with Introductions
Field of Specialization: English

John Paul Schoessler, Kent
B.S. in Opt. (O.D.), M.S.
Dissertation: Disparity Induced Vergence Responses in Normal and Strabismic Subjects
Field of Specialization: Physiological Optics

Eldon Carl Schriner, Attica
B.S. Agr., M.S.
Dissertation: The Family Social Network and Parental Encouragement for Higher Education
Field of Specialization: Sociology

Nicholas Andrew Sharp, Overland Park, Kan.
B.A. (University of Kansas); M.A.
Dissertation: Shakespeare's Baroque Comedy: The Winter's Tale
Field of Specialization: English

Thomas Dean Shockney, Ashland
B.S. in Edu., M.A. in Edu. (Ball State University)
Dissertation: Interpersonal Perceptions within the Student Teaching Triad
Field of Specialization: Education

Jerry Lee Silver, Cincinnati
B.S. Phys.
Dissertation: A Continuous Nonlinear Programming Problem
Field of Specialization: Industrial Engineering

Virender Kumar Singh, Utter Pradesh, India
B.Sc., M.Sc. (Agra University); M.S.
Dissertation: The IgG Immunoglobulins of Bovine Colostrum and Milk: Selected Biochemical and Antimicrobial Properties
Field of Specialization: Dairy Technology

Douglas Duane Smith, Peosta, Ill.
B.S. (Wisconsin State University); M.S. (Rensselaer Polytechnic Institute)
Dissertation: A Study of Learner Characteristics and Computer Assisted Instruction Decision Making
Field of Specialization: Education

Richard Emmanuel Smith, New Amsterdam, Guyana
B.A. (Inter American University of Puerto Rico); B.D. (Alverno, Lutheran University); M.A.
Dissertation: A Study of the Correspondences between the Roman de Renart, Jamaican Anansi Stories, and West African Animal Tales Collected in Culture Area V
Field of Specialization: English

Le Minh Son, Saigon, Vietnam
B.A. (Fordham University)
Dissertation: Teaching: A Logical Analysis and an Epistemological Investigation
Field of Specialization: Education

Charles Robert Sperati, Wilmington, Del.
B.A. (Luther College)
Field of Specialization: Chemistry

Larry Allen Standridge, Columbus
B.A. (Baylor University); M.R.E. (Southwestern Baptist Theological Seminary)
Dissertation: An Analysis of Teaching in the Extension Centers of the Southern Baptist Seminaries
Field of Specialization: Education

Richard Alan Stimson, Dayton
Mech. Engr. (University of Cincinnati); M.B.A.
Dissertation: Professional Engineer Attitudes toward Collective Action, Collective Bargaining and Unionism
Field of Specialization: Business Administration

Dennis Paul Stombaugh, Bryan
B.Agr. Ed., M.S.
Dissertation: Temperature Regulation in Piglets with Hypothalamic Implants
Field of Specialization: Agricultural Engineering

Sophia Ruei Su, Taipei, Taiwan
B.Sc. (Taiwan Normal University); M.S.
Dissertation: Study of Reactions of Transition Metal Alkyl, Alkenyl, and Alkynyl Complexes with Tetraycnoethene
Field of Specialization: Chemistry

Sudjoko, Bandung, Indonesia
Sardjana (University of Indonesia); M.A. (University of Chicago)
Dissertation: Art Education for Economic Development
Field of Specialization: Art Education

B.S.H.E. (West Virginia University); M.S. (Michigan State University)
Dissertation: Effects of Type and Level of Dietary Fat on Excretion of Fecal Steroids in Normal Young Women
Field of Specialization: Home Economics
Joyce Reed Sullivan, Stow
B.S.Ed., M.A. (Kent State University)
Dissertation: Characteristics Pertaining to the Selection of Dating and Marital Partners as Perceived by College Students and Their Parents
Field of Specialization: Home Economics

B.A. (Duquesne College); M.A.
Field of Specialization: Speech Communication

Stephen Eugene Taylor, Akron
B.A. (College of Wooster)
Dissertation: Free Will and Determinism: A Defense of Libertarianism
Field of Specialization: Philosophy

Joseph Richard Tebben, Moline, Ill.
B.A. (DePaul University); M.A. (Ohio University)
Field of Specialization: Psychology

Lawrence Alan Welchli, Fairborn
B.S., M.S. (Case Institute of Technology); M.S.
Dissertation: An Experimental Study of a Complete Expansion
Field of Specialization: Aeronautical and Astronautical Engineering

Fred Harold Wallbrown, Athens
B.S. Ed., M.Ed. (Ohio University)
Field of Specialization: Entomology

Daniel Eugene Wetzel, Cedarville
B.S. (Morehead State College); M.S. (University of Cincinnati)
Dissertation: Operation, Diagnostics and Spectrographic Analysis of a Disc Shaped Plasma Focus
Field of Specialization: Physics

William Pope White, Jr., Mobile, Ala.
B.S. (Auburn University)
Dissertation: Near Infrared Photodetector Photometry of M Type Supergiants
Field of Specialization: Astronomy

Lorin Victor Whitman, Cleveland Heights
B.S.Ed. (State Teachers College at California, Pennsylvania); M.Ed. (Pennsylvania State University)
Dissertation: Conceptualizing a Body of Knowledge of Solid Materials Processing with Implications for Curriculum Development
Field of Specialization: Education

Nathaniel Miller White, Cumberland, R. I.
A.B. (Earlham College); M.S.
Dissertation: Near Infrared Photodetector Photometry of M Type Supergiants
Field of Specialization: Astronomy

Paul Lawrence Wilkens, Severille
B.S. in Bus. Ad. (Bowling Green State University); M.B.A.
Dissertation: An Analysis of the Attitudinal and Behavioral Impact of a Human Resource Information System
Field of Specialization: Business Administration
Elizabeth Awad Williams, Brooklyn, N. Y.
B.S. (Bucknell University)
Dissertation: The Chemistry of cis- and trans-Bicyclo[3.1.0]alkan-2-ols
Field of Specialization: Chemistry

Harry Jennings Williams, Jr., Steubenville
B.S.Ed.; M.Ed. (Kent State University)
Dissertation: A Comparison of the Involvement of Elementary School Principals in Four States with Legislatively Defined Roles for Principals in Negotiations with the Involvement of Principals in Ohio where Involvement of Elementary School Principals Is Not Yet Legislated
Field of Specialization: Education

Richard Darby Williams, Jr., Mansfield
B.A., M.A.
Dissertation: Poesia Ludens: Explorations in the Theory of Art as Play
Field of Specialization: English

Lei Yen, Taipei, Taiwan
B.S. (National Taiwan University)
Dissertation: Infrared Studies of Metal Proteins
Field of Specialization: Physiological Chemistry

Warren Melvin Young, Mansfield
B.S. (Case Institute of Technology); M.S.
Dissertation: A Photometric Study of Stars with Composite Spectra
Field of Specialization: Astronomy

Lois Joy Youngen, Seville
B.S. in Ed. (Kent State University); M.A. (Michigan State University)
Dissertation: Attitudes toward Physical Activity as a Function of the Approval Motive in First-Year College Women
Field of Specialization: Physical Education

Phillip Raymond Zurbrick, La Grande, Ore.
B.S. (Oregon State University); M.Ag.Ed. (University of Arizona)
Dissertation: Effectiveness of a Teacher Reference Utilizing an Inductive Mode and Principles Approach with High School Vocational Agriculture Students
Field of Specialization: Agricultural Education
Master of Architecture
One candidate
Richard Allen Badham, Puyallup, Wash.
B.A. (Washington State University)
Field of Specialization: Architecture

Master of Arts
One hundred and seventy-five candidates:

Cafino, Australia
Joanna River
Field of Specialization: International Relations

England
James Bruce Rattles, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

John B.A., M.A.
Dennis
B.A.
A.B. (Ohio University)
Field of Specialization: English

Janet Burt
B.S.Ed. University
B.A.
Field of Specialization: Education

Kim Douglas Ashley, Geneva
B.A. (Miami University)
Field of Specialization: English

Janet Burt Baker, Cleveland
B.A. (Hiram College)
Field of Specialization: English

George Dana Barber, Columbus
B.S.Ed.
Field of Specialization: Education

John Arthur Barr, Westerville
R.A. (Muskingum College)
Field of Specialization: Physical Education

James Bruce Battles, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education

Robert James Bauer, West Enonwood, N. J.
B.A. (Don Bosco College)
Field of Specialization: English

Dennis Edward Bayley, Casino, Australia
B.A., Dip.Ed. (University of New England)
Field of Specialization: Economics

Joanna River Bethel, Chillicothe
A.B. (Ohio University)
Field of Specialization: Public Administration

Richard Steward Blackenberry, Columbus
B.S.Bus.Adm. (Franklin University)
Field of Specialization: Public Administration

Gene Edward Bowman, Lexington
B.S.Ed.
Field of Specialization: Education

Robert Juday Broekhaus, Garland, Tex.
B.A. (University of Texas)
Field of Specialization: German

B.A. (West Virginia State College)
Field of Specialization: Psychology

Linda Jean Brown, Columbus
B.S.
Field of Specialization: Psychology

Grace Weisheimer Brumfield, Worthington
B.S.Ed.
Field of Specialization: Education

Douglas Anthony Burdette, Gahanna
B.S. (Butler University)
Field of Specialization: Education

Frederick T. Burkey, Ashland
B.A. (Ashland College) ; R.D.
(Ashland Theological Seminary) ; M.R.E. (Southern Baptist Theological Seminary)
Field of Specialization: Education

Silvana Mary Camboni, Columbus
B.A.Jour.
Field of Specialization: Journalism

Julianne McManemin Campbell, Greenville
A.B. (Western Kentucky University)
Field of Specialization: Speech Communication

Paul Gerald Carlson, Greenwood, Ind.
B.A. (Cedarville College)
Field of Specialization: Education

Juliana Kropp Centner, Columbus
B.S.Ed.
Field of Specialization: Education

Wallace Chandler, Columbus
B.S.Ed.
Field of Specialization: Education

Diane McWilliams Chenoweth, Fort Collins, Colo.
B.A. (Clarke College)
Field of Specialization: Psychology

Robert William Cochrane, Enu Claire, Wis.
A.B. (Stanford University)
Field of Specialization: History

James Michael Cooper, Newburgh, N. Y.
B.A. (State University College of New York at Buffalo)
Field of Specialization: Romance Languages

Joyce Ann Cordell, Springfield
B.A. (Oakwood College)
Field of Specialization: Speech Communication

Vivian Eileen Crisp, Columbus
B.S. in Edu. (Capital University)
Field of Specialization: Education

Robert Settimo Cupello, Rochester, N. Y.
B.A. (Saint John Fisher College)
Field of Specialization: Romance Languages

Grover Craig Curry, Columbus
B.S.Ed.
Field of Specialization: Education

James Ralph Cybulski, Parma
A.B. (Borrowes Seminary of Ohio)
Field of Specialization: Classics

Mary Ann Daniels, Oshkosh, Wis.
B.S. (Wisconsin State University)
Field of Specialization: Physical Education

Joseph Melvin Davis, University Heights
B.S.Bus.Adm.
Field of Specialization: Education

Robert Hamilton Davis, Columbus
B.A.
Field of Specialization: Speech Communication

Edward Eugene Debice, Poughkeepsie, N. Y.
B.S.Ed.
Field of Specialization: Theatre

Irmé de Leon, San Antonio, Tex.
B.A. (Incarnate Word College)
Field of Specialization: English

Gregory Raymond Diffendal, Westerville
B.S.Ed. (Youngstown University)
Field of Specialization: Education

Edward Albert Di Toro, Flushing, N. Y.
A.B. (Saint Joseph College)
Field of Specialization: History

David Arthur Dittman, Cincinnati
B.A. (University of Notre Dame)
Field of Specialization: Accounting
Richard Francis Dodd,
New Lexington
A.B. (College of Saint Charles
Borrow)  
Field of Specialization: Education

Alice Gore Dolin, Columbus
B.A. (Marshall University)
Field of Specialization: English

Sharn Rae Dorey, Columbus
B.S. in Ed. (Bowling Green State
University)  
Field of Specialization: Education

Patrick Letterie Eddell,
Louisville, Ky.
B.S. (United States Air Force
Academy)  
Field of Specialization: Economics

Howard Ronald Epstein,
B.S. (Pennsylvania State University)
Field of Specialization: Psychology

Lynn Patricia Fisher, Glendale, Calif.
A.B. (Occidental College)
Field of Specialization: Sociology

John Steven Fitzpatrick,
Anaconda, Mont.
B.A. (University of Montana)
Field of Specialization: Sociology

Robert Charles Fizer, Ithaca, N. Y.
B.A. (Ithaca College)
Field of Specialization: Education

Carolyn Ferrell Flenner, Columbus
B.S.Ed.
Field of Specialization: Speech
Communication

Albert William Flores, Eastlake
A.B. (Cleveland State University)
Field of Specialization: Philosophy

James Wilson Fry, Canton
B.A. (Milligan College)
Field of Specialization: History

Linda Martinson Gartman, Columbus
B.A.
Field of Specialization: Romance
Languages

Monica Baciu Gergen, Columbus
Examen de Stat (University of
Bucharest)  
Field of Specialization: Romance
Languages

Ellen Marie Gerlitz, Springfield
A.B. (Indiana University)
Field of Specialization: German

Jo Holt Goebel, Columbus
B.A.
Field of Specialization: Education

Joseph Aaron Goodrich, Columbus
B.S.Ed.
Field of Specialization: Education

Gordon Lee Groby, Lancaster
A.B. (Western Maryland College) ;
S.T.B. (Boston University)
Field of Specialization: Philosophy

John George Hartung,
Minneapolis, Minn.
B.A. (Saint Paul Seminary)
Field of Specialization: Psychology

Ruth Ann Hebbert, Scotland, S. D.
B.A. (South Dakota State
University)  
Field of Specialization: German

Jane Kathryn Hoffner, Columbus
B.A. (University of Washington)
Field of Specialization: Education

B.A. (Concordia Senior College) ; B.D.
(Concordia Seminary)
Field of Specialization: History

Sarah Ann Hill, Columbus
B.S. (Bethany College)
Field of Specialization: Psychology

Richard Alan Hobbs, Eastlake
B.A.
Field of Specialization: Economics

John Howard, Jr., Columbus
B.S.Ed. (University of Cincinnati)
Field of Specialization: Education

William Samuel Jacobs,
Brooklyn, N. Y.
A.B. (University of Rochester)
Field of Specialization: Philosophy

Brent Nile Jacobson,
Heber City, Utah
B.A. (Brigham Young University)
Field of Specialization: History

Ann Woodward James, Columbus
B.S. in Ed. (Bowling Green State
University)
Field of Specialization: Education

Paul Alex Jenkins, Columbus
B.A. (Anderson College)
Field of Specialization: Education

John Charles Johns, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

John Sherman Johnson, Groveport
B.S.Ed.
Field of Specialization: Education

Alene Smith Jones, Mansfield
B.S.Ed. (Wilberforce University)
Field of Specialization: Education

Richard Thomas Juraszek, Lorain
B.A. (Ohio University)
Field of Specialization: German

Eunice Justice, Columbus
B.A. (Morehead State College)
Field of Specialization: Education

William John Kilkenny, Columbus
B.S.Ed.
Field of Specialization: Education

Larry Lee Kleinheinz, Dayton
B.F.A., B.S.Ed.
Field of Specialization: Education

Susan Levin Kline, Columbus
B.A. (University of Texas)
Field of Specialization: Education

James Robert Kneip, Lancaster, Pa.
B.A. (Franklin and Marshall College)
Field of Specialization: History

Thomas John Krinsner,
Garfield Heights
B.A.
Field of Specialization: Economics

B.A. (Bryn Mawr College)
Field of Specialization: Public
Administration

David William Krapp, Columbus
B.F.A.
Field of Specialization: Art

Doris Austin Krasik, Columbus
B.A. (Marietta College)
Field of Specialization: Education

Loretta Cerrone Kreps, Columbus
B.S. in Ed. (University of Akron)
Field of Specialization: Education

Patricia Joan Avery Kros, Columbus
B.A. (Denison University)
Field of Specialization: Speech
Communication

Barbara A. Krysa, Parma
B.A. (Muskingum College)
Field of Specialization: Psychology

Samuel Neil Ladrach,
Washington Court House
B.S.
Field of Specialization: Psychology

David Dale Lee, Westchester, N. Y.
B.A. (Miami University)
Field of Specialization: History
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>School/College</th>
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<tbody>
<tr>
<td>Curtis Levi Lewis, Columbus</td>
<td></td>
<td>B.S.Bus.Adm. (Franklin University)</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Alicia Dawn Lloyd, Rome, N. Y.</td>
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<td>B.A. (Shepherd College)</td>
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<td>Field of Specialization: Education</td>
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<td>Edwin Michael Loovis, Columbus</td>
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<td>Field of Specialization: Physical Education</td>
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<td>Nidia Tiru Lopes, Majora, Puerto Rico</td>
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<td>B.A. (University of Puerto Rico)</td>
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<td>Field of Specialization: English</td>
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<td>Helen Marie Lynam, Cleve</td>
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<td>B.A. (Wellesley College)</td>
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<td>Field of Specialization: Psychology</td>
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<td>Kurt Max Molkoff, Youngstown</td>
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<tr>
<td>Dorothy Feeney Matthews, Columbus</td>
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<td>Field of Specialization: Psychology</td>
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<td>Robert Christopher McCafferty,</td>
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<td>B.S. (College of Steubenville)</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Wayne Edward Mehli, Columbus</td>
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<td>Thomas Vincent Merluzzi,</td>
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<td>B.S. (Central State College)</td>
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<td>Field of Specialization: Psychology</td>
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<td>John Keith McHenry, Wheelersburg</td>
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<td>B.S. (Ohio University)</td>
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<td>Field of Specialization: Psychology</td>
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<tr>
<td>Wayne Edward Mehli, Columbus</td>
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<td>B.A.</td>
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<td>Field of Specialization: History</td>
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<td>Thomas Vincent Merluzzi,</td>
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<td>New Britain, Conn.</td>
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<td>B.A. (Central Connecticut State College)</td>
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<td>Field of Specialization: Psychology</td>
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<td>Jeffrey Edward Mirel, Beachwood</td>
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<td>Doris Hall Mitcham, Columbus</td>
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<td>Herman Stephen Moeller,</td>
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<td>Donald William Moffat, Columbus</td>
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<td>Field of Specialization: Speech Communication</td>
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<td>Robert Dana Moorehead, Columbus</td>
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<td>Robert Frederick Musson, Columbus</td>
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<td>Field of Specialization: Journalism</td>
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<td>Carol Ruth Nechemias, Cincinnati</td>
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<td>A.B. (Washington University)</td>
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<td>Field of Specialization: Political Science</td>
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<td>Ronald Martin Newberg, Beachwood</td>
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<td>Neal Peter Newman, New York, N. Y.</td>
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<td>Keenon Frank Oblak, Stow</td>
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<td>Mikio Otsu, Oku-Gun, Japan</td>
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<td>B.A., M.A. (International Christian University, Japan)</td>
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<td>Thomas John Olander, Milwaukee</td>
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<td>Robert Terrence Oblavsky, Toronto</td>
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<td>Harold Steven Orenstein, Levitown, N. Y.</td>
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<td>Margaret Schwartz Pasquale,</td>
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<td>John Joseph Plahovinsky, Oxford</td>
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<td>B.A. (Rider College); M.A. (Miami University)</td>
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<td>Susan Smart Porterfield, Columbus</td>
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<td>Mary Jeanne Quinlan, Carnegie, Pa.</td>
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<td>Sarah Edmonds Richards,</td>
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<td>Rodney Paul Riegel, Lima</td>
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<td>Marsha Shapiro Rose, Columbus</td>
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<td>Charles Donald Rogers, Columbus</td>
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<td>John Littlejohn Roue, Columbus</td>
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<td>Joseph Richard Ruoffino,</td>
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<td>Paula Ruth Sachs, Cleveland</td>
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<td>Ute Helene Shepherd St. Clair,</td>
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<td>Marcia Jo Sanders, Worthington</td>
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<td>Thomas Jerome Schaeper,</td>
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<td>Deborah Ann Schmidt, Kaukauna, Wis.</td>
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<td>James Owen Schwartz, Columbus</td>
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</table>
Celia Ann Scro, Fulton, N.Y.
B.A. (State University of New York at Oswego)
Field of Specialization: German

Eva Han, Shiran, Jerusalem, Israel
B.A. (Hebrew University of Jerusalem)
Field of Specialization: Psychology

Yvonette Sanglcr, Columbus
B.S.Ed.
Field of Specialization: Education

Jonathan Carl Siehl, Pittsburgh, Pa.
B.A. (Muskingum College), B.D. (Pittsburgh Theological Seminary)
Field of Specialization: Philosophy

Mary Jeanette Sirridge, Prairie Village, Kan.
B.A. (Saint Mary's College)
Field of Specialization: Philosophy

Elizabeth Anne Spangler, Columbus
B.S.Ed.
Field of Specialization: Education

Wesley Eugene Spreen, Sidney
B.A. (Ohio Wesleyan University)
Field of Specialization: Economics

Theodore M. Stanger, Worthington
A.B. (Princeton University)
Field of Specialization: Journalism

Janice Margaret Stewart, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Helen Campbell Stonberg, Delaware
B.A. (Kent State University)
Field of Specialization: Education

Marcia Fenn Story, Columbus
A.B. (Salve Regina College)
Field of Specialization: Romance Languages

Mary Sydor, Cleveland
B.A.
Field of Specialization: Romance Languages

Harold Allan Taggart, Wellewille
B.S.Ed. (Kent State University)
Field of Specialization: History

Juliet Kathleen Taylor, Worthington
B.S.Soc.Wel.
Field of Specialization: Psychology

Verta Ann Taylor, Jonesboro, Ark.
B.A. (Indiana State University)
Field of Specialization: Sociology

Janet Sue Telimten, Lorain
B.A. (Muskingum College)
Field of Specialization: Education

Patricia Ann Terpack, Struthers
B.A. (Miami University)
Field of Specialization: Education

William Carter Thomas, Jr., Lima
B.S.Ed.
Field of Specialization: Speech Communication

Theodore Clarence Wagenaar, Byron Center, Mich.
A.B. (Calvin College)
Field of Specialization: Sociology

Paul Willis Ward, Jr., Hilliard
B.S. in Educ. (Capital University)
Field of Specialization: Physical Education

M. Elaine Warren, Columbus
B.A. (Capital University)
Field of Specialization: Education

David John Hopetown Watson, Brisbane, Australia
B.Com. (University of Queensland)
Field of Specialization: Accounting

Jerry Joseph Waxman, Miami, Fla.
B.A. (Florida State University)
Field of Specialization: Sociology

Margaret Roberts Wehner, Columbus
B.S.Nurs.
Field of Specialization: Education

John Joseph Wellnitz, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Martha Dinick White, Columbus
B.S.Ed.
Field of Specialization: Education

Rodge Arthur Wilde, Bay Village
B.S.Ed.
Field of Specialization: Physical Education

Carolyn Jean Willey, Barborton
B.S. (Kent State University)
Field of Specialization: Education

Monlace Ward Williams, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Jane Louise Winer, Falls Church, Va.
B.A., M.I.S. (State University of New York at Albany)
Field of Specialization: Psychology

Carolyn Clare Woodsid, Sharon, Pa.
B.S. (University of Pittsburgh)
Field of Specialization: Psychology

Yine-Shen Magda'ne Yang, Taipei, Taiwan
B.A. (National Taiwan University)
Field of Specialization: Sociology

Martha Jean McVay Yerian, London
A.B. (Duke University)
Field of Specialization: Education

Shui-yun Yim, Cheung, Hong Kong
B.A. (Chinese University of Hong Kong)
Field of Specialization: History

Christine Bloom Young, Columbus
B.A. (Miami University)
Field of Specialization: Psychology

Peter Joseph Zyen, Westerville
B.S.Ed.
Field of Specialization: Education

Master of Business Administration

Forty-six candidates

Julius Dalton Alberson, San Antonio, Tex.
B.A. (Saint Mary's University of San Antonio, Texas)
Field of Specialization: Business Administration

Randall Glenn Applegate, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

James Patrick Bandy, Youngstown
B.S.Bus.Adm.
Field of Specialization: Business Administration

Mark James Bater, Columbus
B.B.A. (Cleveland State University)
Field of Specialization: Business Administration

Jon William Bennett, Rochester, N. Y.
B.S. (State University of New York at Albany)
Field of Specialization: Business Administration

David Dade Braungel, Tallahassee, Fla.
B.S. (Florida State University)
Field of Specialization: Business Administration
James Craig Brown, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Winthrop Lawrence Buck, Columbus
B.A. (Bethany College)
Field of Specialization: Business Administration

Robert Uriel Cheuvront, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Richard Paul Colvin, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Gary Alan Fate, Columbus
M.S.Bus.Adm.
Field of Specialization: Business Administration

James Emerson Smith, Lancaster
B.S.Bus.Adm.
Field of Specialization: Business Administration

William Anthony Earl, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Gary Alan Fate, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Mary Alice El-Ati, Rades, Tunisia
Lic. (University of Lausanne, Switzerland)
Field of Specialization: Business Administration

Marilyn Yueh-Chin Fu, Taipei, Taiwan
B.A. (Newton College)
Field of Specialization: Business Administration

Micheal D. Lavalle, Cleveland Heights
B.Bus.Adm. (University of Notre Dame)
Field of Specialization: Business Administration

John Robert Dukes, Findlay
B.S., B.S.Phys.
Field of Specialization: Business Administration

Gary Alan Fate, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

James Willard Helms, Grove City
B.B.A. (Franklin University)
Field of Specialization: Business Administration

John David Huber, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Robert John Jacques, Columbus
B.A. (Ohio Wesleyan University);
M.A. (George Washington University)
Field of Specialization: Business Administration

William Ross James, Columbus
B.E.E. (University of Dayton)
Field of Specialization: Business Administration

Allan Richard Kerze, Marietta
B.A. (Marietta College)
Field of Specialization: Business Administration

Raymond Neil Maddox, Columbus
B.S. (University of Illinois)
Field of Specialization: Business Administration

Michael D. Lavalle, Cleveland Heights
B.Bus.Adm. (University of Notre Dame)
Field of Specialization: Business Administration

Frank Edward Lux, Columbus
B.S.M.E.
Field of Specialization: Business Administration

Raymond Neil Maddox, Columbus
B.A.
Field of Specialization: Business Administration

Alan Richard Maloff,
New York, N. Y.
B.S.Ind.Mgt. (Georgia Institute of Technology)
Field of Specialization: Business Administration

Richard Leroy Mets, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

James Eugene Meyer, Springfield
B.A. (Wittenberg University)
Field of Specialization: Business Administration

Roger Gene Parrot, Wilmot
B.S.
Field of Specialization: Business Administration

Darilee Heston Piner, Columbus
B.A.
Field of Specialization: Business Administration

Gene Paul Reineke,
North Versailles, Pa.
B.S. (Syracuse University)
Field of Specialization: Business Administration

John Allister Russell, Dayton
B.S.Bus.Adm.
Field of Specialization: Business Administration

J. Willard Scherocman, Columbus
B.B.A., M.S.
Field of Specialization: Business Administration

Terry Alfred Scott, Westlake
B.S. (Business) (Miami University)
Field of Specialization: Business Administration

Russell Evret Simmonds, Cleves
B.S.Agr.
Field of Specialization: Business Administration

James Emerson Smith, Lancaster
M.E. (University of Cincinnati)
Field of Specialization: Business Administration

Frederick William Stimler,
Cuyahoga Falls
B.S. in B.A. (John Carroll University)
Field of Specialization: Business Administration

Albert Supczynski, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Pete Triantafillides, Cleveland
B.S.Bus.Adm.
Field of Specialization: Business Administration

David Charles Wetmore, Canton
B.Bus.Adm. (University of Notre Dame)
Field of Specialization: Business Administration
Gary Lee Wilhelm, Glenn Ellyn, Ill.
B.S. Bus. Adm.
Field of Specialization: Business Administration

Paul Harvey Zinszer, Columbus
B.S.C.E., M.C.P.
Field of Specialization: Business Administration

Master of City Planning
Five candidates

Venita Bhatia, New Delhi, India
B.Tech. (Indian Institute of Technology)
Field of Specialization: City and Regional Planning

Robert George Decker, Columbus
B.S. (Antioch College)
Field of Specialization: City and Regional Planning

Eugenie LaPlante Fellows, Galena
B.S.Soc.Wel.
Field of Specialization: City and Regional Planning

Duncan Bertrand Sutherland, Jr., Poland
B.S.
Field of Specialization: City and Regional Planning

Okon William Udo, Institute, W. Va.
B.A. (West Virginia State College)
Field of Specialization: City and Regional Planning

Master of Fine Arts
One candidate

Browynne Rieppel Hopton, Worthington
B.S.Ed.
Field of Specialization: Theatre

Master of Music
One candidate

Michael Norbert Moore, Columbus
B.Mus.
Field of Specialization: Music

Master of Public Administration
One candidate

David Coleman Pfeiles, Jr., Cleveland
B.A. (Loyola University); M.C.P.
Field of Specialization: Public Administration

Master of Science
One hundred and sixty-three candidates

Karen Miller Ahijevych, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Jon Bruce Bader, Westlake
Field of Specialization: Aeronautical and Astronautical Engineering

Judith McLaughlin Bates, Mount Prospect Ill.
B.A. (Berea College)
Field of Specialization: Pathology

James Lewis Brug, Waukegan, Ill.
B.A. (Northwestern University)
Field of Specialization: Computer and Information Science

Karen Pauline Boerger, Marysville
B.S. (Michigan State University)
Field of Specialization: Genetics

Philip Eugene Borre, Phoenix, Ariz.
B.S. (University of Cincinnati)
Field of Specialization: Geodetic Science

James Emerson Brower, New Lebanon
B.S. Food Tech.
Field of Specialization: Horticulture

Eleanor Louise Brown, Reynoldsburg
B.S.Nurs.
Field of Specialization: Nursing

Timothy Neil Browning, Columbus
Field of Specialization: Electrical Engineering

William Clayton Bruce, Jr., Columbus
B.S. (University of Wyoming)
Field of Specialization: Mechanical Engineering

Gregory John Bryztywa, Wickliffe
B.C.E. (Cleveland State University)
Field of Specialization: Civil Engineering

Judith High Buid, Chillicothe
B.A. (Miami University)
Field of Specialization: Botany

Larry Wilson Burggraf, Cardington
A.B. (Olivet Nazarene College)
Field of Specialization: Chemistry

Lora Schmidt Cahill, Columbus
B.S. (Capital University)
Field of Specialization: Pathology

Steven How Calmer, North Olmsted
B.S.
Field of Specialization: Mineralogy

Kuang-chi Chang, Tao-Yuan, Taiwan
B.S. (Chung Yuan Christian College of Science and Engineering, Taiwan)
Field of Specialization: Mathematics

Thomas David Charles, New Lexington
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Chin-Heng Chen, Taoying, Taiwan
B.S. (Chinese Naval Academy); B.S.E. (Taiwan Cheng Kung University)
Field of Specialization: Mechanical Engineering

In Sheng Cheng, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Electrical Engineering

Edward Ming-dean Chu, North Point, Hong Kong
B.S.E.E. (Ohio University)
Field of Specialization: Electrical Engineering

James Stephen Clark, Columbus
Field of Specialization: Welding Engineering

Margaret Harbaugh Coon, Columbus
B.S.Agr.
Field of Specialization: Horticulture

Charlotte Cordial, Delaware
B.S.Nurs.
Field of Specialization: Nursing

Violeta Odete de Oliveira Costa, Belon, Brazil
Bachard (Universidade Rural do Estado de Minas Gerais, Brazil)
Field of Specialization: Home Economics

1 Also Bachelor of Astronautical and Astronautical Engineering, College of Engineering
2 Also Bachelor of Electrical Engineering, College of Engineering
3 Also Bachelor of Welding Engineering, College of Engineering
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<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>Country/University</th>
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<tr>
<td>Joel Ronald DeLuca</td>
<td>B.S. Agr. (Cleveland State University)</td>
<td>Field of Specialization: Mechanical Engineering</td>
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<tr>
<td>Johnstown, Pa.</td>
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<td>Sahib Singh Amulsingh Dudani</td>
<td>B.Tech. (Indian Institute of Technology)</td>
<td>Field of Specialization: Electrical Engineering</td>
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<td>Fred Allen Custer</td>
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<td>Flora B. Davies</td>
<td>B.S.Ed. (Bowling Green State University)</td>
<td>Field of Specialization: Industrial Engineering</td>
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<td>Herbert Michael Cox</td>
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<td>Joel Ronald DeLuca</td>
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<td>Field of Specialization: Physics</td>
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<td>Michael Albert Dirr</td>
<td>B.S. Agr. (Stetson University)</td>
<td>Field of Specialization: Horticulture</td>
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<td>Steven Hirsh Goldberg</td>
<td>B.S. (California State Polytechnic College)</td>
<td>Field of Specialization: Horticulture</td>
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<td>Wappingers Falls, N.Y.</td>
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<td>Field of Specialization: Computer and Information Science</td>
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<td>David Bruce Dishbennett</td>
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<td>Field of Specialization: Zoology</td>
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<td>Michael Joseph Doherty</td>
<td>B.S. Agr. (Gettysburg College)</td>
<td>Field of Specialization: Chemical Engineering</td>
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<td>Fort Lee, N.J.</td>
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<td>Mary Rohovsky Donahue</td>
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<td>Field of Specialization: Nursing</td>
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<td>Dale Allen Draudt</td>
<td>B.S.E. (University of Dayton)</td>
<td>Field of Specialization: Chemical Engineering</td>
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<tr>
<td>Robert Anthony Drexup</td>
<td>B.S.E. (University of Dayton)</td>
<td>Field of Specialization: Electrical Engineering</td>
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<tr>
<td>Jr., Dayton</td>
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<tr>
<td>Michael John Drosjack</td>
<td>B.S. (Carnegie-Mellon University)</td>
<td>Field of Specialization: Mechanical Engineering</td>
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<tr>
<td>Johnstown, Pa.</td>
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<tr>
<td>Demetrios E. Fragoulis</td>
<td>B.S. (University of Kentucky)</td>
<td>Field of Specialization: Electrical Engineering</td>
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<tr>
<td>Columbus</td>
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<tr>
<td>Sahib Singh Amulsingh Dudani</td>
<td>B.Tech. (Indian Institute of Technology)</td>
<td>Field of Specialization: Electrical Engineering</td>
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<tr>
<td>Johnstown, Pa.</td>
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<tr>
<td>William Randall Edwards</td>
<td>B.S. (Dartmouth College)</td>
<td>Field of Specialization: Mechanical Engineering</td>
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<tr>
<td>Worthington</td>
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<tr>
<td>Inger-Johanne Ellingsen</td>
<td>cand.Mag., cand.Real. (University of Oslo)</td>
<td>Field of Specialization: Botany</td>
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<tr>
<td>Oslo, Norway</td>
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<tr>
<td>Robert Church Evans</td>
<td>B.A. (Earlham College)</td>
<td>Field of Specialization: Chemical Engineering</td>
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<tr>
<td>Mansfield</td>
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<tr>
<td>Alec Burton Farley</td>
<td>B.S. (Central Philippine University)</td>
<td>Field of Specialization: Physics</td>
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<td>Berbice, Guyana</td>
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<tr>
<td>Eugene Louis Ferretti</td>
<td>B.S. (Lawis College)</td>
<td>Field of Specialization: Physics</td>
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<td>Lockport, Ill.</td>
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<tr>
<td>Vassiliki Filippakopoulou</td>
<td>B.S. (University of Dayton)</td>
<td>Field of Specialization: Electrical Engineering</td>
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<tr>
<td>Athens, Greece</td>
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<tr>
<td>Dipl. (National Technical University, Greece)</td>
<td>Field of Specialization: Geodetic Science</td>
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<tr>
<td>Herbert Henry Fisher</td>
<td>B.S. Agr. (University of the West Indies)</td>
<td>Field of Specialization: Agronomy</td>
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<tr>
<td>Worthington</td>
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<tr>
<td>Clinton Myers Fitts</td>
<td>B.S. Agr. (University of Dayton)</td>
<td>Field of Specialization: Obstetrics and Gynecology</td>
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<tr>
<td>Fairborn</td>
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<tr>
<td>John Charles Foltz</td>
<td>B.S. Agr. (University of Kentucky)</td>
<td>Field of Specialization: Agricultural Education</td>
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<tr>
<td>Alexandria, Va.</td>
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<tr>
<td>Demetrios E. Fragonis</td>
<td>B.S. (University of Kentucky)</td>
<td>Field of Specialization: Physics</td>
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<td>Columbus</td>
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<tr>
<td>Kenneth Michael Haught</td>
<td>B.S. (University of Akron)</td>
<td>Field of Specialization: Physics</td>
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<tr>
<td>Clinton</td>
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<tr>
<td>Theodore John Cahykeewicz</td>
<td>B.S. (Central Philippine University)</td>
<td>Field of Specialization: Chemistry</td>
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<tr>
<td>Latham, N.Y.</td>
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<tr>
<td>Margaret Ann Graham</td>
<td>B.A. (Gettysburg College)</td>
<td>Field of Specialization: Computer and Information Science</td>
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<tr>
<td>Sandusky</td>
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<tr>
<td>Albert Joseph Hart, Jr.</td>
<td>A.B. (John Carroll University)</td>
<td>Field of Specialization: Obstetrics and Gynecology</td>
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<td>Columbus</td>
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<tr>
<td>Leon Oliver Harris</td>
<td>B.S. (University of the West Indies)</td>
<td>Field of Specialization: Civil Engineering</td>
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<tr>
<td>Reading</td>
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<tr>
<td>Robert John Gollan</td>
<td>B.S. Agr. (University of Dayton)</td>
<td>Field of Specialization: Obstetrics and Gynecology</td>
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<tr>
<td>Columbus</td>
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</tbody>
</table>

355
Edward Charles Hauswald, Hilliard  
B.S. (Baldwin-Wallace College) 
Field of Specialization: Chemical Engineering  

Marjorie Hopkins Hay, Worthington  
B.S.Nurs.  
Field of Specialization: Nursing  

Philip Lee Headington, West Mansfield  
B.A. (Ohio Northern University) 
Field of Specialization: Botany  

Christy Ramos Hernandez, Pasaay, Philippines  
B.Sc. (University of the Philippines); M.S. 
Field of Specialization: Civil Engineering  

Kerry George Hertenstein, Cincinnati  
B.Ch.E. 
Field of Specialization: Chemical Engineering  

Chiu-Chung Ho, Taipei, Taiwan  
B.Sc.Eng. (National Taiwan University) 
Field of Specialization: Animal Science  

Clayton Edward Howerton, Knoxville, Tenn.  
B.S. 
Field of Specialization: Astronomy  

Tienson Huang, Taipei, Taiwan  
B.Sc.Eng. (National Taiwan University) 
Field of Specialization: Electrical Engineering  

Richard Franklin James, Columbus  
B.I.E. 
Field of Specialization: Industrial Engineering  

John W. Jewett, Jr., Catonsville, Md.  
B.S. (Drexel Institute of Technology) 
Field of Specialization: Physics  

Juliana Theresa Kaspar, Des Moines, Ia.  
B.S.Med.Tech. (Creighton University) 
Field of Specialization: Pathology  

Jane Ann Steinman Kaufman, Kenton  
B.S.Nurs. 
Field of Specialization: Nursing  

William Kelly, Edmonton, Alta., Canada  
B.A. (University of Alberta) 
Field of Specialization: Mathematics  

Maaz Sami Khayri, Amman, Jordan  
B.E. (American University, Lebanon) 
Field of Specialization: Civil Engineering  

Sister Marella Kiesel, Columbus  
B.S. (Niagara University) 
Field of Specialization: Nursing  

Lawrence Reid Kimball, Columbus  
B.S.A.A.E. 
Field of Specialization: Mechanical Engineering  

Michael William Kosakovski, Toledo  
B.Ch.E. 
Field of Specialization: Chemical Engineering  

Jeffrey Louis Kosch, Bay Village  
Field of Specialization: Chemical Engineering  

Margaret Hassey Kramer, Columbus  
B.S. in Home Ec. (College of Saint Mary of the Springs) 
Field of Specialization: Home Economics  

James Oliver Kroll, Libertyville, Ill.  
B.A. (Illinois Wesleyan University) 
Field of Specialization: Chemistry  

Wilson Ruy Mozato Kрукowski,  
Rio de Janeiro, Brazil  
Dipl. (Brazilian Military Institute of Engineering) 
Field of Specialization: Geodetic Science  

Ying-Yen Kuo, Taipei, Taiwan  
B.S. (National Taiwan University) 
Field of Specialization: Mechanical Engineering  

Daniel Henry Kussow, Joliet, Ill.  
B.S.M.E. (University of Wisconsin at Madison) 
Field of Specialization: Mechanical Engineering  

Mary Bernadette Langevin, North Haven, Conn.  
A.B. (Colby College) 
Field of Specialization: Computer and Information Science  

Timothy Louis Laurvray, Dresden  
B.S.M.E. 
Field of Specialization: Mechanical Engineering  

John Michael Lee, Alhambra, Calif.  
B.A. (California State College at Los Angeles); B.S., O.D. (Los Angeles College of Optometry) 
Field of Specialization: Biophysical Optics  

Leo S. Leonhart, Youngstown  
B.S. (Youngstown State University) 
Field of Specialization: Natural Resources  

Walter de Paula Lima, Sao Paulo, Brazil  
Eng.Agr. (Universidade de Sao Paulo) 
Field of Specialization: Agronomy  

Anagene Hatten Loebke, Columbus  
B.S.Nurs. 
Field of Specialization: Nursing  

Daniel Joseph Madden, Jr., Gibberebo, N.  
B.A. (La Salle College) 
Field of Specialization: Mathematics  

Mohamed Ibrahim Mahmoud, Toronto, Ont., Canada  
B.Sc. (Cairo University, Egypt) 
Field of Specialization: Horticulture  

Sandra Harstine Mallett, Etna  
B.S.Nurs. 
Field of Specialization: Nursing  

Ronald Joseph Marhefska, Columbus  
B.S.E.E. (Ohio University) 
Field of Specialization: Electrical Engineering  

Merrill Marh, Torrington, Conn.  
B.A. (Ohio Wesleyan University) 
Field of Specialization: Computer and Information Science  

Robert Leslie Martin, Columbus  
B.S.E.E. (West Virginia University) 
Field of Specialization: Electrical Engineering  

Robert Lawrence Martinet, Massillon  
Field of Specialization: Electrical Engineering  

Marc-Antoine Mbaya, Lubukashi, Congo  
Licencia (University of the Congo) 
Field of Specialization: Engineering Mechanics  

Gerald McCalden, N.S.W., Australia  
B.A., B.Com. (University of Dublin, Ireland); B.A., Litt.B., M.A. (University of New England, Australia) 
Field of Specialization: Computer and Information Science  

1 Also Bachelor of Chemical Engineering, College of Engineering  
2 Also Bachelor of Electrical Engineering, College of Engineering
Peter Edwin Susey, Westerville
B.A.A.E.
Field of Specialization: Mechanical Engineering

Deborah Downs Swanson, Columbus
B.S.
Field of Specialization: Computer and Information Science

John Harvey Terry, Wilson, N. Y.
A.B. (University of Pennsylvania)
Field of Specialization: Chemistry

Carol Mae Thompson, Denver, Colo.
A.B. (Loretto Heights College)
Field of Specialization: Computer and Information Science

June Danner Thompson, Delaware
B.S. (Case Western Reserve University)

Cho-Kei To,
Happy Valley, Hong Kong
B.S. (Wisconsin State University at Eau Claire)
Field of Specialization: Computer and Information Science

Patrick Joseph Tracy, Cincinnati
B.S. (University of Cincinnati)
Field of Specialization: Civil Engineering

Maurice Maduakonam Ukadike,
Somerset, N. J.
B.Sc. (Rutgers, The State University)
Field of Specialization: Civil Engineering

Sylvia Charlene Upp, Columbus
B.S.Occ.Ther.
Field of Specialization: Allied Medicine

James Lee Vance, Londonderry
B.M.E.
Field of Specialization: Mechanical Engineering

Marvin Edward Wachtman, Columbus
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Terry L. Weaver, Columbus
B.S. (Indiana University of Pennsylvania)
Field of Specialization: Microbiology

Kenneth Joseph Wells,
Unometown, Pa.
B.S. (Alderson Broaddus College)
Field of Specialization: Computer and Information Science

Stephen Douglas Werk, Columbus
B.S.Agr.
Field of Specialization: Animal Science

Pelton Whiting Wheeler, Grove City
D.D.S.
Field of Specialization: Dentistry

Virginia Adelaide Wolf, Worthington
B.S.Nurs. (Mary Manse College)
Field of Specialization: Nursing

Tai Chung Wong, Staten Island, N. Y.
B.S. (University of Washington)
Field of Specialization: Electrical Engineering

David Harris Yates, Rochester, N. Y.
B.S. (University of Dayton)
Field of Specialization: Chemistry

*Alban Ock-Bong Yee,
New York, N. Y.
Field of Specialization: Electrical Engineering

*Ping Kwan Yee, Columbus
Field of Specialization: Electrical Engineering

Robert Yung-Yen Yeh,
Fairport Harbor
B.S. (National Taiwan University); M.S. (South Dakota State University)
Field of Specialization: Computer and Information Science

Master of Social Work

One candidate

Shirley Lisman Yuscavage,
Columbus
A.B. (Wilkes College)
Field of Specialization: Social Work

* Also Bachelor of Electrical Engineering, College of Engineering
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 Behning

**College of Humanities**
Dean: Arthur E. Adams

**College of Mathematics and Physical Sciences**
Dean: Geoffrey Keller

**College of Social and Behavioral Sciences**
Dean: Franklin P. Kilpatrick

Bachelor of Arts
Three candidates
William Smith Hayes, Steubenville
Shirley Bernier Koffroth, Dayton
Elisabeth Ann Squeglia, Youngstown

Bachelor of Fine Arts
Twenty-three candidates
Christian Charles Bell, Mt. Vernon
Susan Ollie Bird, Columbus
Elizabeth Elick Byrnildsen, Columbus
Michael Eugene Dantz, Columbus
Otho Shipley Eyster, Jr., Columbus
Richard Bryant Hall, Dublin
Andrea Harchar, Parma
Margaret Lamson Hayes, Columbus
Barbara Kay Jaffe, Dayton
Joyce Elizabeth Kaufman, University Heights
Edith Cathryn Loecher, Columbus
Taylor Lutz, Perrysburg
Penny Louise Mann, Columbus
Judith Vahila Matthews, Columbus
Charles Francis Meixner, Columbus
Joy Anne Merritt, Mt. Sterling
Janice Marie Meyer, Lelpsi
Martha Fletcher Mihaly, Cincinnati
Leslie Diane Norman, Columbus
Elaine Marie Probaila, North Royalton
Kathryn Kelly Rutherford, Columbus
Andrew Steven Turocy, III, Ravenna
Lois Kay VanFossen, Columbus

Bachelor of Music
Six candidates
Susan Elizabeth Burghardt, Hudson
Nellie Margaret Davis, Columbus
Carl Albert Haefeli, Columbus
Diana Belt Lust, Columbus
Robert Irvin Moreen, Jr., Columbus
June Marie Speak, Columbus

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education
Candidates are listed on page 32

College of Biological Sciences
Dean: Geoffrey Keller

Bachelor of Arts
One candidate
Michael Joseph Riley, Chesapeake

Bachelor of Science
Thirty-five candidates
Marcia Sue Amster, Cleveland
Adelle Isaac Arar, Columbus
Lewis Tucker Beman, Jr., Marietta
Jerry Carl Berger, Crestline
John Charles Bland, Hubbard

John William Brushwood, Coshocton
Donna Rippel Burkhardt, Columbus
Gary Patrick Dimenna, Columbus
Cliff Wayne Friend, Hicksville
Peter Nicolo Fuizotti, Parma Heights
Erica Lynn Gardner, Windsor, Ont., Canada
Ronald Stanley Gibas, Neffs
Richard Franklin Gorbach, Vermilion
Richard Arthur Helms, Centerville
Donald Lee Hiner, Westerville
Ronald Virgil Hoffman, Columbus Grove
Charles Eugene Houck, Fairborn
Terry Robert Johnson, North Canton
Mark Olen Kaplan, New York, N. Y.
John Paul King, Goshen, Conn.
Allen James Lamb, Rocky River
Gerald Wayne Lattavo, Columbus
Robert Merrill Loyd, Mt. Vernon
Terry Russell McGuire, Chippewa Lake
Eleanor Jane Meibhrer, Mentor
Neil Eugene Miller, Lexington
Michael Peter Orlando, Lorain
Maitland Woodbury Place, Kettering
David Lawrence Ramey, Columbus
Jack William Rupp, II, Westerville
Robert Lester Scott, Columbus
Lawrence John Shaffer, Columbus
Charles David Webster, Gallipolis
David Owen Willis, Cincinnati
Ross Lindsay Worch, Columbus

College of Humanities
Dean: Robert G. Arms

Bachelor of Arts
Seventy-nine candidates
Thomas Irvin Ball, Logan
Donna Geane Barkhurst, Galion
Harry Charles Baughman, Jr., Dover, Del.
Nancy Smith Beckman, Westerville
Jean Elizabeth Bennett, Lakewood
Stephen Gerald Berman, Youngstown
Audrey Marie Brodzinski, Warrensville Heights, B.S.Ed.
Paula Shafer Butterfield, Columbus
John Charles Camp, Canton
Janice Chiu Cheng, Brooklyn, N. Y.
Sandra Anne Christofferson, Bay Village
Anita Goldman Cohen, Cleveland Heights
William Houston Connally, Lockbourne A.F.B.
Don Robert Coolman, Wadsworth
Katherine Anne Cramer, Worthington
Norma Jean Crozier, Dresden
Katherine Slaughter Daniels, Columbus
Jeffrey Lee Detwiler, Columbus
Michael Joseph Dory, London
Lawrence Robert Dow, Columbus
Jonathan Kent Ely, Dayton
Robert Douglas Fighter, Columbus
James Sawyer Ford, Norwalk
Richard Simon Garson, Akron
Linda Boyce Geroy, Columbus
William Arthur Grose, Norwalk
Lucy Oliphant Hadley, Cleveland Heights
Steven Harrington Hanley, Columbus
Pamela Jean Hardy, Berea
Leonard Rancel Jones, Killbuck
Roger Dale Kafer, Bucyrus
Sherrie Fran Korman, Mayfield Heights
Alice Mary Lehman, Scott
Jeffrey Alan Leimgruber, Alpine, N. J.
Cynthia Maryann Lejsak, Ravenna
Barry Mark Levitin, Columbus
David Markham Litman, Pittsburgh, Pa.
Gerard Steven Lobosco, Columbus
Gregory Donald Loose, Kettering
David William McConnell, Columbus
William Peter Melega, Cleveland
Phyllis Ella Millsap, Columbus
Patricia Mara Vienot, San Francisco, Calif.
Anthony Francis Vinci, Westlake
Richard Edward Volker, Columbus
Herbert Wood Walker, Jr., Atlantic Beach, N. C.
Constance Jean Waring, Roanoke, Va.
David Webb, Manlius, N. Y.
James Richard Whitmer, Louiaville
Michael Allen Young, Columbus
Gary Sheldon Abel, Cleveland
Frank Douglas Braun, Cincinnati
James Gregory Clark, Columbus
James Robert Fields, Ashville
Mark Steven Freshwater, Columbus
Edwin Herbert Griese, Oklahoma City, Okla.
Christine Roller Hall, Columbus
Susan Loran King, Columbus
Kathryn Bailey Lewis, Lewisburg
Ronald Wayne Lowe, Dayton
Marvin Leon Merves, Lorain
Frederick Porter Molden, Columbus
James Monroe Pace, Columbus
David Rawson Phillips, Columbus
Brian Richard Porr, Columbus
Lott David Proegler, Columbus
John William Rein, Milford
Alessandro Francesco Sacilietto, Cleveland
Donald Jack Santapaola, Columbus
Lowell G. Staker, Hilliard
Luise Vingenza Stefanielli, Columbus
Donald James Stolla, Parma
Robert Anthony Stratman, Columbus
Michael Allan Teetor, Marion
Gregory Harold Terry, Columbus
Richard Paul Thomas, Rossford
James Jeffrey Wemlinger, Columbus
Richard Lindsay Willmarth, Geneva, N. Y.
Robert Loren Wolfe, Columbus

College of Mathematics and Physical Sciences
Dean: Geoffrey Keller

Bachelor of Arts
Three candidates
John Joseph Montgomery, Columbus
Michael Andrew Oliver, Columbus
Charles Francis Olson, Columbus

Bachelor of Science
Twenty-nine candidates
Gary Sheldon Abel, Cleveland
Frank Douglas Braun, Cincinnati
James Gregory Clark, Columbus
James Robert Fields, Ashville
Mark Steven Freshwater, Columbus
Edwin Herbert Griese, Oklahoma City, Okla.
Christine Roller Hall, Columbus
Susan Loran King, Columbus
Kathryn Bailey Lewis, Lewisburg
Ronald Wayne Lowe, Dayton
Marvin Leon Merves, Lorain
Frederick Porter Molden, Columbus
James Monroe Pace, Columbus
David Rawson Phillips, Columbus
Brian Richard Porr, Columbus
Lott David Proegler, Columbus
John William Rein, Milford
Alessandro Francesco Sacilietto, Cleveland
Donald Jack Santapaola, Columbus
Lowell G. Staker, Hilliard
Luise Vingenza Stefanielli, Columbus
Donald James Stolla, Parma
Robert Anthony Stratman, Columbus
Michael Allan Teetor, Marion
Gregory Harold Terry, Columbus
Richard Paul Thomas, Rossford
James Jeffrey Wemlinger, Columbus
Richard Lindsay Willmarth, Geneva, N. Y.
Robert Loren Wolfe, Columbus

College of Social and Behavioral Sciences
Dean: Franklin P. Kilpatrick.

Bachelor of Arts
One hundred and twenty-five candidates
Albin Anthony Abram, Avon Lake
Stefan Mike Balij, Parma Heights
Bradley Dean Barash, New Rochelle, N. Y.
Robert Anthony Baron, Maple Heights
Jeffrey Patrick Bauer, Columbus
Mark Carl Bauer, Tailmudge
Eugene Martin Bellman, Lorain

Bachelor of Science
Twenty-nine candidates
Gary Sheldon Abel, Cleveland
Frank Douglas Braun, Cincinnati

* Also Bachelor of Science in Education, College of Education
Allan Richard Bloomsfield, University Heights
Mary Elizabeth Bodnar, Lakewood
Robert Michael Bullinger, Fremont
Michael Thomas Burin, Lakewood
James Randall Cain, Mansfield
James Raymond Carroll, Cincinnati
Stephen Roy Castro, Columbus
James Edward Cihak, Columbus
Brenda Margaret Cleason, South Euclid
Brian Lee Coffey, Medina
Gregory Earl Cook, Columbus
Jack Lee Cook, Kettering
Mark Philip Crambaker, Beverly
James Donald Davison, Martins Ferry
Sean Rex Derrick, Columbus
Charles Albert DeVendris, Columbus
Bruce Joel Diamond, New York, N. Y.
Michael William Donohue, Amanda
Thomas Albert Druzdell, Warren
Roger Edward Edens, Worthington
David Allen Elliott, Worthington
Robert Alfred Fokkowitz, Cleveland
Michael David Feinberg, Radlyn, N. Y.
Joyce Arline Fletcher, Worthington
Vassay Jack Jackson Foreman, Toledo
Darlene Barack Forte, Cleveland
Allan Franklin Foster, Columbus
Gerald Minoru Fujita, Norco, Calif.
John Joseph Gallick, Columbus
George Joseph Gans, Jr., Columbus
Gregory Rex Garet, Norton
Albert Lawrence Gassner, Solon
John Dale Gibson, Cincinnati
Barry Lester Ginnis, Beachwood
Joyce Kelly Gordon, Alexandria
Steven Eric Graham, Toledo
Jean Crowley Grossman, Carmel, N. Y.
Richard Harold Hange, Jr., Medina
David Bruce Harris, Wadsworth
Timothy Dwight Holder, Columbus
Catherine Meadows Huber, Columbus
Ronald Clay Hutchinson, Columbus
Keith Roger Hyde, Columbus
Elizabeth Ann Jameson, Linsig
Tamara House Juba, Lima
Ronald Donald Karlovec, Columbus
Bruce Webster Kay, Columbus
Steven Arnold Kelsey, Wilkes-Barre, Pa.
George Lawrence Kenteris, Postoria
Barbara Sue Klein, South Euclid
Ralph Martin Klop, Jr., University Heights
Sandra Wright Kopas, Mt. Vernon
Gary Edward Kubina, Youngstown
Ernst Kubyan, Cleveland
Pamela Weber Kyman, Cincinnati
John Kelly Lear, Streetsboro
Heidi Marie Leeman, Brewster
Warren Prentice Loesch, Mentor
Michal Wyn Mainwaring, Worthington
Beth Wallace Marble, Ring of Prussia, Pa.
Michele Ellen Marks, Akron
Caroline Jane McCracken, Middletown
Gerald Earl McKibben, Jr., Celina
James Ray Miller, Columbus
Henry Anthony Musilli, Bollaire
Gary Henry Noe, Columbus
David Norman Null, Medina
Bruce Lee Ogle, Newark
Edward John Pearsall, Columbus
Robert Allen Petti, Lyndhurst
James Lowell Phillips, Columbus
Cheryl Lynn Price, Beachwood
David John Progar, Strasburg, Pa.
Larry Douglas Qualls, Dayton
Myron Kay Quickel, Canton
Daniel Lawrence Rech, Marion
Philip Hugh Reed, Delaware
John Terhard Reinet, Columbus
David Roger Replogle, Columbus
Richard Roderick Ridgely, Springfield
Isabella Louise Robson, Columbus
Deborah Varner Row, Columbus
Mark Hal Rubenstein, Bayside, N. Y.
Raymond Sales, Canton
Samuel Aaron Savage, Columbus
Judy Joann Sayers, Columbus
Nancy Gaile Schechter, Cincinnati
Richard Lee Schenker, Fairview Park
Kenneth Bruce Schlaff, Sycamore, N. Y.
Gerald James Schueller, Parma
Thomas Walker Scott, Worthington
Douglas Winston Shaw, Copleton
Michael Francis Shearer, Columbus
Raymond Berend Shearer, Columbus
Steven Ben Shechter, Akron
Ronald Paul Siebert, Chardon
George Russell Smith, Cambridge
Keith Albert Smith, Grove City
Lonora Marie Smith, Columbus
Richard Allen Smith, Stratford, Conn.
Clarenza Mae Snyder, Louisville
Robert George Snyder, South Euclid
Mary Frances Speer, Troy
Edward Vance Springer, OH, Columbus
Stephen David Stierman, Canton
William Allyn Strong, Fairview Park
Barbara Jane Tape, Miamisburg
Walter Edward Taylor, Huron

Nadine Cheryl Tomas, Bellville
James Timothy Traini, Columbus
Steven Aron Trybrow, Toledo
John King Vangilder, Worthington
Patricia Ann Vassar, Columbus
Jane Ellen Warrenbrand, Brooklyn, N. Y.
Cheryl Marchette Welty, Lima
William James West, Columbus
Virginia Leah Wettersten, Columbus
Dennis Lee Wojtanowski, Willick

Bachelor of Science
Two thousand candidates

Steven Paul Ames, Elmore
Eddie K. H. Chin, Gahanna
Carole Ann Clark, Steubenville
Paula Michele Dunlap, Athens
Ralph David Epstein
University Heights, B.S. A. G.
James Henry Geiger, Minster
Margaret Mary Hagerman, Dayton
Julius Edward James, Jr., Washington, D. C.
Jeanne McKeith Kigerl, Bollaire
Fred G. Kurr, Youngstown
Brian Edward Kutza, Lorsin
Mary Louise Managlich, Columbus
Michael William O'Meara, Cleveland
Mitchell Rapp, Eastmeadow, N. Y.
James Russell Seiple, Bay Village
Gilda Yvonne Selbers, Columbus
Thomas William Tudor, Euclid
Richard Glenn Vargo, Cleveland
Gail Iris Walton, Cleveland
Thomas Evan Zahniser, Columbus
School of Journalism

Bachelor of Arts in Journalism

Nineteen candidates

Steven Anthony Abbott, Worthington
Patricia Smith Afzal, Denver, Colo.
David William Claypool, Zanesville
Domenic Joseph Fatica, Willoughby
Sandra Louise Fraley, Ontario
Daniel Ernest Fuhrman, Lima
Richard Emil Heffelfinger, Butler
Steven Andrew Jay, Columbus
Joseph Lawrence Arthur Kopec, Columbus
W. Villiam Martin Mertle, Garfield Heights
W. Villiam Andrew Payer, Columbus
Anita Louise Pesec, Painesville
Patricia June Raynes, Amberst
Robert John Rhees, Sidney
Lynne Ellen Rivkin, Jamaica, N. Y.
George Dallas Robey, Jr., Gahanna
Karl Eugene Schwab, Canfield
William Scott Sirola, Painesville
Gloria Jeanne Sneed, Toledo

Bachelor of Science in Business Administration

One hundred and fifty-five candidates

Stephen Frederic Ade, Mansfield
Vincent Anton Afzal, Cleveland
John William Anderson, Kenosha, Wis.
Raymond Vasilie Andreone, Bera
Christopher Anthony, Mt. Vernon
Thurman Fletcher Arnold, Marietta
Victor Anthony Azzoto, Syracuse, N. Y.
Robert Steven Balthaser, Columbus
William Gilday Batterson, Richmond, Va.
Joseph Charles Bentz, Coshocton
Edward Dominic Bisaccia, Canton
Roger John Billman, Fremont
Roy Michael Binion, Ashville
Thomas Jean Boneburg, Lakewood
Thomas Keith Bowen, Garrettsville
Joanne Rose Bratush, Painesville
Robert Alan Braund, Wooster
Gary Warren Burchfield, Gahanna
Michael Lee Butz, Columbus
Charles Francis Capwell, East Liverpool
Ronald Carvalho, Vandalia
John Thomas Coggins, Jr., Woodside, N. Y.
David Barry Cohen, University Heights
Gary Arthur Cohen, University Heights
Philip John Condo, Columbus
Terence Ross Corroy, Powassan, Ont., Canada
Michael Joseph Conway, Columbus
David Michael Cook, Shadyide
Dennis Charles Cotsamire, Gallion
Donal Everett County, Elyria
Hugh Gudner Creager, Santa Ana, Calif.
Mark William Darling, Perrysville
James Alan Davis, Middletown
Richard Lester Dawley, Cincinnati
Daniel William Demchuk, Cleveland
Brent Lee DeMond, Dansville, Mich.
Larry Alan Difbo, South Euclid
Sion William Digman, Newark
Thomas Edward Dole, Ironon
Jack Douglas Dungan, Columbus
Kenneth Eugene Duncan, Columbus
James Christopher Faehnle, Columbus
Stuart William Fenton, South Euclid
William Henry Fiely, Dayton
John Richard Fisher, Columbus
Anna Kathleen Foster, Winchester
Douglas Alan Frederick, Carey
James Lee Geddes, Grove City
Michael Jay Gottesman, Cleveland
William Ray Graul, Grove City
William Arthur Green, III, St. Louis, Mo.
Arlette Belay Grigst, Columbus
James Alan Gritton, Steubenville
Richard Paul Guenther, Wooster
Daniel Stephen Haas, Navarre
Robert M. Hance, III, Piqua
John Langdon Harris, Jr., Pepper Pike
Patricia Laraine Heaton, Columbus
Douglas Gordon Heitz, Columbus
Robert Dewey Heslep, Troy
Samuel Jay Hill, Columbus
James Scott Hilt, Centerville
Douglas David Holton, St. Louisville
Robert Burkey Horn, Millersburg
Richard Bruce Hoskins, Hudson
Larry James Howell, Columbus
David Ralph Jahn, Columbus
Lance Kin Jansen, Cincinnati
Patrick Henry Jayne, Chillicothe
Gary Lee Johnson, Columbus
Randall Eugene Johnson, Salesville
Rikard Severin Johnson, Warren
Stephen James Johnson, Gahanna
Richard Wayne Kaylor, St. Marys
Kevin Michael Keegan, Lakewood
David Alan Kelly, Columbus
Andrew John Kershaw, Mansfield
Bruce Alan Krauss, Columbus
Dale Michael Kruszynski, Brecksville
James Ronald Kubicina, Warren
Richard James Lampinen, Waukegan, Ill.
Lawrence Charles Landreman, Columbus
Delia Malkin Lange, Akron
Thomas Robert LaPens, Columbus
Robert Richard Larkin, Columbus
Philip Wayne Lawrence, McConnelsville
James Franklin Leonard, North Olmsted
Thomas Edward Lorince, Painesville
Michael Allyn Losego, Cambridge
Steve Noel Lowe, Columbus, B.S. Agr.
Delmer Floyd Mace, Ravenna, W. Va.
Eric Lance Martin, Columbus
Jeffrey William McCowin, Cuyahoga Falls
Roger William McHenry, Branch Hill
Larry Jay McCay, Westerville
Bruce Lightle Mees, Frankfort
Gary Lawrence Melocek, Newbury
Joseph James Miglore, Edison

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College of Agriculture and Home Economics
Dean: Roy M. Kottman

Anthony Joseph Montagno, Westerville
Charles Lester Mooreman, Springfield
Joseph Michael Motil, Columbus
B.S.Ed.
Charles Louis Murphy, Cincinnati
Charles Roger Myers, Charlotte, N. C.

Nanci Ann Neale, Columbus
George Russell Nelson, Canton
Melvin Amos Niese, Ottawa
Patrick Armstrong O'Connell, Dayton
Lockwood Oliver, III, Bay Village
Michael James O'Neal, Fairborn
Penelope Felton O'Neill, Cleveland
John Joseph Ozor, Akron
John Thomas Patterson, Lima
Gary Albert Peterman, Columbus
Christos Petros Petropoulos, Columbus

Philip Arthur Philbin, Perrysburg
Thomas Allen Rader, Kettering
Paul Francis Reddy, Olmsted Falls
Arthur James Riffard, Imman, S. C.
John Robert Ringer, Cambridge
Jack Michael Rosenfeld, Elmont, N. Y.
Richard Arthur Ross, Eastlake
Thomas Charles Savage, Columbus
Walter Edward Schneider, Columbus
Lance W. Schneier, Canton
Kenneth Steven Shifrin, Cleveland Heights

Philip Harley Shrigley, Columbus
David Leslie Shultz, Columbus
David Erwin Skolnik, Cleveland
Bruce Eugene Smith, Van Wert
Thomas Douglas Smith, Lima
Jeffrey Dal Snider, Cleveland
John Raymond Starkey, Bedford
Lorey Stokes, Columbus
Scott David Stubblebine, Norwalk
Ralph William Talmage, Rocky River

John Michael Thompson, Canton
Richard Stephen Toms, Marion
William Everett Treetey, Springfield
David Charles Tyson, Middletown
Walter Gene VanCleave, Jr., Columbus

Albert Jan Vanderhorst, Columbus
Robert David Van Sickle, Columbus
Stephen Richard Varner, Poland
Philip Leander Warnecke, Fort Jennings
Raymond Edmund Werner, III, Cincinnati

James Allen Whitcomb, Ashland
Gail White, Fairfax, Va.
James Calvin Whitmer, Columbus
Kenneth Thomas Wilden, Rocky River
Mark Alfred Wilewicz, Parma
Frank Bernard Woeste, Maria Stein
George Brian Woznak, Parma
Gregory Alan Wright, Columbus
Guy Allen Zavodny, Rocky River
Paul Zwinger, Elizabeth, N. J.

School of Social Work
Bachelor of Science in Social Welfare
 Thirty-two candidates

Cheryl Anne Bareis, Rochester, N. Y.
Francine Gayle Bartfield, Cincinnati
Paula Kay Best, Columbus
Margaret Mary Burke, Columbus
Barbara Joyce Burns, Sunfield, Mich.
Pamela Maxine Chew, Cortland, N. Y.
Karen Leigh Dillon, Bolivar
Dianne Elizabeth Dolezal, North Royalton
Jonnie Kaye Edwards, Steubenville
Gerald Mark Everly, Crestline
Edward Michael Flingel, Mansfield
Deborah Fulllove, Evanston, Ill.
Kenneth Joe Gossett, Hillsboro
Fern Joyce Grunberger, University Heights

Sue Ann Jones, Columbus
Jill Klopfer, Cleveland
Sylvia Brown Law, Columbus
Donna Leslie Lohr, Columbus
Deborah Lowrey, Mansfield
Patricia Ann Lutz, Maumee
Judith Paula Mandelkorn, Columbus
Linda Jean Nassel, Toledo
Linda Ann Pewacki, Parma
Halle Dee Pryor, Lorain
Jill Ann Reisinger, Lorain
Judy Thaw Rowe, Marion
Stephen Stuart Siegel, Cleveland
Carol Ann Simon, Bowling Green
Donna Jean Stamps, New Paris
Sally Louise Storeh, Columbus
John George Welker, East Liverpool
Judith Huston Willis, Columbus

Bachelor of Science in Agriculture
Sixty-two candidates

Donald LeRoy Albert, Jr., Middletown
James Edward Allison, Columbus
Philip Gerald Baideme, Westfield, N. Y.
Mark Alan Basinger, Columbus Grove
Richard Jackson Bates, Dehler
Glenn Richard Biddlestone, Poland
Dale Edward Biery, Mt. Cory
John David Bonagura, Clifton, N. J.
Rohin Jeanne Doerner Bricker, Delaware

Larry Michael Brubaker, Smithville
Roy Lee Carmony, Wooster
Richard Wayne Carter, Springfield
James Michael Cornelius, Harrison
Richard Edward Downey, Bay Village
Robert Howard Dunn, Mineral Ridge
Stephen Sodrie Dye, Columbus
John Milton Evans, New Carlisle
Robert Lee Ferree, Dayton
William Edwin Fling, Hillsboro
William Carl Franz, Strongsville
Robert Larry Gebhart, Germantown
Lawrence Robert Goltz, Columbus
Rebecca Elaine Gompf, Livingson, N. J.

Stephen Robert Hackett, Apple Creek

Donnis Edward Hayes, Cleveland Heights
Raymond Edward Hiller, Jr., Ashland
Douglas Walter Hindenlang, Hayesville
David Walter Holmes, Winona
Larry Kermit Howell, Columbus
Mariana Douglas Hubbard, Wellsburg, W. Va.

Leslie Clarence Judd, Hamilton
Harold Theodore King, Lorain
Karel Jane Kramer, Rocky River
Daryl Levi Kramer, Marion
William Ray Luther, Dayton
Kenneth William Mastracchio, New York, N. Y.
Alvis Earl McGaha, Piqua

Michael Victor Miller, Cloverdale
Steven J. Miller, Greeniville
James Eldon Minor, Circleville
Thomas Gregory Nickles, North Canton
Edward Wilson Perry, Hinckley
Raymond Alex Porter, Cambridge
Michael Jerrold Rainey, Columbus
Harold Gene Rowles, Bremen
David William Sholko, Mansfield
Gary Lee Siegwald, Columbus

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Dalton Kent Snyder, Cardington
Mark Stauffer, Dayton
Loren Carey Steiner, Orrville
Kenneth Martin Unruh, Stow
John Albert Upp, Burbank
Bernard Vanderhorst, Columbus
Harvey Russell Vernon, III, Conneaut
Frederick Charles Volker, Piqua
Thomas Frederick Walter, Lancaster
Timmy James Warner, Arcanum
Janet Joanne White, Akron
Charles Edward Winkle, Sardinia
John Joseph Wolfinger, Rushville
Harold Richard Worries, Tipp City

Bachelor of Science in Food Technology
Two candidates
Henry William Rugala, Marion
Dennis Lee Weber, Rutland

School of Home Economics

Bachelor of Science in Home Economics
Forty-three candidates
Suzanne Beckley Abbott, Tiffin
Nancy Louise Baldauf, Elyria
Joan Christine Brooks, Columbus
Brenda Arlene Cook, St. Paris
Jamie Lee Cook, St. Marys
Barbara Jane Cooke, Columbus
Cynthia Kaye Drake, Carrollton
Mary Richards Duffy, New Lexington
Nancy Ellis, Wilmington
Suzanne Lynn Evans, Columbus
Sue Kimmel Grubb, Trotwood
Mary Jo Elizabeth Hagen, Dayton
Janet Kay Harriman, Mansfield
Diana Lynn Hendryckx, Bloomdale
Janet Helen Henshaw, Wooster
Mary Ann Isler, Prospect
Joyce Ellen Jensen, Hanover, N. J.
Lois Ray Johnson, Cincinnati
Barbara Ann Keil, Mansfield
Janice Ellen Knasel, Anna
Janet Marie Kovach, Montor
Linda Lee Loyer, Columbus
Jennifer Ruth Malcomb, Canton
Charlotte Ann McNemar, Bellefontaine

Rita Lynn Mendenhall, Dayton
Nancy Kay Myers, Cleves
Debra Gardner Nevard, Oklahoma City, Okla.
JoAnn Obert, Columbus
Marianne Randles Parker, Worthington
Antoinette Della Flora Rea, Columbus
Linda Culver Rsmak, Kenton
Gaye Lee Shields, Clayton
Delores Kay Simpson, Cecil
Terese Louise Smith, Westville
Judy Weitzen Stell, Tipp City
Susann Lynette Summers, San Antonio, Tex.
Pamela Kay Stark, Columbus
Alice Ann Stemen, Sunbury
Arlene Pamela Stoller, Cleveland Heights
Leslie Lynn Vrana, Breea
Gloria Moore Walther, Worthington
Mary Katharine Williams, Canal Winchester
Christina Jane Witsberger, Delaware

Bachelor of Science in Restaurant Management
One candidate
Stephen Michael Tewanger, Worthington
Janet
Margaret
Joan Marie Cogan,
Donald Edward
William
Stephen A.
Sharon Sue Clark, Johnstown
Janice Mazey Casher, Westport
John
Laura
Joyce Ann
Patricia woods Cave,
Robert
Linda
James Robert
Judith
Linda Jo
Mar:;on Cantrell, Columbus
James
Albert
Opal Orr
Phyllis
Sara Jane
Barbara Craig
Lee
Franklin
Anne Bouldin, Columbus
Lee
Ann
James
Harry
Mary Ellen Adamkosky,
Mary Ellen Adamkosky, Columbus
James Edward Adams, Galahana
Jeanne Kathleen Alward, Dayton
Robert J. LeCalle, Findlay
Harry Lewis Arnhalt, Delaware
Sharon Ann Ashie, Medina
Marriane Bailey, Columbus
Ronald Lee Baker, Newark
Beverly Balliet, Cuyahoga
Carol Lee Balliett, Mansfield
Claudia Eve Balliett, Parma Heights
Elvace Banks, Elyria
Jacklyn Lee Barnhart, Caldwell
Anita Bailey Bush, Columbus
Christine Marie Bauer, Upper Sandusky
Dale Thomas Baughman, Columbus
Jacquelyn Lear Baughman, Columbus
Sandra Lee Bell, Columbus
Maxine Elizabeth Block, Hubbard
Bruce Paul Bogart, Columbus
Donald Albert Bolin, Galahana
Beverly Marie Bond, Columbus
Beverly Anne Bouldin, Columbus
William Paul Bowes, Bradner
Sara Jane Bowier, Columbus
Forrest Glenn Brandt, Jr., Dayton
Barbara MacMullin Brown, Bay Village
Opal Orr Brown, Worthington
Phyllis Ann Browning, Cincinnati
Kathleen Burk, Independence
James Fredrick Butcher, Middleport
Judith Dianne Butler, Cleveland
Albert Franklin Cameron, III, Columbus
James Robert Camp, Hilliard
Linda Jo Campbell, Columbus
Dark Mason Cantrell, Columbus
Linda McCamee Carey, Columbus
Barbara Jo Carr, Galion
Joyce Ann Carlson, Tallmadge
John Austin Carr, Hendricks, Va.
Janice Mary Casher, Westport
Patricia Wood Cave, Columbus
Sharon Sue Clark, Johnstown
Jean Marie Cogan, Canton
Laura Jeanne Cohen, Akron
Stephen A. Conway, Columbus
William Russell Cottrell, Pemberton
Donald Edward Cox, Marion
Margaret Ruth Davis, Youngstown
Barbara B. Baker Dickey, Marion
Janet Margaret Devere, Columbus
Marilyn Markle Devine, Newark
Robert Louis DiBella, Columbus
Deborah Ferrell Dibert, Van Wert
Jerry Ronald Dill, Columbus
Leslie Darr Dillinger, Marion
Douglas Michael Dillon, Mansfield
Kathleen Maria Dilsaver, Marion
Judith Cornell Dingleyline, Wapakoneta
Cynthia Louise DiSanto, Parma
Dianne Louise Donkin, Shadyside
Beverly Jane Dorsey, Columbus
Charles Edsel Downing, Lima
Jane Elizabeth Draudt, Grove City
Sharon Kurt England, Columbus
Karen Elizabeth Evans, Columbus
Nonda Strewing Evans, Tipp City
Carol Sunderman Ewers, Columbus
Diane Reeder Ewing, Columbus
Lynn Woodley Faber, Toledo
Glenn Richard Fairbanks, Columbus
Cheryl Zwiebel Fark, Jackson Center
Joseph Edward Farrell, Mansfield
Paul Michael Ferrell, Marysville
Judith Morton Ferrone, North Olmsted
Kathleen Margaret Finerty, Astoria, N. Y.
Rosewyn Elaine Finley, Mansfield
Frank Robert Fischer, Lima
Richard Wallace Foreman, Columbus
Barbara Anne Foss, Lancaster
Rebecca Rogers Fox, Derby
Susan Lynn Fritz, Columbus
Ida Hoppes Frock, Columbus
Nancy Barrett Fullerton, Westerville
James Lee Garner, Columbus
John Edward Gerger, Hebron
Thomas Jerome Geist, Delaware
Martin David Giffen, Wooster
Mary Schoenhof Gillen, Columbus
Dana Stephen Glass, Groveport
Patricia Campbell Glenn, Columbus
Janet Debrah Goldberg, West Peterson, N. J.
Wendy Sue Goldberg, Akron
Alan Dale Gordon, West Carrollton
Carol Johnson Gordon, Kettering
Sandra Gabrielle Gould, Norton
Sonia Ann Grieves, Botkins
Michele Lynn Gross, Columbus
Kathy Lynn Hagan, Westerville
Karen Marie Hall, Cleveland
Allen Roger Hancock, Columbus
Sandra Kay Harbage, South Charleston
Robert Marshall Harding, Dayton
Linda Taylor Harlan, Zanesville
Alice Catherine Harlow, Marion
Barbara Ann Hartman, Rochester, N. Y.
Robert Ronald Haytage, Grove City
Dennis William Hawke, Medina
Ellen Wedvik Hazard, Columbus
Denisee Ann Heasley, Columbus
Ellen Edwards Hendrix, Columbus
Donald Allan Henrey, Van Wert
Donnie Kaye Herman, Lexington
Jill Terry Herman, Mayfield Heights
Constance Howell Hermann, Poland
Charles William Hilliard, Willoughby Hills
Neal Hirsch, Columbus
Constance Levy Hornung, Reynoldsburg
Sharon Lee Hostetler, Milburners
Gerald Anthony Huse, Columbus
Eric Herbert Innes, Toledo
Donna Joekich Jackson, Brunswick
Lani Iezekiel Jacobson, Youngstown
Norma Louise Jenny, DeGrass
Judith Dean Jester, Delphos
James Bruce Jestly, Lakewood
Jean Lynette Johnson, Dayton
Kenneth Roger Johnson, Worthington
Robert Stewart Johnson, Bellaire
Grace Lonella Jones, Columbus
Ralph Fletcher Jones, Kirtland
Judith Diane Jungermann, Fords, N. J.
Marlene Donna Kapin, Cranford, N. J.
Amy Carol Kaplan, Cleveland
Andrew Riki Kay, Akron
Donna Anita Kelley, Columbus
James Edward Kelley, Columbus
Joseph John Kerata, Cleveland
James William Kerins, Glen Ellyn, Ill.
Jennifer Wilson Kight, Columbus
Carolyn Lewis Kilbourn, Powell
Gerald Dean King, Columbus
Gregory Charlton King, Columbus
John Walter Kinzel, Columbus
Linda Crawford Kinzel, Columbus
John Robert Kinkpatrick, Worthington
Marcia Goldberg Klein, Columbus
Karen Elaine Knight, Cincinnati
Eva Maria Koczis, Columbus
Martin Fred Kohn, University Heights
Charles David Krider, Columbus
Margaret Rathburn Kreidelbach, Columbus
Robert Joseph Kurelic, Columbus
Cheryl Ann LaFong, Troy
Thomas Jan Lanich, Urbana
Laura Elizabeth Larson, Clarendon Hills, Ill.
Howard Bernard Law, Jr., Zanesville
Monica Caroline Leisem, Uarion
Allen Roger Lemasters, Columbus
Robert Bennett Legal, Lancaster
Stephen Carroll Light, Kenton
Iris Ellen Linn, Cleveland
Jean Luke Lloyd, Madison, Wis.
Michael Joseph Losinski, Columbus
Carl Edwin Lowe, Columbus
Dean Eldon Loy, Ansonia
Paula Anne Lubert, Shaker Heights
Robin Reinstein Lutie, Brooklyn, N. Y.
Shirley Rose Luthman, Colina
Richard Lee Lyday, Grove City
Merle Elise Macoff, Miami, Fl.
Kathleen Mae Maly, Youngstown
Carolyn Jean Mannis, Dublin
Jay William Marion, London
Susan Jo Martin, Columbus
Lavona Lynn Mason, Greenfield
Barbara Blough Mast, Orrville
Anne morrow Matthieson, Delaware
Lawrence Michael McCabe, Columbus
Valerie Jean McCabe, Franklin
Dean Carroll McCullough, Mt. Victory
Russell Dirk McDermott, Columbus
Gale Mariluf McClint, Columbus
Kathryn Ann McMillan, Cleveland
Victoria Lynn McMillan, Columbus
Nell Irene Conner Meckley, Hamilton
Sally Franct Menninga, Columbus
Craig William Mercer, Bay Village
Janet Klein Mercer, University Heights
Elizabeth Ann Miller, St. Petersburg, Fla.
Geoffrey Daniel Miller, Gallipolis
John Raymond Moens, Akron
Linda Gertrude Moosbrugger, Westerville
Evelyn Claire Morison, Akron
Carl Edward Morocco, Jr., North Olmsted
Kathleen Deibert Morrison, Columbus
Marlene McKenzie Martin, Durham, N. C.
Lawrence August Mos, Parma
Joseph Henry Mottola, Mentor
Kathleen Walker Murph, Cincinnati
Gary Blair Musselman, Galion
Frederick Alexander Nagy, Columbus
Rebecca Wolfe Nelson, Coshcoting
James Edward Neibbitt, Columbus
Nancy Christine Neumann, Galion
Carol Antonick Norris, Tucson, Ariz.
Eleanor Ann Power Northrup, Marion
Marilyn Jean Oakley, Columbus
Doris Elizabeth Oehlirn, Mansfield
Linda Wiseman Orris, Granville
Vicki Eldriday O'Saban, Westerville
Patricia Ellen Palay, Hudson
Robert Eric Parker, Boulder City, Nev.
Candace Pushkewich, Lorain
Constance Marie Pastorek, Rossville
Patricia Lapworth Pollerine, Columbus
Roger Ellis Penrod, Menomonee Falls, Wis.
Jane Burkett Perrin, Columbus
Michael Scott Peterson, Wilmington
Jane Margaret Pfau, Youngstown
Polly Gill Pfeiligin, Washington C. H.
Phyllis Marilyn Pifat, Bedford
Virginia Kay Pope, Kenton
John Hugh Pratt, Columbus
Linda Worthingt ugh, Lima
Jane Lee Purdy, St. Clairsville
Patricia Susan Quinn, Canton
Robert Anthony Rao, Hackettstown, N. J.
Marianne Rapenport, Columbus
Ardis Claire Reed, Cincinnati
Phylis Ann Reid, Brookfield, Ill.
Larry Edward Eideyen, Cincinnati
Arlene Adams Rieger, Lexington
Miriam Miller Risser, Columbus
Maxine Ruth Stahl Ritter, Cortland
Sharon Pemberton Robinson, Columbus
Shirley McKinney Roe, Columbus
Deolores Valentine Rogers, Circleville
Mary Champ Ros, Lima
Melinda Laurel Ross, Lima
Ruby Ziedler Roeves, Gallipolis
Lynn Goboucha Royer, Versailles
Jane Ellen Rupp, Pettisville
Herbert Arthur Samuel, Columbus
Joanne Ruby Sarver, Whittier, Calif., B. A. (California State College, Los Angeles)
Julian Marie Savon, Bay Village
Stephan Eugene Saylor, Columbus
Dennis Robert Savina, Brooklyn
Jean Marie Schaefer, Oberlin
Marilyn Ann Scheufer, Willoughby Lake
Mary Lucille Scott, Canton
Terry Palter Sedley, Warrensville
Linda Alvalitis Seifert, East Liverpool
Bruno Salvatore Settite, Jr., Columbus
Bruce Gordon Settlow, Oceanside, N. Y.
Geraldine Swisshelm Shane, Xenia
Bettie Fox Sherman, Mansfield
Nalene Katherine Shore, Columbus
Marian Saurborn Shultz, Columbus
Rosemary Earnest Sidigo, Bucyrus
Carolyn Luce Sinclair, Chagrin Falls
Robert Alan Slack, Dayton
Sandra Carol Slomin, Massapequa, N. Y.
Carl Timothy Smith, Logan
Lynne Pope Smith, Zanesville
Phronie Kitsmiller Smith, Columbus
Sharon Sue Smith, Columbus
Stephany Denise Smith, Cincinnati
Douglas Michael Snapp, Columbus, B. A.
Sharon Myra So, Columbus
William Lawrence Sowash, Mansfield
William Winston Spencer, Jr., Columbus
David Douglas Stafford, Columbus
Joyce Ann Stahl, Mansfield
Judith Ross Stanek, Columbus
David Lawrence Stanley, Smithville
Dale Eugene Starr, Columbus
Barry Steven Stebbins, West Alexandria
Brenda Joyce Steele, Columbus
Charles Ellis Steele, Reynoldsburg
Peggy Ann Stephens, Glenmont, B. A.
Kathleen Esther Stewart, Dayton
Jack Richard Stiers, Coshocton
Craig Alan Stine, Chagrin Falls
Reida Geoggone Stone, Crestline
Mickie Dove Straubhaus, Hebron
David Wynford Surrey, Oswego, N. Y.
Jeanne Ann Sweeney, Columbus
Orest Jeremy Stawinski, Parma
Dianne Wood Tande, Brecksville
Bannie Lee Teare, Columbus
Sandrah Beth Tennebaum, Columbus
Eileen Louise Timmerman, Columbus
Burkettsville
Alan E. Toops, London
Richard Erick Torres, Flushing, N. Y.
Jeffery Arnold Tracy, Columbus
Thomas Bodwell Trainer, Columbus
Sarah Schlicher Traut, Chicago, Ill.
Cynthia Trush, Brunswick
Richard Cannon Turnbo, Columbus
Sandra Orr Turner, Marietta
Diane Kourie Turneripeede, Columbus
College of Engineering
Dean: Harold A. Bolz

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

Six candidates

Gwenn Walters Dean, Columbus
Patricia Bradley Heath, Columbus
Leslie Jacobs Kapun, Bayside, N. Y.
Cynthia Palmer O'Hara, Columbus
Barbara Jean Wince Palmer, Euclid
Bonnie Schenk VanArsdale, Cincinnati

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

Sixteen candidates

Regis Alan Bookshar, Cleveland
Laura Ann Connell, Kettering
Stanislav Dmitrenko, North Olmsted
Cheryl Lynn Haines, Kettering
Ronald Edwin Kurzen, Dalton
Judith Earlene Markel, Delaware
Christopher Paul Miller, Marion
Constance Barrett Nicholson, Mt. Sterling
Paul Donald Quint, Ottawa
Janet Helen Robbins, Columbus
Mary Virginia Schilt, Cuyahoga Falls, B. Mus.
Jeffrey Lynn Shipman, Columbus
John Jacob Shriver, Jeromesville
David Robert Swindle, Wilmington
Charles Thomas Warthen, Newark
Susan Jane Ziemke, Sandusky

Bachelor of Aeronautical and Astronautical Engineering

One candidate

John Bruce Bader, Westlake

Bachelor of Science in Aeronautical and Astronautical Engineering

Ten candidates

Jeffrey Painter Beale, Dayton
James Forrest Cross, Warren
Thomas Bernard Curley, Niagara Falls, N. Y.
James William Henneberger, Hamilton
Raul Alberto Martinez, Miami, Fla.
James William Morgan, Pensacola, Fla.
John Edward Mero, Lorain
John David Phillips, Bedford
Gene Timothy Tagliabue, Wickliffe
Lewis Ellis Withrow, Covington, Va.

Bachelor of Science in Agricultural Engineering

Five candidates

Jan Douglas Austermiller, Green Springs
Richard Thomas Buyer, Dayton
Michael Lee Cramer, West Mansfield
Harold Lester Kleape, Martin
Thomas Harry Sorg, Glenford

Bachelor of Science in Ceramic Engineering

One candidate

Daniel James Belton, Granville

Bachelor of Chemical Engineering

Five candidates

James Raymond Glendon, Cuyahoga Falls
Eric Anderson Grulke, Berea

* Also Bachelor of Arts, College of The Arts and Sciences
* Also Master of Science, Graduate School
William Arthur Hodge, Jr.,
Martins Ferry
Donald Thomas Kiefer,
St. Albans, W. Va.
Jeffrey Louis Kusche, Bay Village

Bachelor of Science in
Chemical Engineering

Two candidates
Robert Marlon Loar, Metamora
Armen Terpevorikian, Tehran, Iran

Civil Engineer

One candidate
Brewster Dean Martin, St. Clairsville
B.S. (Ohio University)

Bachelor of Science in Civil Engineering

Fifteen candidates
Anthony Jay Collier, West Chester
Thomas Michael Evans, Columbus
Timothy James Gooding, Mentor
Frank David Hardy, Cincinnati
Oner Mustafa Karkcu, Marion
George Louis Linguos, Parma
Larry Allan Londet, Mansfield
Douglas James Luke, Broadview Heights
Thomas Coy Lunt, Put-in-Bay
Terry Lester McClain, Lorain
John Andrew Montell, If, Grove City
David Eugene Ridsenour, Columbus
Judson Edward Stalley, Dublin
William James Stuart, Chatham, Ont., Canada
Larry Joseph Zitzke, Columbus

Bachelor of Science in Computer and Information Science

Eleven candidates
Thomas Malcolm Barnes, Columbus
Douglas Lee Blair, Columbus
David Robert Crebs, West Salem
Robert Stuart Gray, Munich, Germany
Edwin Carl Harrow, Columbus

Electrical Engineer

One candidate
Kim Hing Lee,
Segamat, Johore, Malaysia
B.S. (Ngee Ann College)

Bachelor of Electrical Engineering

Eight candidates
*Timothy Neil Browning, Columbus
Alban Robert Cory, Columbus
Robert Lawrence Martinec, Massillon
Charles William Meredith, Beverly
John Robert Pose, Colorado Springs, Colo.
Steven John Struzarik, Norton
*Alban Ock-Bong Yee, New York, N. Y.
*Ping Kwan Yee, Columbus

Bachelor of Science in Electrical Engineering

Thirty-one candidates
Raymond Bruce Alcott, Canfield
Paul Richard Bishop, Bucyrus
Philip Wilson Black, Columbus
Robert Lee Cook, Columbus
Arthur Eugene Craft, Lima
James Floyd Faye, Columbus
David William Horrabeck, Barberton
Robert Timothy Kemerley, Wilmingon
Walley Reo, Dayton
Allan Deane Kopp, Ashland
Ron E. Landthorn, Columbus
Bill Wing Lee, Columbus
Karen Lee, Akron
Richard Harvey Mendelsohn, Cleveland
Michael Jerome Mess, Columbus
Thomas Allen Miller, Lima

Carl Allan Morahan, Mansfield
James Bruce Nolish, University Heights
David Allen Powell, Carey
John Earl Price, Bowerston
Stephen Louis Prince, Harrod
Edward Morris Robbins, Jr., Brandywine, Md.
John Richard Samtersky, Pickerington
Thomas Earl Schart, Bellevue
Patrick David Sullivan, Columbus
Norman Leigh Vesely, Columbus
Rollin Keene Wilson, Charleston, W. Va.
Charles Speed Wood, Jr., Shaker Heights
William Erwin Winkle, Jr., Galion
Bahman Tamin-Afshar, Tehran, Iran
Richard George Zitzmann, Columbus

Bachelor of Industrial Engineering

Two candidates
Douglas Joseph Meszaros, Columbus
*Oren Lester Reinbolt, Tiffin

Bachelor of Science in Industrial Engineering

Ten candidates
James Francis Brady, Scott
Michael Scott Chambers, Navarre
Robert Donald Clegga, Pickerington
Jacob Merle Essler, Jr., Canfield
David Lee Hannsa, Circleville
Stephen Jeffrey Podharse, New York, N. Y.
James Donald Reily, Jr., Yardley, Pa.
Larry Robert Wiggins, New Philadelphia
Harold Phillip Williams, Shelby
Douglas Lowell Witwer, Dayton

Bachelor of Mechanical Engineering

Two candidates
Arthur Allen Goldstein, University Heights
*William Noel Patterson, Columbus
Also Master of Science, Graduate School

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Bachelor of Science in Mechanical Engineering
Eighteen candidates
Robert Jeffery Bus, Wadsworth
James Hubert Calvelage, Delphos
Kenneth Kin-Pan Cheng, Kowloon, Hong Kong
Guy Steven Edington, Troy
Samuel Toshimi Fujii, Columbus
Edward Francis Hart, Lancaster
Alfred Ti-Wai Hsu, Somerset, N.J.
Clifford Alan Keck, Berea
David Forest Kelley, Columbus
Dale Felix Kremer, New Bremen
Timothy James Ledvina, Parma
Harold Raymond Lowman, Dayton
Garry Wayne Prater, Pickerington
Gene Paul Shumaker, Gallion
Clinton Lee Syverson, Alliance
Ohanne Hagob Tchobanian, Columbus
John Lawrence Ucker, Columbus
Clyde Everett Witco, Jr., Chillicothe

Bachelor of Mechatronics Engineering
One candidate
John George Molnar, Warren

Bachelor of Science in Engineering Physics
Two candidates
Thomas Edgar Mayfield, Columbus
William James Smith, Akron

Bachelor of Welding Engineering
One candidate
James Stephen Clark, Columbus

Bachelor of Science in Architecture
Three candidates
Dennis James Anderson, Celina
Lawrence W. Brandstetter, Cincinnati
John Aaron Oney, Kenton

Bachelor of Science in Architectural Engineering
One candidate
Alfred Ze-Wai Hsu, Somerset, N.J.

Juris Doctor
Thirty candidates
Akiha Joyce Ailes, Anna
B.A. (Ohio Northern University)
John Lynn Alden, Athens
B.B.A., M.B.A. (Ohio University)
Rupert Nelms Beetham, Cadiz
B.S.Bus.Adm.
John James Charles, Mansfield
B.A. (Miami University)
David Jackson DeVries, Loudonville, N. Y.
A.B. (Lafayette College)
Jay Randall Dingledy, Youngstown
B.B.A. (Ohio University)
Donald Merle Drake, Columbus
B.M.E.
James Joseph Erb, Miami, Fla.
B.A. (University of Miami)
Kenneth Andrew Gamble, Corunna, Ont., Canada
B.B.A. (Ohio University)
James Richard Harris, Columbus
B.A.
Michael Stanley Holman, Galloway
B.S. (United States Naval Academy)
Michael Richards Johnson, Newark
B.A.
Michael Andrew Klemann, Hamilton
B.A. (Miami University)
Martin Howard Kodish, Akron
B.A.
William Albert Kurz, Cleveland Heights
B.A. (University of Notre Dame)
John Howard Lahy, Fairview Park
B.S. (Miami University)
Louise Sarah Malbin, Cleveland Heights
B.S.H.E.
Brian Lee Mason, Fairview Park
B.S.Bus.Adm.
John James Moffett, Sandyville
B.A., B.S.Ed.
Michael Stuart Nolan, Lakewood
B.A.
Roger Donald Paul, Bellevue
B.A. (Capital University)
College of Medicine
Dean: John A. Prior, M.D.

Richard Edward Plymale, Ironton
B.S. (United States Military Academy)

Gregory Robert Poore, Fairview Park
B.A. (Denison University)

Robert Lee Rauzi, Ontario
A.B. (Oberlin College)

Allan Edward Roth, Columbus
B.A.

Robert Louis Rothman, Toledo
A.B. (University of Michigan)

Albert Rusnak, Jr., Wickliffe
B.S.B.A. (Northwestern University)

Ruth Lawrence Barker Siegfried, Wooster
A.B. (Wilson College)

William Martin Slonaker, Dayton
B.S.Bus.Adm., M.B.A. (University of Dayton)

Joseph Henry Wolkowicz,
St. Paul, Minn.
B.A. (University of Minnesota)

School of Allied Medical Professions

Bachelor of Science in Medical Technology

Four candidates

Linda Jean Bytsura, Seven Hills
Larry Lynn Kilgore, Lima
Patrick Joseph Kunke, Circleville
Sherry Lynn Thacker, New Holland

Bachelor of Science in Occupational Therapy

Three candidates

Leslie Joyce Gilbert, Beachwood
Karen Keller Kovac, St. Henry
Gail Leonmon Lloyd, Shaker Heights

Certificate of Nurse Anesthetist

One candidate

Mary Ellen Yarbrough, Cleveland

Certificate of Post Baccalaureate Medical Technologist

Two candidates

Victoria Rehl Heagren, Springfield
B.A. (Miami University)
Dianne Laurette Kreech, Columbus
B.S. (Marietta College)

Certificate of Post Baccalaureate Physical Therapist

One candidate

Nancy Carolyn Clark, Columbus
B.S. (Otterbein College)
Graduates with Honors

Summa Cum Laude
Raymond Vasile Androne, Berea
Jay Randall Dingledy, Youngstown
Jonathan Kent Ely, Dayton
James Joseph Erb, Miami, Fla.
Susan Lynn Fritz, Columbus
Sandra Kay Harbage, South Charleston
Patricia Laraine Heaton, Columbus
Michael Stanley Holman, Galloway
Rui Wing Lee, Columbus
Kathleen Mae Malys, Youngstown
Robert Lawrence Martinet, Massillon
Neill Irene Conner Meckley, Hamilton
Joseph James Miglore, Edison
Phyllis Elia MiIspat, Columbus
Ray Michael Montoro, III, Columbus
Patricia Allen Pallay, Hudson
William Noel Patterson, Columbus
David Allen Powell, Carey
John Earl Price, Bowerston
Arlene Adams Rieger, Lexington
Jane Ellen Rupp, Pettisville
Betbie Fox Sherman, Mansfield
June Marie Speak, Columbus
Kathleen Esther Stewart, Dayton
Norman Leigh Vealey, Columbus
Sylvia Yearick Weed, Columbus

Summa Cum Laude and with Distinction in Animal Science
Rebecca Elaine Gompf, Livingston, N.J.

Summa Cum Laude and with Distinction in Agricultural Engineering
Alvis Earl McGaha, Piqua

Summa Cum Laude and with Distinction in Animal Science
John David Bonagura, Clifton, N.J.

Summa Cum Laude and with Distinction in English
Paula Shafer Butterfield, Columbus
John Charles Camp, Canton

Cum Laude
Stephen Frederic Ade, Mansfield
Raymond Bruce Alcott, Canfield
Steven Paul Ames, Elmore
Robert Anthony Baron, Maple Heights
Rupert Neims Beetham, Cadiz
Frank Douglas Braun, Cincinnati
Timothy Neil Browning, Columbus
Kathleen Burk, Independence
Linda Jo Campbell, Columbus
James Raymond Carroll, Cincinnati
John James Charles, Mansfield
James Gregory Clark, Columbus
Alan Robert Cory, Columbus
Hugh Gunther Creager, Santa Ana, Calif.
Robert Louis DiBella, Columbus
Jonnie Kaye Edwards, Steubenville
William Henry Flely, Dayton
Eric Anderson Grulke, Berea
Allen Roger Hancock, Columbus
Steven Harrington Hanley, Columbus
James William Hennéberger, Hamilton
Constance Howell Hermann, Poland
Tamara House Juba, Columbus
Barbara Ann Keil, Mansfield
Jeanne McKelvey Kigerl, Bellaire
Wal Lee Ko, Dayton
Martin Howard Kodish, Akron
William Albert Kurtz, Cleveland Heights
John Howard Lahey, Fairview Park
Cynthia Maryann Leisjesk, Ravenna
Jean Lueck Lloyd, Madison, Wis.
Gregory Donald Loose, Kettering
Louise Sarah Malbin, Cleveland Heights
Charles William Meredith, Beverly
Ardith Knupheide Nolte, Columbus
Michael Andrew Oliver, Columbus
Marianne Randles Parker, Worthington
Robert Eric Parker, Boulder City, Nev.
Robert Lee Rudi, Ontario
Edward Morris Robbins, Jr., Brandywine, Md.
Shirley McKinney Roe, Columbus
Allan Edward Roth, Columbus
Robert Louis Rothman, Toledo
Judy Thaw Rowe, Marion
Jack William Rupp, II, Westerville
Albert Rusnak, Jr., Wirkliche
Alessandro Francesco Saliotto, Cleveland
William Martin Sionaker, Dayton
Barbara Jane Tape, Miamisburg
Joan Mowry Tatgenhorst, Columbus
Alyce Whittaker Waiden, Mansfield
Constance Jean Waring, Roanoke, Va.
Julie Studebaker Woodard, New Carlisle

Cum Laude and with Distinction in Animal Science
Rebecca Elaine Gompf, Livingston, N.J.

Cum Laude and with Distinction in Political Science
David Roger Replogle, Columbus
THE OHIO STATE UNIVERSITY

OFFICIAL PROCEEDINGS OF THE

ONE THOUSAND AND SEVENTY-THIRD MEETING

OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 4, 1972

The Board of Trustees met at its regular monthly meeting on Friday, February 4, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
REPORT BY CHAIRMAN

A. Minnesota Basketball Occurrence

Chairman Shocknessy expressed the Board's deep concern relating to the basketball incident that recently occurred at the University of Minnesota, both with regard to the lack of protection provided this University's student athletes as well as the future of intercollegiate sports. Chairman Shocknessy stated that while the Board does not intend to pass judgment upon anybody involved in this incident at this time, it does urge all who have a responsibility to examine the processes by which intercollegiate sports are conducted. Mr. Shocknessy then called upon Mr. J. Edward Weaver, Director of Athletics, to comment upon the situation.

Mr. Weaver indicated that he believes to date everything which should be done has been done. He reported that the investigation of the incident by both the Commissioner's Office and the University of Minnesota is continuing.

B. November 5 and 6 Incident on North High Street

Mr. Shocknessy reported briefly upon the incident on High Street on November 5 and 6. He stated that President Fawcett had requested Dr. Ted Robinson, Vice President for Student Affairs, to conduct a full investigation of the incident on North High Street the night of November 5 and the early morning of November 6 and to report his findings to the President at an early date. This report has now been submitted to the President as well as to the Mayor's Task Force of the City of Columbus. Dr. Robinson is presently in the process of pursuing the recommendations contained in the report. The administration has given its assurance that those recommendations requiring action by the University will receive full consideration.

C. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

At the last meeting of this Board, a statement was made by a representative of the Undergraduate Student Government with respect to the selection of a President. We are all mindful of the near impossible task of replacing President Fawcett, but we still have to appoint a President whether anybody will be quite as adequate as President Fawcett or not. We have been, as all of you know, in the process of seeking a President for many months. I have before me an article which appears in the February issue of The Ohio State University Monthly which is as comprehensive a statement of the process and of the progress of the presidential search as I believe can be made. The last paragraph of the article for which I especially compliment the Alumni Association says that:
February 4, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President
(continued)

Mr. Shocknessy's statement (continued)

By month's end, it became apparent that the search for a successor to President Fawcett was continuing; that the candidates being considered may or may not be those publicized by the press; that the Trustees had made clear they would not be bound to any of the five finalists named by the Search Committee; that no offer had been made to any prospect; that the Search Committee has been asked for a further list of names; and that when the final selection is made by Trustees it will be announced publicly - and not before.

The search is continuing. I have never and, insofar as I know, no member of this Board has ever either affirmed or denied the accuracy of a so-called list of five candidates which has recently been published in various newspapers. I was asked by a newspaper man just a few days ago, 'Did I know that a man named Chancellor Young had gone to Indonesia,' and I said 'No I don't; who is Chancellor Young?' Now I know who Chancellor Young is, but I am not either affirming or denying that Chancellor Young or anyone else was named on a list presented to the Board of Trustees. The Board of Trustees considers that a high degree of privacy is the right of those persons whom it considers for the Presidency.

At our meeting on December 3, the Board assured the Undergraduate Student Government that when the nominee of those sponsoring the campus elections was presented, the Search Committee would be requested to show that nominee the same consideration and dignity as every other nomination. And accordingly on December 7, at the request of the Board, the Secretary asked the Chairman of the Search Committee to examine the credentials of the nominee resulting from this election whenever that nominee would be presented. The Board did not consider that a list of prospects was final until the nominee obtained from the election had been considered by the Search Committee. It is my understanding that the Search Committee did honor the Board's request by holding a special meeting on the 22nd of December to examine the credentials of this nominee. While it has been asserted many times in our noble and respected campus newspaper that the nominee was not given the same respect as the other nominees, I consider that this nominee was given not only the same respect but more than the other nominees who were not named on the Search Committee's final list, because his credentials were considered singly by the whole committee in a special meeting.
Mr. Shocknessy's statement (continued)

The Search Committee advised the Board that it would not recommend this person for consideration by the Board, and accordingly the Board did not interview him.

The Board only interviewed those whose names were on the list forwarded by the Search Committee and who were available for interview. These interviews were conducted on the 5th and 6th of January with all members of our Board present. No prospect who was interviewed was offered the position of President. We indicated that we would like to be advised, by those whom we interviewed, if they would be receptive of an offer. We also determined before we dispersed on the 6th of January that we would ask for further nominations from the Search Committee, not because we did not respect the work of the Search Committee, not because we did not believe in the ability of the nominees of the Search Committee, but because we thought in the fulfillment of our mission of selecting a President for this great University in these perilous times that we should not confine ourselves to a list quite as narrow as it had become. I said 'it had become,' because one of the nominees of the five advised the Search Committee before we interviewed, that he was not interested in being interviewed. Certain reluctances were indicated in some of the others—reluctances which are characteristic of reaction to considerations such as the Presidency of a university, and such as are characteristic of the reactions of men who are serving in high positions in other universities. Accordingly, on the 17th of January I asked the Chairman of the Search Committee, on behalf of this Board, to present additional names. The Chairman was not asked to present any specific number of names, rather the Chairman was asked to present such names as the Search Committee had before it which the Committee considers worthy based upon its previous considerations. And implied in the request was the right of the Search Committee to go beyond, in any manner it deemed appropriate, to help us procure the best President that can be procured for what we consider the best state university in the United States—the state university in the United States with the greatest potential.

And finally, I wish to emphasize that important as time is, it is not as important as procuring the best man or woman who might be found to fill this position. Panic is not one of our problems. Our problem is procuring the 'best and the greatest' for the 'best and the greatest!' I firmly believe that we shall
February 4, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

be able to offer the Presidency to a suitable prospect in ample time, but time will not control the quality. Quality must continue to be our most important concern. We owe it to the University, the educational system, the State, the Nation, and to the man he will be succeeding.

APPEARANCES

A. Professor Julian H. Markels

Professor Julian H. Markels of the Department of English appeared before the Board to urge the Trustees to sponsor a campus-wide election as the most appropriate method of selecting the new President.

B. Mr. Jeffrey Yapalater

Mr. Yapalater expressed his concerns regarding the manner in which the presidential search was being conducted. He also urged the redesign of the present Search Committee, the reconfirmation of its members, the selection of a president by an election from the slate of candidates selected by the Search Committee, and interview of Staughton Lynd when Mr. Lynd would be in Columbus on February 5.

Mr. Shocknessy stated that he would make himself available to meet with Mr. Lynd on Saturday. He indicated that he would not, however, ask the Board to convene on a caprice. If a meeting with Mr. Lynd and Mr. Shocknessy were arranged, it would be clearly understood that Mr. Shocknessy would be seeing Mr. Lynd not as a candidate for the presidency but to become acquainted with his views of a university. Mr. Shocknessy further indicated that he would be happy to have any member of the Board who was available to join him in this interview and that he would report to the Board concerning the interview. He asked Mr. Yapalater to arrange such an interview.
February 4, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rules 29.2725 and 51.03, the Deletion of Section 4 of Rule 45.03 and Rule 51.05, and the Addition of Rule 29.2726

On November 9, 1971, the Faculty Council approved the following revision in Rule 29.2725 and the addition of Rule 29.2726 to Rules for the University Faculty (See Appendix V, page 421):

1. Rule 29.2725 provides (a) that the Council on Student Affairs shall recommend to the President a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as a Chief Hearing Officer, and (b) that an array of Hearing Panelists shall be selected by lot consisting of faculty members, undergraduate students, graduate and professional students, and administrative staff members.

2. Rule 29.2726 is a new rule stating that the University will not exercise jurisdiction over disruption cases which are in the criminal courts unless there is a clear and present danger of repeated or continued violations. In such cases procedures for probation and dismissal are set up.

On December 15, 1971, the Faculty Council approved a revision of Rule 51.03 and the deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty:

3. Rule 51.03 as revised sets forth in greater detail than the present rule what constitutes disruption and defines certain terms which are used in the Rule.

It was recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted by the Board of Trustees with the provision that in the event the procedures set forth in Rules 29.2725 and 29.2726 prove to be ineffective, the President, upon his own discretion and after consultation with the Faculty Advisory Committee, may set aside the above Rules, reinstitute the procedures now in effect and return the Rules to the Faculty Council for further study and possible modification.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.
February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09, and the Deletion of Rule 29.2707

The Faculty Council on December 15, 1971, approved the following revisions in Rules 13.09, 27.0701, 27.0703, 27.0705, and 27.09, and the deletion of Rule 29.2707. (See Appendix VI, page 427.) These rules call for the establishment of a Research Committee of the Graduate Council and the transfer of existing powers and functions of the present Research Council to this Research Committee.

1. Rule 13.09 deleted the term Research Council and substitutes Graduate Council.

2. Rule 27.0701 provides for changing the number of faculty members on the Graduate Council and provides for student membership on this body.

3. Rule 27.0703 changes the length of terms of the members.

4. Rule 27.0705 transfers the powers and functions of the Research Council to the Graduate Council.

5. Rule 27.09 establishes a Research Committee of the Graduate Council and sets forth its responsibilities.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted by the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

C. Revision of "Master Plan for Don Scott Field"

The official master plan for Don Scott Field as previously approved by the Board of Trustees, requires further modification at this time to accommodate new Federal Aviation Agency regulations and the revision of proposals to incorporate additional planning studies associated with the further development of runway facilities. Among the specific changes included in these revisions are a more detailed delineation of runway configurations, runway approach fans, as well as the inclusion of the animal science facilities presently under construction, minor revisions to reflect current property lines, land acquisition priorities, and land use.
I. GENERAL RECOMMENDATIONS (continued)

C. Revision of "Master Plan for Don Scott Field" (continued)

President Fawcett recommended that the "Master Plan for Don Scott Field," be revised as indicated in the five accompanying maps and that these maps be placed on file with the official records of the Board of Trustees.

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

D. Appointment of Policy Committee for Operation of The Andersons Agricultural Research Fund

At the February 10, 1966 meeting of the Board of Trustees, The Andersons Agricultural Research Fund was established as a permanent endowment fund by the Board of Trustees.

President Fawcett recommended that a Policy Committee comprised of the following four persons be established: the University Provost who will serve as Chairman of the Committee; the Dean of the College of Agriculture and Home Economics; the Treasurer of the University; and one representative of The Andersons.

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

E. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degree, Doctor of Laws, be conferred on Elliot L. Richardson, United States Secretary of Health, Education and Welfare, at the March 17, 1972 Commencement.

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

F. Adoption of University Budget for the Fiscal Year 1971-72

President Fawcett made the following statement and recommendation:

Last July 30 a special Board meeting was called for the purpose of adopting a Provisional University Budget for 1971-72. Action had been deferred until this late date because of the failure of the legislature to act upon an appropriation bill; but, this University could defer no longer and still meet its financial commitments. The Provisional Budget, presented and adopted, anticipated a State subsidy level of $67,382,000 for the year. This level was selected since it was established in House Bills 475 and 477 which had been passed by the House and were pending in the Senate. Student fee levels were also established on the basis recommended in House Bills 475 and 477 and urged by the Board of Regents.
F. Adoption of University Budget for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

It was anticipated that with possible minor modifications in final legislative action on anticipated resources, a firm budget for the fiscal year 1971-72 could be adopted by this Board no later than early autumn of this past year. However, this University's appropriation was not established by the legislature until December 20, 1971. And I regret to inform you that the support level of $62,908,500 established by the General Assembly fell short of the previously anticipated support level by $4,473,500. We have now had an opportunity to reexamine all expenditures called for in the Provisional Budget in an effort to resolve this very substantial difference.

Some resolution of this disparity was received from an unanticipated increased enrollment for the Autumn Quarter. While I will not attempt to provide a detailed explanation as to why our efforts to curtail enrollments this year were not successful, suffice it to say that unanticipated enrollment increases resulted in approximately nine hundred more students than had been projected with an increased fee income of $730,000 over that which was indicated in the Provisional Budget. An equivalent subsidy increase of $891,500 was also provided by the State because of this increased enrollment.

During the last several months of fiscal year 1970-71 there were indications that universities might face reductions in anticipated support levels. A number of economy measures were instituted at this University in order to protect ourselves by developing larger year end balances than those projected. Through various economies we were able to close out the fiscal year 1970-71 with a balance of $1,593,000 over that budgeted. The financial support provided by these three items effectively reduced the net difference between the anticipated and the actual resources obtained by the State to a level of $1,259,000. To resolve this difference, however, it then became necessary to reduce specific items in the Provisional Budget as follows:

1. University operating and equipment allocation $584,000
2. Programmed contract repair projects 300,000
3. Deferred critical problems 375,000
February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

While the University has effected these reductions, the implications of such action should be fully understood. First, the reduction in University operating and equipment budgets will mean that all areas of the University must operate at the same expenditure levels as they have in the preceding year irrespective of increased costs experienced because of inflation which has been particularly critical in the more sophisticated types of equipment and supplies that universities require. Dramatic increases have also been experienced in the cost of many essential services, particularly utilities. The reduction in contract repair funds is obviously a false economy and cannot be sustained over a very long period of time. And similarly a reduction of this magnitude in funding cannot help but limit our efforts to strengthen existing commitments to say nothing of the additional funds which are needed to support the development of new and innovative programs. Thus the following budget for 1971-72 is presented for your consideration:

<table>
<thead>
<tr>
<th>Budget for the 1971-72 Fiscal Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Provisional Budget</strong></td>
</tr>
<tr>
<td>------------------------</td>
</tr>
<tr>
<td><strong>General Budgets</strong></td>
</tr>
<tr>
<td>Personnel Services</td>
</tr>
<tr>
<td>Operating and Equipment</td>
</tr>
<tr>
<td>All Other</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
<tr>
<td><strong>Regional Campuses</strong></td>
</tr>
<tr>
<td><strong>Restricted Budgets/Expenditures</strong></td>
</tr>
<tr>
<td>Endowments</td>
</tr>
<tr>
<td>Federal Grants/Contracts</td>
</tr>
<tr>
<td>Ohio Grants/Contracts</td>
</tr>
<tr>
<td>Private Gifts/Grants</td>
</tr>
<tr>
<td>Research Foundation</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>
February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

<table>
<thead>
<tr>
<th>Rotary and Auxiliary Budgets</th>
<th>Provisional Budget</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooperative Extension</td>
<td>$10,650,000</td>
<td>$11,200,000</td>
</tr>
<tr>
<td>University Hospitals</td>
<td>$39,530,000</td>
<td>$38,740,000</td>
</tr>
<tr>
<td>University Dormitories</td>
<td>$15,185,000</td>
<td>$14,393,000</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>$4,040,000</td>
<td>$4,040,000</td>
</tr>
<tr>
<td>Departmental Earnings</td>
<td>$4,858,000</td>
<td>$4,858,000</td>
</tr>
<tr>
<td>University Services</td>
<td>$2,200,000</td>
<td>$2,200,000</td>
</tr>
<tr>
<td>All Other Auxiliaries</td>
<td>$7,241,000</td>
<td>$7,241,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$83,704,000</strong></td>
<td><strong>$82,672,000</strong></td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td><strong>$253,966,213</strong></td>
<td><strong>$255,146,160</strong></td>
</tr>
</tbody>
</table>

Sources of Income for 1971-72 Budget

<table>
<thead>
<tr>
<th>Main Campus</th>
<th>Provisional Budget</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Subsidy</td>
<td>$67,382,000</td>
<td>$62,908,500</td>
</tr>
<tr>
<td>Plus: Additional earnings based upon enrollment</td>
<td>-0-</td>
<td>891,500</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$67,382,000</strong></td>
<td><strong>$63,800,000</strong></td>
</tr>
<tr>
<td>Student Fees</td>
<td>$43,570,000</td>
<td>$44,300,000</td>
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<tr>
<td>Other Unrestricted Income</td>
<td>$15,100,832</td>
<td>$15,100,832</td>
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<tr>
<td>Beginning Balance</td>
<td>$1,115,750</td>
<td>$2,708,697</td>
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<tr>
<td>Carry Forward to 1972-73</td>
<td>(4,449,069)</td>
<td>(4,449,069)</td>
</tr>
<tr>
<td></td>
<td><strong>$122,719,513</strong></td>
<td><strong>$121,460,460</strong></td>
</tr>
<tr>
<td>Regional Campuses - All</td>
<td><strong>$253,966,213</strong></td>
<td><strong>$255,146,160</strong></td>
</tr>
</tbody>
</table>

383
February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

While I am asking your adoption of this University budget I must also alert you to an as yet unresolved problem which has developed since our State appropriation was established. During the budget discussions this past year we were fully aware that the 109th General Assembly would probably pass a substantial pay increase bill for civil servants of the State including the approximately 2,550 individuals in this category presently employed by this University. At that time estimates of this increase ranged from 6-16% over and above the normal statutory increases. Additionally, university presidents understood through meetings in the Office of the Board of Regents that while the universities would be obliged to absorb increases for all employees of these universities in equivalent categories to that of State civil service, any action by the General Assembly with reference to civil service employee pay increases would be accompanied by the necessary funds to implement these increases. I regret to report, however, that while the legislature did take the anticipated action in providing a substantial salary increase for the civil servants of this State, which, incidentally, this University fully supported, State universities were specifically exempted from the funds provided to all other State agencies for implementing this increase. Now we find ourselves in the difficult position of enthusiastically supporting the action of the legislature in providing well-deserved increases to our employees and at the same time having to resolve an unanticipated financial obligation to this University which will amount to over $3 million for the bennium for our civil service employees and a roughly equivalent amount for our employees in our Hospitals, Cooperative Extension, Dormitories, and other auxiliary activities which hold civil service equivalent positions. We have every intention of meeting these obligations even though the exact amount is still to be determined by the Federal Pay Board. As you know, we have initiated a number of improved program budgeting practices during the past several years at all levels within the University in order to anticipate needs and to integrate these needs in a budget plan which would provide for consistent progress toward meeting these obligations within the constraints of increasingly scarce resources. In doing this, we have been able to provide, each year, minimal but consistent growth to continuation budgets and initiation of the most critical new and improved programs. When the amount of the State civil service increases is established, we will make every attempt to resolve this liability through reevaluation of this current budget plan hopefully without having to effect any major revisions to existing budget levels. Some alternatives will include the possibility...
February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

of additional temporary investment resources of $200,000; anticipated year end balances due to stringent controls on budgets; possibility of additional special subsidy from the Ohio Board of Regents; and use of a portion of our emergency reserves.

I am now recommending the adoption of the University Budget for 1971-72 presented above and authorization to make the necessary adjustments in the various budgets required by the civil service pay increase bill once this University's liability has been determined through reevaluation of income and budget levels.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees approved the University Budget for 1971-72 by unanimous roll call vote.

II. PERSONNEL CHANGES

Personnel changes since the December 3, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointment

Richard P. Goldthwait, Acting Dean of the College of Mathematics and Physical Sciences, effective January 1, 1972, at a salary of $27,012.00 per annum.

B. Promotions

G. Edwin Howe from Associate Administrator of University Hospitals to Director of Hospital Administration, effective immediately, at a salary of $26,328.00 per annum.

John B. Gabel from Acting Chairman of the Department of English to Chairman of the Department of English, effective immediately, at a salary of $23,088.00 per annum.

Adalbert Koestner from Acting Chairman of the Department of Veterinary Pathology to Chairman of the Department of Veterinary Pathology, effective immediately, at a salary of $30,948.00 per annum.
II. PERSONNEL CHANGES (continued)

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Ronald L. Overmyer, Instructor (County Extension Agent, 4-H) Ottawa County, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

James F. Engel, Professor, College of Administrative Science - Academic Faculty of Marketing, effective January 1, 1972 through September 30, 1972, to serve as Visiting Professor in the Graduate School at Wheaton College, Wheaton, Illinois.

Audrey Jean Naylor, Associate Professor, Department of Pediatrics, effective November 1, 1971 through June 30, 1972, to participate in a study tour of three European countries.

James W. Vander Zanden, Associate Professor, Department of Sociology, effective January 1, 1972 through March 31, 1972, to prepare manuscript for a book.

E. Emeritus Titles

John H. Herrick, Division of Campus Planning, with the title Executive Director Emeritus, effective February 1, 1972.

Chalmer G. Hixson, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective September 1, 1971.

Florence L. Lloyd, School of Home Economics, with the title of Professor Emeritus, effective December 1, 1971.

Francis P. Robinson, Department of Psychology, with the title Professor Emeritus, effective January 1, 1972.

President Fawcett recommended that the Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY
(November 13, 1971 - January 7, 1972)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
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In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
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


   c. Department of Navy, Office of Naval Research, Arlington, Virginia, Nonsimilar Solution of Binary Boundary Layers (to be known as Project No. 2362 - Mod. #4 - Department of Aeronautical and Astronautical Engineering). Gross Value - $17,000.00.


   e. Department of Navy, Office of Naval Research, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Mod. #3 - Department of Metallurgical Engineering). Gross Value - $22,000.00.


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

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

1. Government Research Contracts - Federal (continued)

h. Department of Air Force, Air Force Systems Command, Wright
Patterson Air Force Base, Ohio, Research on Permanent and
Temporary Shifts in Hearing Threshold Produced by Exposure
to Air Force Noise (to be known as Project No. 3189-A1 - Amend.
#P00003 - Department of Otolaryngology).
Gross Value - $15,500.00.

i. Department of Air Force, Air Force Systems Command, Wright
Patterson Air Force Base, Ohio, The Investigation of High-
Temperature Oxidation Reactions (to be known as Project No.
3194-A1 - Mod. #P00003 - Department of Metallurgical Engineering).
Gross Value - $30,000.00.

j. Department of the Army, Harry Diamond Laboratories, Washington,
D. C., A Study to Improve the Performance of Electrically Small
Antennas Located in Small Dielectric Nose Cones (to be known as
Gross Value - $20,000.00.

k. Department of Air Force, Air Force Systems Command, Headquarters,
Wright Patterson Air Force Base, Ohio, Development of a Duo-
plasmotron Excitation Technique for Measuring Flow Properties
Around High Speed Vehicles (to be known as Project No. 3361-A1 -
New - Department of Aeronautical and Astronautical Engineering).
Gross Value - $60,000.00.

l. Department of the Army, U. S. Army Medical Research and Develop-
ment Command, Washington, D. C., Radioprotective Agents -
Stereochemical Studies (to be known as Project No. 3363-A1 - New -
College of Pharmacy).
Gross Value - $25,908.00.

m. Department of Air Force, Air Force Systems Command, Rome Air
Development Center, Griffiss Air Force Base, New York, Multi-
faction TDMA Techniques (to be known as Project No. 3364-A1 -
New - Department of Electrical Engineering).
Gross Value - $147,992.00.

n. Department of the Army, Headquarters, U. S. Army Medical
Research and Development Command, Washington, D. C., Isolation
and Characterization of Plasmodium Berghei Antigens (to be known
as Project No. 3365-A1 - New - Department of Microbiology).
Gross Value - $13,138.00.
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 Cancer Institute, Bethesda, Maryland, In Vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens (to be known as Project No. 3374-A1 - New - Department of Veterinary Pathology). Gross Value $75,226.00.

s. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Continuation of Experimental Study of Helicopter Rotor Blade Boundary Layers (to be known as Project No. 3375-A1 - New - Department of Mechanical Engineering). Gross Value $54,391.00.


TOTAL - Government Contracts - Federal $833,115.00
February 4, 1972 meeting, Board of Trustees

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

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

2. Government Research Contract - State

   a. State of Ohio, Department of Liquor Control, Columbus, Ohio,
      A Comprehensive Review of Ohio Department of Liquor Control's
      Policies and Procedures (to be known as Project No. 3263-A1 -
      New - College of Administrative Science - Academic Faculty of
      Marketing).
      Gross Value - $30,954.00.

3. Industrial and Other Research Contracts

   a. Illuminating Engineering Research Institute, New York, New York,
      Studies of the Illuminating Requirements for Roadway Visual Tasks
      (to be known as Project No. 872 - Sup. #14 - Institute for Research
      in Vision).
      Gross Value - $5,000.00.

   b. Illuminating Engineering Research Institute, New York, New York,
      Studies of Visual Performance and Illumination (to be known as
      Project No. 885 - Ext. #14 - Department of Biophysics).
      Gross Value - $21,400.00.

   c. Illuminating Engineering Research Institute, New York, New York,
      Studies of Visual Performance and Illumination (to be known as
      Project No. 885-A Ext. #5 - Institute for Research in Vision).
      Gross Value - $15,500.00.

      of the Effects of Sulfur Dioxide on Human Subjects (to be known as
      Project No. 2987 - Sponsor Ltr. Dtd. 12/15/71 - Department of
      Preventive Medicine).
      Gross Value - $108,000.00.

   e. A. Earl Cullum, Jr., and Associates, Consulting Engineers,
      Dallas, Texas, Measurement of Scattering Characteristics of
      Scale Models of Buildings (to be known as Project No. 3305-A1 -
      Sponsor Ltr. Dtd. 11/9/71 - Department of Electrical Engineer-
      ing).
      Gross Value - $2,500.00.

   f. A. Earl Cullum, Jr., and Associates, Consulting Engineers,
      Dallas, Texas, Measurement of Scattering Characteristics of
      Scale Models of Buildings (to be known as Project No. 3305-A1 -
      Sponsor Ltr. Dtd. 12/6/71 - Department of Electrical Engineer-
      ing).
      Gross Value - $7,500.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

3. Industrial and Other Research Contracts (continued)

   g. The Duriron Company, Inc., Post Office Box 1145, Dayton, Ohio, The Ductility of Alloy Castings (to be known as Project No. 3366-Al - New - Department of Metallurgical Engineering). Gross Value - $24,988.00.


   i. Dayton Board of Education, Dayton, Ohio, Program Audit Services for Project EMERGE, Dayton Public Schools (to be known as Project No. 3373-Al New - College of Education). Gross Value - $10,393.00.

TOTAL - Industrial and Other Research Contracts $200,281.00


   b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Study Group (to be known as Project No. 1094-L - Ext. #12 - Department of Medicine). Gross Value - $51,472.00.


   d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #6 - Department of Electrical Engineering). Gross Value - $115,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)

e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-D - Ext. #4 - Department of Medicine).
Gross Value - $230,274.00.

f. Department of Health, Education and Welfare, Public Health Service, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Pathology of Thyrocalcitonin Allied Disease (to be known as Project No. 2766-B - Sup. #1 - Department of Veterinary Pathology).
Gross Value - $7,354.00.

g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Sterechemical Studies (to be known as Project No. 2769-C - Ext. #3 - College of Pharmacy).
Gross Value - $34,440.00.

h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A3 - Ext. #3 - College of Veterinary Medicine).
Gross Value - $72,270.00.

i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspects of Male Reproduction (to be known as Project No. 2866-B - Ext. #2 - Department of Dairy Science).
Gross Value - $139,584.00.

j. National Science Foundation, Washington, D. C., Annual Symposia on Molecular Structure and Spectroscopy (to be known as Project No. 2983 - Sponsor Ltr. Dtd. 12/14/71 - Department of Physics).
Gross Value - $3,300.00.

k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Correlative Postnatal Vestibular Development (to be known as Project No. 2988-B - Ext. #2 - Department of Anatomy).
Gross Value - $12,671.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)

   Gross Value - $19,800.00.

m. National Science Foundation, Washington, D. C., Graph Connectivity (to be known as Project No. 3240-A1 - Sponsor Ltr. Dtd. 12/2/71 - Department of Mathematics).
   Gross Value - $5,000.00.

   Gross Value - $78,721.00.

o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Electrochemistry of Luminescence and Excited States (to be known as Project No. 3359-A1 - New - Department of Chemistry).
   Gross Value - $37,229.00.

   Gross Value - $39,776.00.

q. National Science Foundation, Washington, D. C. Spectrophotometry of Late-Type Stars (to be known as Project No. 3367-A1 - New - Department of Astronomy).
   Gross Value - $32,800.00.

   Gross Value - $9,989.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)

s. National Science Foundation, Washington, D. C., Liquid $^3$He-$^4$He-Mixtures at Low Temperatures (to be known as Project No. 3370-A1 - New - Department of Physics).
   Gross Value - $84,800.00.

   Gross Value - $8,000.00.

u. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-A1 - New - Department of Biochemistry).
   Gross Value - $47,356.00.

v. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-B1 - New - Department of Chemical Engineering).
   Gross Value - $46,037.00.

w. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-C1 - New - Department of Food Science and Nutrition).
   Gross Value - $34,207.00.

TOTAL - Government Research Grants - Federal $1,151,976.00

5. Industrial and Other Research Grants

   Gross Value - $10,000.00.

b. The Deafness Research Foundation, New York, New York, Experimental Infection of the Ear - An Electromicroscopic Observation (to be known as Project No. 3161-A2 - Sponsor Ltr. Dtd. 12/15/71 - Department of Otolaryngology).
   Gross Value - $10,000.00.
February 4, 1972 meeting, Board of Trustees

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

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

5. Industrial and Other Research Grants (continued)

   c. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, An Attempt to Produce Metastasis in Experimentally Produced Carcinoma of the Breast (to be known as Project No. 3357-A1 - New - Department of Pathology).
   Gross Value - $4,000.00.

   d. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Immunotherapy of Lymphoid Leukemia (to be known as Project No. 3362-A1 - New - Department of Microbiology).
   Gross Value - $4,000.00.

   e. American Veterinary Medical Association Foundation, Chicago, Illinois, Development of a Compressing Plating Technique for the Treatment of Long Bone Fractures in Horses (to be known as Project No. 3379-A1 - New - Department of Veterinary Clinical Sciences).
   Gross Value - $2,740.00.

TOTAL - Industrial and Other Research Grants $30,740.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

SUMMARY

(Period: November 16, 1971 - January 13, 1972)

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</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

   EES 406X Field Study of Subgrade Compaction, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $40,000.00.

   EES 407X Implementing Sign Research Results Into Operational Practices, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $30,000.00.

   TOTAL - Government Research Contracts $70,000.00

2. Industrial Research Contracts

   EES 307X Experimental Determination of Combustibility, American Iron and Steel Institute, New York, New York.
   Gross Value - $13,500.00.

   EES 383X Development and Study Program for Heat Losses, Columbus and Southern Ohio Electric Company, Columbus, Ohio.
   Gross Value - $7,000.00.

   TOTAL - Industrial Research Contracts $20,500.00
IV. GRANTS AND GIFTS

SUMMARY
(Period: November, 1971 and December, 1971)

Grants
Office of Finance and Treasurer $1,207,862.16

Gifts
The Ohio State University Development Fund

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The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

- o -

ANNUAL REPORT, 1971

<table>
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Upon motion of Mr. Eckley, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $340,835.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for support of Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through June 30, 1972. (Grant No. 5 G03 RM 00022-02A3)

2. $190,161.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05409-11)

3. $143,008.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Comparative Pathology - Training Grant, under the direction of the Department of Veterinary Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01052-10)

4. $94,000.00 granted by Ohio Board of Regents, Columbus, Ohio, to the University for support of An Urban Extension Program for Central Ohio, under the direction of the Division of Continuing Education. This grant is made under Title I of the Higher Education Act of 1965.

5. $90,423.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1972. (Grant GW-6970, Proposal No. 2/0236)

6. $54,963.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Geology for Secondary School Teachers, under the direction of the Department of Geology. This grant expires September 30, 1972. (Grant GW-6910, Proposal No. 2/0098)

7. $51,294.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Environmental Sciences for Secondary School Teachers, under the direction of the College of Education. This grant expires June 30, 1973. (Grant GW-7021, Proposal No. 2/1063)

8. $45,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05607-06)
February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. $42,769.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1972 through December 31, 1972. (Grant No. 1 S01 RR05742-01)

10. $38,880.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for support of Emergency Certification Program for Prospective Teachers of Industrial Arts Education, under the direction of the College of Education, for the period January 1, 1972 through August 31, 1972.

11. $31,378.00 granted by National Science Foundation, Washington, D. C., to the University for support of Cooperative College-School Science Program, under the direction of the College of Education. This grant terminates June 30, 1973. (Grant GW-7158, Proposal No. 2/1631)

12. $28,247.00 granted by National Science Foundation, Washington, D. C., to the University for support of Cooperative College-School Science Program, under the direction of the College of Education. This grant terminates June 30, 1973. (Grant GW-7148, Proposal No. 2/1726)

13. $18,263.16 granted by 2750th ABW/PMA, Prime Procurement Branch, Building 2, Area C, Wright Patterson Air Force Base, Ohio, to the University for support of instructional program in the area of Geodetic Science for Air Force personnel. (Contract No. F 33600-72-C-0269)

14. $15,695.00 granted by National Science Foundation, Washington, D. C., to the University for support of Short Course on Junior High School Science Programs for Principals and Curriculum Supervisors, under the direction of the College of Education. This grant will terminate on September 30, 1972. (Grant GW-7306, Proposal No. 2/2163)

15. $10,813.00 additional grant by United States Department of Justice Law Enforcement Assistance Administration, Washington, D. C., to the University for support of Law Enforcement Education Program, for the period July 1, 1971 through June 30, 1972. (Transaction No. 003090-2-72-2-1)

16. $6,067.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Cardiology - Training Grant, under the direction of the Department of Medicine, for the period November 1, 1971 through June 30, 1972. (Grant No. 3 T01 HE05786-05S1)
February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

17. $2,000.00 granted by Department of Interior, Office of Saline Water, Washington, D. C., to the University for participant's attendance at an International Conference on Localized Corrosion, under the direction of the Department of Metallurgical Engineering, for the period December 6, 1971 through December 10, 1971. (Grant No. 14-30-2996)

18. $2,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for U. S. Loan Program for Cuban Students, under the direction of the Office for Student Financial Aids, for the Winter Quarter. (Vendor No. 003090)

19. $1,891.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Cardiology - Training Grant, under the direction of the Department of Medicine, for the period November 1, 1971 through June 30, 1972. (Grant No. 3 T01 HE05546-11S1)

B. The Ohio State University Development Fund

1. $64,934.34 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

2. $60,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism.

3. $28,000.00 from the Camille and Henry Dreyfus Foundation, Inc., New York, New York, for use of the Department of Chemistry for the development of new educational programs.

4. $27,700.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

5. $22,954.16 from the Trust under the Will of Henry T. Ritter, Toledo, Ohio, for the establishment of the Henry T. Ritter Fund.

Henry T. Ritter Fund

The Henry T. Ritter Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with a bequest from Henry T. Ritter, late of Toledo, Ohio.

The bequest and all additional gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

5. Henry T. Ritter Fund (continued)

The annual income is to be used by the College of Agriculture and Home Economics for the advancement of horticulture insofar as it relates to the study of pot plants, through research, scholarships, and such other means as may be deemed practical and appropriate. The principal may be invaded and used if necessary or required.

6. $20,415.00 from Bell Telephone Laboratories, Columbus, Ohio, for the Bell Telephone Laboratories Research Fund in the College of Engineering.

7. $20,000.00 from an anonymous donor for the Novice G. Fawcett Professorship in Educational Administration.

8. $20,000.00 from the C. R. Porthouse Charitable Trust and the Porthouse Foundation Income Account, Ravenna, Ohio, for the Joseph Koffolt Scholarship Award in Chemical Engineering.

9. $19,111.37 from the Glenna R. Joyce Trust Scholarship Fund, Columbus, Ohio, for scholarships.

10. $16,000.00 from the Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for scholarships.

11. $14,200.00 from General Motors Corporation, Detroit, Michigan, for the General Motors Scholarship Fund.

12. $13,800.00 from the Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.

13. $12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Battelle Professorship in Theoretical Chemistry.

14. $10,934.00 from Children's Hospital - Dispatch Charities - Pro-Am Championship, Columbus, Ohio, for the Robert K. Barton Memorial Fund for the College of Law.

15. $10,000.00 from Craig Corporation of Delaware, Inc., Newark, Ohio--$5,000.00 for the College of Dentistry and $5,000.00 for scholarships for students attending the Newark Campus.

16. $10,000.00 from G. D. Searle & Company, Chicago, Illinois, for research in the College of Medicine.

17. $10,000.00 from National/Ohio 4-H Foundation Campaign for its endowment fund.

18. $10,000.00 from Parke, Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.
B. The Ohio State University Development Fund (continued)

19. $10,000.00 from Sunshine Charities, Inc., Lakewood, Ohio, for the establishment of The H. T. Bradner Fund for the College of Law.

The H. T. Bradner Fund for the College of Law

The H. T. Bradner Fund for the College of Law was established February 4, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Sunshine Charities, Inc., of Cleveland, Ohio, made in memory of H. T. Bradner.

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

The income is to be used for the benefit of the College of Law, as determined by the Dean of said College, subject to established University procedures.

In the event that said College of Law as it now exists should be altered in any reorganization of the University, Colleges, Schools, and Departments, the Board of Trustees or successor governing body of the University shall direct the use of income within the field of Law as stipulated above, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

20. $9,985.75 from Mr. Carlyle M. Baker, Columbus, Ohio, as an undesignated gift to the University.

21. $9,400.00 from Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for infectious disease research.

22. $9,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the Center for Tomorrow Fund.

23. $9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.

24. $7,693.75 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, for the College of Medicine.

25. $6,000.00 from the Estate of Arene T. Wray, Los Angeles, California, to establish a fellowship fund in the College of Optometry.

26. $5,400.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

27. $5,375.94 from the Estate of Dorothy Dye Henry, Columbus, Ohio, for the College of Veterinary Medicine.

28. $5,243.75 from Miss Mary Lou Johnson, Kenton, Ohio, for the Ophthalmologic Center Fund.

29. $5,075.00 from John D. Drinko, Cleveland, Ohio--$4,000.00 for the College of Law Emergency Fund and $1,075.00 to establish an endowed fund in the College of Law.

30. $5,075.00 from Mrs. Ethel B. Peterson, Cleveland, Ohio, for a project to be designated at a later date.

31. $5,050.00 from Mr. J. S. Reid, Cleveland, Ohio, for the College of Medicine.

32. $5,022.00 from African American Institute, New York, New York, for the African American Fellowship Fund.

33. $5,000.00 from Mr. Ervin G. Bailey, Easton, Pennsylvania, for the College of Engineering.

34. $5,000.00 from Buckeye International Foundation, Columbus, Ohio, for the establishment of the Helen Reese Heimberger and William W. Heimberger Memorial Fund.

Helen Reese Heimberger and William W. Heimberger Memorial Fund

The Helen Reese Heimberger and William W. Heimberger Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends and colleagues of Helen Reese Heimberger, B. A. '16, and William W. Heimberger, B.E.M. '16, husband and wife, late of Columbus.

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

The annual income is to be used for the College of Engineering. At the request of Mr. and Mrs. Heimberger's family, preference in the use of the annual income is to be given to the College of Engineering's Department of Metallurgical Engineering.

Should the College of Engineering or the Department of Metallurgical Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering education.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

35. $5,000.00 from the Clow Foundation, Chicago, Illinois, for research in the College of Medicine.

36. $5,000.00 from Esso Education Foundation, New York, New York, for its fellowship in Chemical Engineering.

37. $5,000.00 from Mr. Ralph Hefner, Jr., and the Hefner Construction Company, Celina, Ohio, for a project to be designated at a later date.

38. $5,000.00 from Dr. James W. Keller, Springfield, Ohio, for research in the Department of Surgery.

39. $5,000.00 from Mrs. H. Richard P. Niehoff, Columbus, Ohio, for blood research in the College of Medicine.

40. $5,000.00 from Pharmacia Laboratories, Piscataway, New Jersey, for gastroenterology research.

41. $5,000.00 from Robert B. Smith, Balboa Island, California, for the Alpheus W. Smith Lectureship Fund.

42. $5,000.00 from Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois--$3,000.00 for distinguished teachers' awards and $2,000.00 as an unrestricted gift to the University.

43. $4,700.00 from the family, friends, and former students of Ernest R. Biggs for the establishment of The Ernest R. Biggs Memorial Fund.

The Ernest R. Biggs Memorial Fund

The Ernest R. Biggs Memorial Fund was established February 4, 1972, by the Board of Trustees of the Ohio State University with gifts through the Ohio State University Development Fund from the family, friends, and former students of Ernest R. Biggs, B.S. Ed. '39, M.A. '41, Athletic Trainer at the University from 1942 to 1971, late of Columbus, Ohio.

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

The annual income is to be used for scholarships to students enrolled in the School of Health, Physical Education and Recreation and who have declared an intention to major in athletic training, a series of courses presently known as the Care and Prevention of Athletic Injuries. Recommendations are to be made by the Director of the School of Health, Physical Education and Recreation; awards are to be made by the University's Scholarship Committee.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

43. The Ernest R. Biggs Memorial Fund (continued)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Health, Physical Education and Recreation or the Scholarship Committee cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the education of athletic trainers.

44. $2,645.00 from the family, faculty colleagues, former students, and friends of Dr. Foster Rhea Dulles for the establishment of the Foster Rhea Dulles Memorial Fund.

Foster Rhea Dulles Memorial Fund

The Foster Rhea Dulles Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, faculty colleagues, former students, and friends of Dr. Foster Rhea Dulles, a distinguished Professor of History at the University from 1941 until his retirement in 1965, who also served as Chairman of the Department from 1953 until 1958, late of Columbus, Ohio.

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

The annual income is to be used to advance teaching and research in American History, particularly in the history of the United States in the twentieth century, the area in which Professor Dulles made his major contribution as teacher and scholar. The specific uses may include, but are not limited to, scholarships, awards, research assistance and library acquisitions. Determination upon the use of the income is to be made by the Chairman of the Department of History in consultation with his faculty and upon approval of the Dean of the College of Humanities.

Should the Department of History or the College of Humanities cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for teaching American History.
On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Mansfield Technical Building

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$871,235.00</td>
<td>$870,349.76</td>
<td>($ 885.24)</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during the process of construction.

The credit on this project will be reflected in Item 315-060.

B. Pomerene Hall--Women's Swimming Pool and Ceiling and Lighting Improvements

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 22,140.00</td>
<td>$ 24,637.00</td>
<td>$2,497.00</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during the process of construction.

Funds for these changes have been provided by Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:
February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

A. Airport Development--1971

This project will provide improvements to the airport facilities including extension of Runway 9R-27L, development of parallel training runway, new and resurfaced taxiways, additional aircraft parking areas, improved lighting, and connection for new State and National Guard hangars with the existing runway and taxiway complex.

Funds for this project will be provided in Budget Account 801249 contingent upon receipt of Federal Grant.

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

B. Ohio Stadium, Intramural and Recreational Lighting System

This project will provide a floodlighting system capable of providing a light level on the football field and track facilities necessary for night intramural and recreational activities.

Funds for this project have been provided from Budget Account 999000 (Athletic Reserve) and transferred to Budget Account 801256 (Ohio Stadium Lighting).

C. Completion of Third Floor - Center for Tomorrow

This project entails the completion of the third floor which was not completed under the original building contract.

Funds for this project have been provided from private contributions.

D. Airport Building--Hangars No. 1, No. 2, and No. 3, Repair to Roof (3160 Case Road)

This project involves the removal and replacement of approximately 275 squares of roof and valleys on the three hangar roofs.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).
VI. PLANS AND SPECIFICATIONS (continued)

E. Biological Sciences Building--Air Conditioning
   Rooms 116, 120, 127, and 129

   This project involves the installation of a ten-ton air conditioning system capable of serving Rooms 116, 120, 127, and 129. This system shall be separate from the building central air conditioning system.

   Funds for this project have been provided from Budget Account 801137 (Biological Sciences Building).

F. Electrical System Repairs 1972--(Brown Hall, Hagerty Hall, Page Hall)

   This project involves the installation of new service switchboards and panelboards with associated wiring necessary to serve the load requirements of the buildings.

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

G. Means Hall, Roof Repairs 1972

   This project involves the installation of insulation and replacement of approximately 200 squares of roofing.

   Funds for this project have been provided from Budget Account 801255 (Means Hall Roof).

H. Optometry Building, Improvements to Air Conditioning

   This project will improve the environmental control for the building by increasing the heating and air handling capability of the central air handling system.

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

I. Roadway Repairs 1972--Roads South of Agricultural Administration Building

   This project involves repair of the roadway parallel to the south side of the Agricultural Administration Building and Stadium Drive from the bridge to the intersection of Coffey Road. This repair is necessary because of the constant wear by large buses.

   Funds for this project have been provided from Budget Account 124358 (Contract Repair).
February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

J. University Hospital, Renovation of 11th Floor West

This project will modernize the infectious disease area to conform to community standards and update services to comply with most recent medical practice.

Funds for this project have been provided from Budget Account 801257 (Air Condition and Remodel 11th Floor West).

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

VII. REPORT OF AWARD OF CONTRACTS

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

A. Natatorium--Roof Repairs 1971 - 321 West 17th Avenue

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4 bids received 12-3-71)</td>
<td>Superior Roofing Company (Columbus)</td>
<td>$45,555.00</td>
</tr>
</tbody>
</table>

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

B. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(6 bids received 2-1-72)</td>
<td>Waller &amp; Lund, Inc. (Columbus)</td>
<td>$4,970.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plumbing Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(6 bids received 2-1-72)</td>
<td>Julian Speer Company (Columbus)</td>
<td>$9,960.00</td>
</tr>
</tbody>
</table>
February 4, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B (continued)

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating, Ventilating and Air Conditioning Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7 bids received 2-1-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Julian Speer Company (Columbus)</td>
<td>$20,220.00</td>
<td>$36,365.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(9 bids received 2-1-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric Power &amp; Equipment Co. (Columbus)</td>
<td>$8,726.00</td>
<td>$14,821.00</td>
</tr>
<tr>
<td>Total All Contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$43,876.00</td>
<td>$89,263.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 801183 (Goss Laboratory Remodeling).

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

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

1 Approves the release of $795,334.00 from Item 366-001 "Agricultural Technical Institute, The Ohio State University, Wooster," H. B. 988, to provide funds for equipment and contingencies to complete the project.

2 Approves the release of $60,546.00 from Item 315-067 "University College, Phase III," H. B. 988, to provide funds to continue with planning on the project.

3 Approves the release of $561,319.00 from Item 315-068 "College of Agriculture: Land, Barns and Teaching Facilities," H. B. 988, to provide funds for equipment and contingencies for the project "Animal Science Livestock Center." Also approves the award of three extra orders each in excess of $10,000.00 without competitive bidding.

4 Approves the release of $15,886.00 from Item 315-071 "College of Optometry Clinical Facilities," H. B. 988, to provide funds to continue with planning on the project.

5 Approves the release of $39,556.00 from Item 315-064 "Journalism Building Expansion," H. B. 988, to provide funds to continue with planning on the project.
February 4, 1972 meeting, Board of Trustees

VIII. CONTROLLING BOARD REQUESTS (continued)

6 Approves the release of $39,633.00 from Item 315-077 "Clinical Medical Sciences Education Facility," H. B. 988, to provide funds to continue with planning on the project.

7 Approves the release of $51,268.00 from Item 315-074 "Utilities and Renovation," H. B. 988, to provide funds to continue with the various utility and renovation projects.

8 Approves the release of $10,000.00 from Item 315-078 "University Hall Complex," H. B. 988, to provide funds to continue with planning on the project.

9 Approves the release of $44,258.25 from Item 315-078 "University Hall Complex," H. B. 988, to provide funds to reimburse the University for the demolition of the old University Hall.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Airport Development - 1971. Employment of Engineer

The Board of Trustees has authorized Novice G. Fawcett, President of The Ohio State University, to submit application for grant funds for airport development under the Federal Aviation Administration Federal Aid Program Airport Development.

The Board of Trustees has further authorized Bernard J. Lachner, Vice President for Administrative Operations, to employ an engineer to develop schematic plans which are required for such an application.

The George W. Raike, Inc., Consulting Engineers, Ashland, Ohio, have been hired and have completed said schematic plans with accompanying preliminary drawings and detailed cost estimates.

The said application for aid has been submitted and has progressed satisfactorily through all processing steps and Federal sources assure that award of tentative grant agreement is imminent.

President Fawcett recommended that the Board of Trustees authorize and direct the Vice President for Administrative Operations, contingent upon receipt of said tentative grant, to proceed in the normal University manner to employ George W. Raike, Inc., to complete topographic surveys, finalize engineering design, prepare bidding documents, and provide resident supervision and inspection services.
IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Airport Development - 1971, Employment of Engineer (continued)

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works and funds for this project will be provided in Budget Account 801249 (Airport Development) upon receipt of Federal Grant.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote. This action is contingent on receipt of said tentative grant.

B. Demolition of Farm Buildings

The structures requested for demolition were as follows:

- Artillery Barn, 2170 Olentangy River Road
- Artillery Cottage Garage and Shop, 2150 Olentangy River Road
- Beef Cattle Barn, 2027 Plumb Hall Court
- Dairy Cattle Barn, 1973 Plumb Hall Court
- Hog Barn, 2003 Plumb Hall Court
- Sheep Barn, 2053 Plumb Hall Court
- Quonset Huts (two) north of Artillery Barn, 2170 Olentangy River Road

As a result of the completion of the new Animal Science Livestock Centers, scheduled for construction completion, March, 1972, the above-named structures were recommended for demolition by the Vice President for Administrative Operations.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Administrative Operations at a total cost of $47,000.00. Funds are available in Budget Account 124358 (Contract Repair).

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

C. Sale of Property

The Industrial Nucleonics Corporation, whose corporate offices and principal facilities border The Ohio State University land, has requested an opportunity to purchase at fair market value a 15.922-acre tract of University property on the south side of Ackerman Road adjacent to their facilities. In initiating this request the President of this corporation informed the University that Industrial Nucleonics Corporation has lost land planned for future expansion to the Olentangy Freeway project which would preclude the further development of this Corporation and eventually necessitate relocation of the corporate headquarters unless other land could be obtained.
The University is willing to consider the sale of this parcel of land at this time because of the need for additional financial resources to support the University's land acquisition program on the south edge of the main campus in conformity with the University Master Plan. Further, the University Master Plan has designated the parcel of land which Industrial Nucleonics is desirous of purchasing to remain undeveloped. A further consideration is the desire on the part of the University to continue a mutually beneficial relationship which this University and Industrial Nucleonics have and continue to enjoy.

Accordingly, representatives of the Industrial Nucleonics Corporation and The Ohio State University were asked to develop mutually agreeable conditions of sale including land usage restrictions so as to assure a full realization of the worth of this parcel of property by the University but at the same time assuring usage compatible with the immediately adjacent University activities.

President Fawcett recommended, subject to the approval of the Ohio General Assembly and the land use restrictions and all other general understandings mutually developed by the representatives of The Ohio State University and the Industrial Nucleonics Corporation, that a 15.922-acre parcel of University land on Ackerman Road adjacent to the Industrial Nucleonics facility be approved for sale to the Industrial Nucleonics Corporation for the sum of $775,000, which is the highest of three MAI appraisals recently obtained.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the sale of property by roll call vote with Messrs. Shocknessy, Dunlap, Eckley, Harrod, Dorsey, Gushman, and Dr. Sirak casting affirmative votes and Mr. Hilliker casting a negative vote.

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Clarence Gratton Kemp, Professor in the College of Education; John M. Montz, Associate Professor Emeritus in the Department of Civil Engineering; Christine Newark, Professor Emeritus in the School of Home Economics; and Harry L. Strobel, Assistant Director of the Division of Recreation and Intramurals and Assistant Professor in the School of Health, Physical Education, and Recreation. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.
A. Clarence Gratton Kemp

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 4, 1972, of Clarence Gratton Kemp, Professor in the College of Education.

Dr. Kemp was born June 15, 1905, in Lakefield, Ontario, Canada. He was graduated from the University of Toronto with a Bachelor of Arts degree in 1942. He received the Bachelor of Divinity degree from Union Theological Seminary, New York, in 1946. He received his Master of Arts and Doctor of Education degrees from Columbia University in 1947 and 1949 respectively. He received the Doctor of Philosophy degree from Michigan State University in 1957. He began his career in education in 1927 in Scarboro Bluffs Elementary Schools, Toronto, Canada. From 1931 to 1939, he was a teacher and assistant principal in Birch Cliff Heights High School, Toronto, Canada.

Dr. Kemp began his college teaching at Missouri Valley College in 1949. He was initially interested in human relations and was instrumental in promoting research pertaining to "open and closed mindedness." His scholarly work evolved into study, research, and authorship as it relates to the group process in counselor education. His applications encompassed schools, community agencies, and church settings.

Dr. Kemp was active in numerous organizations. He was a participant as lecturer and panel member in professional meetings of the American Psychological Association, American Personnel and Guidance Association, and American Educational Research Association. He was a Fellow in the American Association for the Advancement of Science.

Dr. Kemp continued his ministerial activities throughout his career in education. He was an active member of the Central Southeast Ohio Association, United Church of Christ.

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

B. John M. Montz

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 27, 1971, of John M. Montz, Associate Professor Emeritus in the Department of Civil Engineering.

Professor Montz was born in Frederick, Maryland, on October 10, 1885. His family moved to Virginia where he received his secondary schooling. He received the Bachelor of Science degree from Brown University in 1911.
X. RESOLUTIONS IN MEMORIAM (continued)

B. John M. Montz (continued)

Professor Montz served with an engineering detachment in World War I, entering the Army as a private and leaving with the rank of captain.

Following his return to civilian life, he held various engineering positions with the Baltimore and Ohio Railroad before joining The Ohio State University faculty in 1922. At the University he taught courses in surveying and structural design, and for a number of years he also held a part-time position as design engineer with the Bureau of Bridges of the Ohio Department of Highways.

About 1940 he formed a partnership with a colleague, Oscar Marshall, for the purpose of making land surveys in the Columbus area.

Professor Montz was a member of the National Society of Professional Engineers, American Society for Engineering Education, American Railway Engineers Association, and American Society of Civil Engineers, serving at one time as president of the Central Ohio Local Section of the latter.

Professor Montz co-authored a text entitled, Elements of Topographic Drawing, which enjoyed considerable popularity. His writings also included a number of articles on the structural uses of timber.

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

C. Christine Newark

The Board of Trustees expresses its sorrow at the death on December 26, 1971, of Christine Newark, Professor Emeritus in the School of Home Economics.

Dr. Christine Newark was born in Charlotte, Michigan, on February 14, 1909. She received her baccalaureate degree at Michigan State University in 1930. In 1937 she received the M.A. degree from Columbia University. Her Ph.D. degree was received from Iowa State College in 1945.

Dr. Newark taught home economics for eight years at vocational high schools in Michigan. She served as Instructor and then Assistant Professor in Home Economics at Oklahoma A & M College, Stillwater, Oklahoma, from 1938 to 1941, teaching home management. She was a Graduate Assistant and faculty member at Iowa State University School of Home Economics from 1941 to 1945.
February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Christine Newark (continued)

Professor Newark was appointed to the faculty of the School of Home Economics at The Ohio State University in 1945 and served until her retirement in 1967. She pioneered in the teaching of consumer and family economics. Dr. Newark served as Chairman of the Division of Management and Family Economics in the School from 1946 to 1962. She served as national treasurer of Omicron Nu, home economics honorary, was a member of Phi Kappa Phi, and was listed in Who's Who of American Women.

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

D. Harry L. Strobel

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 28, 1971, of Harry L. Strobel, Assistant Director of the Division of Recreation and Intramurals and Assistant Professor in the School of Health, Physical Education, and Recreation.

Prior to joining the Intramurals Division, Mr. Strobel was a member of the football coaching staff, having joined it in 1949. An Assistant Professor in the School of Health, Physical Education, and Recreation, Mr. Strobel served as freshman football and basketball coach in 1950-51 when he was moved to the varsity staff of Head Coach Woody Hayes.

Mr. Strobel's coaching career began at Brilliant, near Steubenville, where he coached football, basketball, and baseball for three years. Succeeding assignments took him to North Canton for a year, Louisville for a year, Orrville for five years, and Barberton for two seasons.

Mr. Strobel's Orrville football teams were undefeated in both 1939 and 1940. He held the distinction of winning state championships in both football and basketball, the former at Barberton in 1948 and basketball at Bellevue in 1945.

Mr. Strobel was born in Massillon, Ohio. He was graduated from high school in 1927 and entered Miami University where he was graduated in 1932 with a degree in education.

Mr. Strobel coached two all-American football players at Ohio State in successive years. Guard Jim Parker won all-American honors in 1955 and 1956 and Aurelius Thomas, another Strobel pupil, won similar honors in 1957.
X. RESOLUTIONS IN MEMORIAM (continued)

D. Harry L. Strobel (continued)

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

XI. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman, Chairman of the Retirement and Insurance Committee, presented the following report and recommendations:

At the Board meeting on October 1, 1971, the Board of Trustees, upon the recommendation of the Retirement and Insurance Committee, awarded a contract to Alexander & Alexander, insurance consultants, for the purpose of making "a comprehensive study of the University's total insurance program."

This past month the insurance consultants submitted their report to this committee which in turn made this information available to the administration of the University. A meeting was subsequently held with representatives of the University and Alexander & Alexander for the purpose of discussing the specific recommendations and findings contained in the report. Based upon the report and this meeting, the University has now responded to each of the recommendations and findings and the report as well as the University's response has been made available to the members of this Board.

In brief, the insurance consultants divided their review into three general categories:

1. Employee Benefit Program

Included in the recommendation in the area of employee benefits was the suggestion that the University should consider supplementing the existing state policy on sick leave and long-term disability benefits, and improvements in the University health programs, specifically major medical coverage and Blue Cross and Blue Shield coverages, including improvements in the deductible features. At the same time it was suggested that the University might wish to consider the development of personal group benefit programs as an additional employee benefit. A specific suggestion which your committee will request action on at the end of this report relates to the transfer of dividend accumulation funds presently held by John Hancock on behalf of the University to the University's investment portfolio. And finally, it was suggested that this University should undertake a more effective program in communicating to its employees the benefits presently available to them.
A. Report from the Retirement and Insurance Committee (continued)

2. Student Health Insurance

Alexander & Alexander suggested that the existing student health insurance program of this University was one of the better ones available for the purpose and suggested that the development of any future contracts should be initiated between the user group, in this case represented by the Council on Student Affairs, and the various carriers starting October, 1972. In making recommendations to the administration of this University, it was suggested that the University continue to provide administrative support in the implementation of the student health insurance program.

3. General Insurance Coverages

In addition to a number of general recommendations, a fundamental question was raised in this category as to the extent of this University's liability as opposed to the self-insurance policy of the State of Ohio and the funds available for this purpose in the State Emergency Fund. It was suggested that the University might wish to consider a policy of insuring a number of its major facilities for the difference between the replacement value and the funds that might be provided through the State Emergency Fund in case of a major disaster. The University administration has agreed to review this matter in specifics and to bring back to this committee its analysis and recommendations for consideration and subsequent action. At the same time, upon the recommendation of the insurance consultants, the University has agreed to step up its program of facility review and modification where feasible to minimize risks as a supplemental measure to its insurance programs.

As Chairman of the Committee, and on behalf of the other Committee members, Mr. Dorsey and Dr. Sirak, Mr. Gushman presented the following recommendations:

1. That the report of the insurance consultants, Alexander & Alexander, be received by this Board and that the voucher submitted in the amount of $12,500 be authorized for payment.
XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

2. That the University's response to these recommendations be received by the Board and that the administration be requested to make a comprehensive analysis of these recommendations in the specific areas where indicated in the University's response, and report to the committee with appropriate recommendations for the committee's consideration and action.

3. That the University Treasurer be authorized to withdraw the funds from the dividend accumulation fund presently being held by the John Hancock Company on behalf of the University with the exception of those monies required for the claim stabilization reserve account. Further to invest this sum through the University's investment portfolio for the purpose of increasing the earnings through investment accumulation and expense savings and continued support of employee and the University insurance programs.

4. That any and all previous designations of insurance consultants made by the Board of Trustees be revoked and that the administration of the University be directed to make such designations in the future.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated February 3, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Friday, March 3, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton  James W. Shocknessy
Secretary          Chairman
APPENDIX V

Revision of Rules 29.2725 and 51.03, the Deletion of Section 4 of Rule 45.03 and Rule 51.05, and the Addition of Rule 29.2726 to Rules for the University Faculty

Approved by Faculty Council
November 9, 1971
December 15, 1971

Adopted by Board of Trustees February 4, 1972
(See page 378)
Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty

The Faculty Council on November 9, 1971, approved a revision of Rule 29.2725 and the addition of a new Rule 29.2726 of Rules for the University Faculty. The text of the Rules is as follows:

29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall recommend to the President, subject to the approval of the Board of Trustees, a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as Chief Hearing Officer, whose duties shall include:

(a) Assisting the Council on Student Affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the Report and Recommendations of the University Committee on Rights and Responsibilities (The Ohio State University, September 15, 1968);

(b) Selecting Hearing Officers as needed from the approved list;

(c) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;

(d) Forwarding completed cases to the Vice President for Administrative Operations for administrative implementation in accordance with their final determination by the Chief Hearing Officer;

(e) Hearing on appeal student disciplinary cases, not including University actions relating to academic failure or violations of a code of professional ethics or of an honor code of those colleges or academic units having such codes, where an appeal is taken by any student from any such action by his College, University Committee, or other properly authorized University adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.

Section 2. That an array of Hearing Panelists, large enough to allow at least three panels, shall be selected by lot consisting of:

(a) Faculty members,

(b) Undergraduate students,

(c) Graduate and professional students, and

(d) Administrative staff members.

Any person selected to serve as Hearing Panelist may be exempted from such service if he declines.
Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty (continued)

29.2725. Hearing Officers and Panels. (continued)

The Chief Hearing Officer shall, by lot, select from the array Hearing Panels, each composed of two faculty members, two undergraduate students, one graduate or professional student, and one administrative staff member. The Hearing Panels shall have original jurisdiction to hear cases of alleged student violation of Rule 51.03 brought before it by authorized University officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.

The University and the Defendant shall have the right to challenge for cause. The Hearing Officer shall hear challenges for cause.

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29.2726. Pending Criminal Law Suit.

Section 1. Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by University rules, the University shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the University may bring the student before a Hearing Officer and Panel to find whether he poses such a danger. If the Panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the Hearing Officer may specify (except that the student may not be deprived of University scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the Hearing Officer shall, on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a Hearing Officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the University pending a full hearing.

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On December 15, 1971, the Faculty Council approved a revision of Rule 51.03 and the deletion of Section 4 of Rule 45.03 and Rule 51.05. The text of Rule 45.03 and Rule 51.03 as revised is as follows:

45.03. Group Absences.

Section 1. Whenever possible, group absences shall be planned so that they do not conflict with regularly scheduled classes.

Section 2. Group absences which are a necessary part of a class scheduled in the University must be authorized by the Chairman of the Department or Director of the School in which the class is scheduled. Group absences which are a necessary part of a non-class function of the University must be authorized by the Office of the Dean of Students who coordinates all student activities. In the latter instance, the person authorizing the absence shall file in the Office of the Dean of Students, a letter containing (1) a list of names of all of the students involved, (2) the dates and times of the absence, and (3) a complete explanation of the purpose of the absence. The person authorizing the absence shall distribute a copy of this letter to each student involved in the group absence.
Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty (continued)

45.03. Group Absences. (continued)

The student may then present his copy of the letter to each instructor of the classes from which the student will be absent. This letter may be the basis of an excuse for an absence from class under the policies provided in Rule 45.01.

Section 3. In all instances of group absences in which women students will be absent from the University before 6:30 A.M. and after 12:00 P.M., the Dean of Students who coordinates student activities should be notified in advance of the names of all women students involved.

51.03. Disruption.

Section 1. No student, faculty, staff, visitor, or other person shall, with an intent to disrupt University authorized activities:

(a) obstruct the lawful movement of any person or persons about the campus, into or out of any University building or facility, or within any University building or facility and fail to desist when so ordered by an authorized University official;

(b) obstruct the movement of vehicular traffic on the streets of the University, and fail to desist when so ordered by an authorized University official;

(c) occupy a University building or facility in such a manner as to prevent others from carrying out University authorized activities and fail to depart when informed by an authorized University official that he is disrupting University authorized activities and must depart;

(d) interfere with the conduct of a class, office, laboratory, or other University authorized activity by shouting, chanting, marching, throwing missiles, or otherwise creating such a disturbance that the authorized activity cannot, in the judgment of an authorized University official, be carried on, and fail to desist when so ordered by an authorized University official;

(e) employ force or violence, or the explicit threat of force or violence, to prevent any person or persons from carrying out University authorized activities;

(f) damage public address systems, television sets, laboratory equipment, computer systems, or other property used for the carrying out of University authorized activities;

(g) solicit any person or persons to violate subsections (a) through (f) of this rule, knowing that there is a clear and present danger that such violations will occur (but a person shall not be charged with soliciting unless a violation of subsections (a) through (f) occurs as a result of his solicitation).
Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty (continued)

51.03. Disruption. (continued)

(h) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott of classes, or other forms of peaceful dissent.

Any student found guilty of the conduct proscribed in subsections (a) through (g) shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to Rule 29.2725.

Non-students charged with the conduct proscribed in subsections (a) through (g) shall be referred to an appropriate authority.

Section 2. Definitions.

(a) The phrase "with an intent to disrupt" shall be taken to mean that a person knows or reasonably should know that his act or acts will have the consequence of preventing others from carrying out University authorized activities.

(b) The phrase "to obstruct" shall be taken to mean making the movement of a person or vehicle from one place to another difficult or impossible; it shall not be taken to mean making that movement inconvenient.

(c) The phrase "University authorized activity" shall be taken to mean any activity that the University conducts, sponsors, or permits to be carried out on the campus or in any University building or facility.

(d) The phrase "an authorized University official" shall be taken to mean any person to whom the University has delegated authority to supervise a building or facility, or any part of a building or facility, or to supervise the movement of people and vehicles on the campus.

(e) The phrase "campus" shall be taken to mean University owned or controlled property.

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APPENDIX VI

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the Deletion of Rule 29.2707 of Rules for the University Faculty

Approved by Faculty Council
December 15, 1971

Adopted by Board of Trustees February 4, 1972
(See page 379)
Revised of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the Deletion of Rule 29.2707

On December 15, 1971, the Faculty Council approved the revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the deletion of Rule 29.2707 of Rules for the University Faculty. The text of the foregoing rules as listed is as follows:


Research Institutes shall be established or abolished by the Board of Trustees upon recommendation of the Graduate Council and Faculty Council. Each Research Institute shall be administered by a Board having such membership and authority as determined by the Graduate Council (see Rule 27.0705) and approved by the Faculty Council and the Board of Trustees.

27.0701. Membership.

There shall be a Graduate Council constituted as follows:

(a) Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School shall be the Chairman of the Graduate Council.

(b) Elected Faculty Members. Forty members of the Graduate Faculty, four elected by the regular members of the Graduate Faculty from each of the ten areas. The individual areas, as below defined, shall be composed of the following Colleges, Schools, and Departments:


4. Biological Sciences: Biochemistry, Biophysics, Botany, Entomology, Genetics, Microbiology, Zoology.


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Revise of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the Deletion of Rule 29.2707 (continued)

27.0701. Membership. (continued)

(7) Humanities: Classics, East Asian Languages and Literatures, English, German, History, Linguistics, Philosophy, Romance Languages and Literatures, Slavic Languages and Literatures.


(9) Professional Biological Sciences: Allied Medical Professions, Anatomy, Anesthesiology, Dentistry, Medical Microbiology, Medicine, Nursing, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Pharmacology, Pharmacy, Physical Medicine, Physiological Chemistry, Physiology, Preventive Medicine, Psychiatry, Radiology, Surgery, Veterinary Anatomy, Veterinary Clinical Sciences, Veterinary Microbiology and Parasitology, Veterinary Pathology, Veterinary Physiology and Pharmacology, Veterinary Preventive Medicine.


(c) Alternate Faculty Members. Each faculty member of the Graduate Council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected faculty members are justifiably absent. When an elected member is off duty or unable to attend a meeting of the Graduate Council he shall notify the Secretary of the Graduate School in advance of the meeting, giving the name of the alternate who will represent him. The alternate shall then have the general powers and privileges in the Graduate Council of the person whom he represents.

The unsuccessful candidates for election shall constitute a panel of alternates in each area, in the order of votes which they received in the election. Service as an alternate does not make the alternate ineligible for election to membership in the Council the following year.

(d) Student Members. Eleven graduate students and one professional student, the latter to serve on the Research Committee, appointed by the President of the Council of Graduate Students with the consent of that body. These members shall serve terms of one year and shall be eligible for at most three consecutive terms. (See Rule 53.0705.)

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27.0701. Membership. (continued)

(e) Alternate Student Members. Each student member of the Graduate Council is expected to attend its meetings regularly but an alternate representative shall be appointed for each student member in order to assure full attendance at meetings when appointed student members are justifiably absent. When a student member is unable to attend a meeting of the Graduate Council, he shall notify the Secretary of the Graduate School in advance of the meeting, giving the name of the alternate who will represent him. The alternate shall then have the general powers and privileges in the Graduate Council of the person whom he represents.

27.0703. Elections.

Section 1. Members shall be elected from each of the ten areas defined in Rule 27.0701 for staggered terms of four years and shall be ineligible for re-election for one year thereafter.

Section 2. Elections shall be administered and supervised by a Graduate Council Elections Committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the Spring Quarter of each year for terms beginning with the following Autumn Quarter.

There shall be a Graduate Council Nominating Committee in each area consisting of the retiring member of the Graduate Council representing that area, as chairman, and the chairman of the graduate committee for each Department in that area, or, in the absence of such a committee, the Department Chairman or his designated representative as members. The committee shall make a minimum of four nominations for its area, including additional nominations received by petition from any six or more members of the Graduate Faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be cast by mail directly to the Graduate Council Elections Committee and shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of the election.

27.0705. Powers and Functions.

The Graduate Council shall be the principal legislative body of the Graduate School and, subject to modification or reversal by the Graduate Faculty, shall have the following powers and functions:
27.0705. Powers and Functions. (continued)

(a) To initiate and to act upon any question affecting the policies of the Graduate School and in connection therewith to make appropriate recommendations on all matters affecting these policies.

(b) To establish rules and regulations for the conduct of the educational facilities of the Graduate School. However, any action which will result in a change of an existing rule or the establishment of a new rule, shall be proposed at one meeting of the Graduate Council and acted upon at a subsequent meeting designated for that purpose.

(c) To approve, modify, or reverse any action taken by the Curriculum Committee, the Executive Committee, the Policy and Standards Committee, or the Research Committee.

(d) To oversee the area representation plan established by Rule 27.0701; more specifically, (1) to make assignments of new departments to existing areas; (2) to review petitions of departments requesting change from one area to another; and (3) to review the entire composition at such intervals as it deems necessary.

(e) To adopt requirements for admission subject to the approval of the Faculty Council and the Board of Trustees.

(f) To submit to the Council on Academic Affairs its recommendations concerning College proposals for the adoption of new courses and curricula involving graduate credit or the alteration or abolition of existing ones.

(g) To adopt and abolish academic degrees administered by the Graduate School subject to the approval of the Council on Academic Affairs, the Faculty Council, President, and the Board of Trustees.

(h) To recommend to the Faculty Council and the Board of Trustees candidates for degrees.

(i) To encourage and stimulate research and scholarly activity, and assist in obtaining support.

(j) To provide a communications channel between faculty and those responsible for obtaining and administering research funds.

(k) To advise on all major research fund allocations, and on all matters of University Planning that affect research.

(l) To ensure that the research needs of the University are adequately represented in the formulation of the University's plans, policies, and budgets.
Revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the Deletion of Rule 29.2707 (continued)

27.0705. Powers and Functions. (continued)

(m) To be responsible, under authority delegated by the Faculty Council, for making recommendations concerning the establishment, affiliation, and abolition of research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies. (See Rule 13.09).

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27.09. Committees.

Section 1. There shall be an Executive Committee, a Curriculum Committee, a Policy and Standards Committee, and a Research Committee, each constituted as follows:

(a) Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School or his designee shall be Chairman of each Committee.

(b) Regular Members. The Graduate Council shall select the members of each Committee from its membership. The manner of selection and the tenure shall be determined by the members of the Graduate Council, except that each of the areas outlined in Rule 27.0701 must be represented by a faculty member on each Committee.

(c) Student Members. There shall be three members of the Executive Committee, the Curriculum Committee, the Policy and Standards Committee, and the Research Committee selected by the Graduate Council from its student membership. One member of the Research Committee shall be a professional student. The manner of selection and the tenure shall be determined by the members of the Graduate Council.

Section 2. The Curriculum Committee shall perform the functions specified in Rule 31.0201.

Section 3. The Executive Committee and the Policy and Standards Committee shall perform the functions assigned to them by the Graduate Council.

Section 4. The Research Committee shall be responsible to the Council for the following:

(a) To become familiar with the research activities carried on by the University faculty and staff and with available and potential sources of research support.

(b) To foster existing research and to stimulate the development of new programs.
27.09. Committees. (continued)

(c) To study and recommend policies with respect to research activities, facilities, personnel, University organization, and plans for future development.

(d) To provide advice and information concerning research activities and available resources and to be available to any faculty member or group to assist in planning and obtaining support for research.

(e) To consult regularly with departmental, college and University officials responsible for fostering research and scholarship. Meetings of the committee with representatives of research interests in each college, with representatives of research agencies in the University, and with others who express an interest in discussing research policies shall be no less frequent than once each academic quarter.

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29.2707. Research Council.

Revoked.

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The Board of Trustees met at its regular monthly meeting on Friday, March 3, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
March 3, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

I want now to take special notice of the attendance here of the members of the Consultative Committee to Advise in the Selection of a President which we familiarly call the Presidential Search Committee. The members of this Committee and the members of our Board "broke bread" together today. That was the first occasion that we all have been together since the Committee was formed. The members of our Board have had occasion to develop great respect, not only for the Committee and its members, but for its monumental work and dedication. After meeting many times, the Committee last December forwarded to this Board a recommended list of names which was highly respected by the Board. At the last meeting I indicated, in behalf of the Board, that the Board wished to have additional names to consider and accordingly the Board had requested the Search Committee to reconvene for this purpose. It is our understanding that the Search Committee was reconvened on February 10 and has subsequently met three times and is today in the process of deliberating.

At the February 10 meeting of the Committee which I convened because Mr. John G. Ketterer, its Chairman, was unable to be present and I thereupon designated Mr. Jacob E. Davis to act as Chairman of the Search Committee for that meeting. At the same meeting, I also designated Mr. Davis to serve as Vice Chairman of the Search Committee until today's meeting of the Board. At the meeting of the Committee on February 23, when Mr. Ketterer was still unable to be present and Mr. Davis was also unable to be present, the Search Committee organized itself and designated Dr. Margaret Mordy to serve as Chairman for that meeting. Accordingly, I shall ask the Board to ratify those three actions.

Now I also wish to mention that since the last meeting, Mr. Ketterer, has advised that for personal reasons he will no longer be able to serve on the Committee. Also since the last meeting, Mr. Jerome Friedman, a member of the Committee, for personal reasons, has submitted his resignation. I want to say that the Board is grateful to Mr. Ketterer for the many years of service to this University of which he is a most distinguished alumnus. We take notice of the service he has given to this University as a member of this Board, and of many University committees, including his most recent service as Chairman of the Presidential Search Committee.
Mr. Shocknessy's statement (continued)

Mr. Friedman was a representative of a constituency and he served it with distinction. Members of the Search Committee who served with him have spoken highly of his service.

On my own motion I shall now ask for the ratification of the appointment of Mr. Davis to serve as Chairman of the Search Committee for the meeting of February 10; the ratification of the three actions which I have just reported to you and which I took on behalf of the Board on February 10, 1972, and which the Committee took on February 23, 1972, as well as the acceptance of the resignation of Mr. Ketterer and of Mr. Jerome Friedman. The motion is seconded by Mr. Safford and the resolution adopted by unanimous roll call vote.

Now it is necessary that we have someone to assume the Chairmanship of the Search Committee to succeed Mr. Ketterer. Fortunately there are many members of that Committee eminently competent to serve in this capacity but because he has been so thoroughly involved in the business of the Committee and because of his special capacity as well as wisdom and diligence, it is hoped that Mr. Davis will serve as Chairman of the Search Committee. Accordingly I move his appointment as Chairman of the Committee and I accept Mr. Safford's second. The motion is adopted by unanimous roll call vote.

At this time I want to restate some considerations which have previously been discussed by this Board. We respect the membership of the Committee and its wisdom, and we expect to be guided by the Committee. It is not now nor has it ever been the intention of this Board unilaterally to seek a President to succeed our distinguished President, but rather it continues to be the desire of this Board to be guided by the choices of the Presidential Search Committee, in spite of the fact that we hear from time to time that the Board may unilaterally interview and consider other persons. The Board has not done that hitherto nor shall the Board do it hereafter so long as its task can be accomplished within the guidelines established by the Board through the Presidential Search Committee. The Presidential Search Committee is diligently at work and we have been assured that the Search Committee will be giving us some further recommendations in due course. We shall give these recommendations our fullest consideration, since it has always been our purpose to select a President from those recommended by the Search Committee. No limitations have been placed
March 3, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

upon the Search Committee. Further, we have heard from time to time that the Search Committee has been instructed not to consider a prospect from one or another possible source. That the Board has not done. The Board has approved the guidelines which the Search Committee established for itself and the Board is entirely satisfied with the conduct of the Search Committee. We have no doubt that the Search Committee will produce a President.

APPEARANCES

A. Mr. Jeffrey Yapalater

Mr. Jerome Friedman had requested time to speak but was unable to appear. Mr. Yapalater requested permission to speak in his place. Mr. Shocknessy assented. Mr. Yapalater then inquired as to the status of the proposal which Professor Julian Markels made at the February Board meeting for a second campus election to select a new President. Mr. Yapalater was informed by the Chairman that the Board was not entertaining the proposal favorably.

Mr. Yapalater then requested that the Community Union activities be housed in the University-owned house located at 206 East 16th Avenue. (This request was in effect denied in a subsequent action by the Board in which the decision was made to sell the house and use the funds in support of scholarships as set forth in the bequest through which the University received the property.)

B. Dr. William E. Hall

Mr. Shocknessy indicated that he had asked Dr. William E. Hall, Director of the School of Journalism, to be present for the meeting for the purpose of calling to his attention the importance of accuracy in the news published in the Lantern. He stated that following the February 4, 1972 meeting he was misquoted in a Lantern article which was subsequently followed by a Letter to the Editor in the Lantern which contained the same misinformation. The error was subsequently retracted and a correction published. Dr. Hall indicated that the Lantern is happy to correct errors which are called to the attention of the staff.

MINNESOTA INCIDENT

Mr. Shocknessy stated that he personally would hope there would be a re-examination of the structure of the Western Conference as a result of the January 25 basketball incident at the University of Minnesota.
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of New Program Leading to Bachelor of Science in Natural Resources Degree

The Faculty Council on February 8, 1972, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the request for a program leading to the Bachelor of Science in Natural Resources degree in the College of Agriculture and Home Economics, effective July 1, 1972.

The School of Natural Resources was established in 1968, developing out of a Natural Resources Institute and a previous interdepartmental conservation curriculum in the College of Agriculture and Home Economics. The School offers professionally oriented education programs leading to employment in the broad field of natural resources management with a primary objective of developing personnel qualified to perform in managerial, research, and educational roles in natural resources. The need for greater visibility is indicated by enrollment increases, student requests, and employment opportunities.

President Fawcett recommended that the program leading to a degree Bachelor of Science in Natural Resources be approved and that pursuant to Section 3333.04 of the Revised Code of Ohio that this recommendation be forwarded to the Ohio Board of Regents for approval.

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

B. Combining of the Department of Geology and the Department of Mineralogy Into a Department of Geology and Mineralogy

The Faculty Council on February 8, 1972, upon the recommendation of the Council on Academic Affairs, approved the merger of the Department of Mineralogy presently located in the College of Engineering and the Department of Geology which is a part of the College of Mathematics and Physical Sciences into the Department of Geology and Mineralogy, effective July 1, 1972.

The College of Mathematics and Physical Sciences and the Council on Academic Affairs accept the present curricula of the Department of Geology and the Department of Mineralogy for inclusion in the curriculum of the combined Department.

The new Department will continue to offer those courses, now given in the Department of Mineralogy, which are required or recommended in the undergraduate and graduate programs of other departments in the College of Engineering.
March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Combining of the Department of Geology and the Department of Mineralogy Into a Department of Geology and Mineralogy (continued)

President Fawcett recommended that the foregoing recommendation from the Faculty Council be approved.

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

C. Honorary Degree

The Faculty Council on February 8, 1972 recommended that the honorary degree of Doctor of Humane Letters be conferred on Howard Hanson at an appropriate future Commencement mutually agreeable to the University and the recipient.

President Fawcett recommended that the Board of Trustees approve the awarding of the above-named degree as approved by the Faculty Council.

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

D. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 17, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 471.)

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

E. The Faculty Club

The Faculty Club's Board of Control and the Administration of this University propose that $25,000 in non-appropriated funds be provided in order to compensate the Faculty Club against the $90,750 contributed by the Club to build the Faculty Assembly Building should that facility ever be put to any other use.

President Fawcett recommended that the Board of Trustees approve $25,000 from Account 152550, Equipment and Space Rental, to be made available to the Faculty Club subject to the foregoing agreement.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.
March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Clarification of Fees for Part-Time Students

In order to clarify the action of the Board of Trustees on July 30, 1971, President Fawcett recommended that the fees for part-time students (those enrolled for six or fewer credit hours) or enrolled for one term of a Summer Quarter (with nine or fewer credit hours) shall be assessed at one-half of full fees. When fees are not evenly divisible, they shall be assessed to the next even amount.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

G. Revision in Policy for Establishment of "Named Chairs" and "Named Professorships" and Redesignation of These Programs as "Endowed Chairs" and "Endowed Professorships"

On January 14, 1965, the Board of Trustees approved the establishment of "Named Chairs" and "Named Professorships" and approved a description of these two new programs. This action was taken to encourage private giving for these faculty positions.

At their meeting on February 11, 1972, upon proper motion, the Board of Directors of The Ohio State University Development Fund recommended that the University redefine and update these programs by Board of Trustees' action, establishing the following new designations in order to encourage increased private support and to recognize the generosity of individual, corporate, and foundation support:

Endowed Chairs

Support in the amount of $600,000 or more will be recognized by establishment of a permanent Chair which will provide a living memorial to the donor and bear his name or an appropriate name of his designation. The fund will be invested in the University's endowment portfolio, and the income will be used to provide salary or program support for truly distinguished scholars in the academic field of the donor's interest.

Endowed Professorships

Support in the amount of $150,000 or more will be recognized by the establishment of a permanent Professorship which will provide a living memorial to the donor and bear his name or an appropriate name of his designation. The fund will be invested in the University's endowment portfolio and the income will be used to supplement the salary or provide program support for an outstanding member of the faculty in the donor's academic field of interest.

Designated Chairs and Professorships

Annual support of $30,000 or more will be recognized by designating a Chair for a specific term which will bear the name of the donor or an appropriate name of his designation. Similarly, annual support of $10,000 or more will
March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Revision in Policy for Establishment of "Named Chairs" and "Named Professorships" and Redesignation of These Programs as "Endowed Chairs" and "Endowed Professorships" (continued)

Designated Chairs and Professorships (continued)

be recognized by designating a Professorship bearing the donor's name or a name of his designation. The donor will ordinarily be expected to guarantee support for a minimum period of three years. Annual funds provided for a designated Chair or Professorship will be used to attract distinguished faculty and to provide salary or special program support in the academic area of a donor's interest.

Visiting Professorships

The University will establish a Visiting Professorship in any field for a period of one academic quarter or longer if the contributed support is sufficient to cover all of the costs for the Visiting Professor. It is also possible to establish a permanent Visiting Professorship by creating an endowed fund for this purpose or by pledging annual support sufficient to meet the full costs of the position. Visiting Professorships will bear the name of the donor or an appropriate name of his designation.

Named Funds for Academic Enrichment

The University will separately identify with the donor's name or an appropriate designation of his choice any contribution of $5,000 or more which is given for the purpose of providing support for faculty or programs in an academic area of the donor's interest or for general support in areas to be designated by the University.

Authority

The recommending authority, as well as the authority to make exceptions to the above regulations, shall be the Provost of the University.

President Fawcett recommended that the above definitions and policies for "Endowed Chairs," "Endowed Professorships," "Designated Chairs and Professorships," "Visiting Professorships," and "Named Funds for Academic Enrichment" be adopted and made effective this date but not to apply to prior legal documents or agreements made according to earlier established criteria.

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

II. PERSONNEL CHANGES

Personnel changes since the February 4, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Changes in Title, and Emeritus Title:
II. PERSONNEL CHANGES (continued)

A. Appointments

Jules B. LaPides, Associate Dean for Research and Development, Graduate School, effective July 1, 1972, at a salary of $24,168.00 per annum.

C. Roger Smith, Professor and Chairman, Department of Veterinary Physiology and Pharmacology, effective April 1, 1972, at a salary of $30,012.00 per annum.

Paul G. Craig, Professor, College of Administrative Science - Public Administration, effective October 1, 1972, at a salary of $25,008.00 per annum.

Earl N. Metz, Associate Professor (Charles Austin Doan Chair of Medicine), Department of Medicine, effective immediately, at a salary of $26,928.00 per annum.

Jay Harold Stein, Associate Professor (part time - 80 per cent) (Gustav Hirsch Professorship of Medicine), Department of Medicine, effective immediately, at a salary of $20,040.00 per annum.

Edward A. Ferkany, Assistant Football Coach, Department of Athletics, effective February 15, 1972, at a salary of $15,648.00 per annum.

B. Changes in Title

Albert J. Kuhn from Acting Provost and Acting Vice President for Academic Affairs to Provost and Vice President for Academic Affairs, effective immediately.

Arliss L. Roaden from Vice Provost for Graduate Affairs and Dean of the Graduate School to Vice Provost for Research and Dean of the Graduate School, effective July 1, 1972.

C. Emeritus Title

Lawrence A. Best, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1972.

President Fawcett recommended that the Appointments, Changes in Title, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

**SUMMARY**

*(January 8, 1972 - February 11, 1972)*

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contracts</strong></td>
<td></td>
<td></td>
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<tr>
<td>Government Research - Federal</td>
<td>10</td>
<td>$561,596.54</td>
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<td>Industrial and Other Research</td>
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<tr>
<td><strong>Grants</strong></td>
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<tr>
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<tr>
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<tr>
<td><strong>Totals</strong></td>
<td>30</td>
<td>$1,375,340.54</td>
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</table>

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
March 3, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal

   Gross Value - $225,000.00.

   Gross Value - $60,000.00.

c. Department of Army, Headquarters, U.S. Army Medical Research and Development Command, Washington, D.C., Early Diagnosis of Infectious Diseases (to be known as Project No. 2634 - Mod. #P-207 - Department of Medicine).
   Gross Value - $7,993.00.

d. Department of Navy, Office of Naval Research, Arlington, Virginia, Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Project No. 2822 - Mod. #3 - Department of Physiology).
   Gross Value - $16,515.00.

e. Department of Army, Letterkenny Army Depot, Chambersburg, Pennsylvania, Small Unit Combat Simulation (DYNTACS X) (to be known as Project No. 2978 - Mod. #P007 - Engineering Experiment Station).
   Gross Value - $16,480.00.

   Gross Value - $8,801.00.

g. Department of Air Force, Air Force Systems Command, 4950th Test Wing Technical, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).
   Gross Value - $100,000.00.
March 3, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

h. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Ultra-Structure of Otoliths of Rats Reared Under Hypergravity with Those Reared Under Normal Gravity (to be known as Project No. 3381-A1 - New - Department of Otolaryngology).
   Gross Value - $17,326.54.

   Gross Value - $39,940.00.

   Gross Value - $69,541.00.

TOTAL - Government Contracts - Federal $561,596.54

2. Industrial and Other Research Contracts

   Gross Value - $10,000.00.

b. Columbus Public Schools, Columbus, Ohio, Program Audit Services for a Study of EMR Special Education Programs (to be known as Project No. 3393-A1 - New - College of Education).
   Gross Value - $7,500.00.

TOTAL - Industrial and Other Research Contracts $17,500.00


a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Control of Activity of Cardiac and Smooth Muscle (to be known as Project No. 874-M - Ext. #13 - Department of Physiology).
   Gross Value - $22,191.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

3. Government Research Grants - Federal (continued)

b. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as Project No. 1470-J - Ext. #9 - Department of Psychology).
Gross Value - $16,862.00.

Gross Value - $4,635.00.

d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #7 - Department of Electrical Engineering).
Gross Value - $35,000.00.

e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-C - Ext. #3 - College of Pharmacy).
Gross Value - $12,662.00.

f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-C - Ext. #3 - Department of Veterinary Pathology).
Gross Value - $58,502.00.

g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A3 - Rev. Award Ltr. Dtd. 1/19/72 College of Veterinary Medicine).
Gross Value - $9,724.00.

h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Autonomic Receptors in Isolated Iris Muscles (to be known as Project No. 2817 - Sup. #1 - College of Pharmacy).
Gross Value - $2,524.00.
March 3, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

i. National Science Foundation, Washington, D. C., Support of Geological Studies (to be known as Project No. 3172-A1 - Amend. #1 - Department of Geology).
   Gross Value - $8,200.00.

   Gross Value - $350,000.00.

   Gross Value - $43,600.00.

   Gross Value - $34,095.00.

   Gross Value - $18,000.00.

   Gross Value - $37,340.00.

   Gross Value - $7,500.00.
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)


   TOTAL - Government Research Grants - Federal $712,860.00

4. Industrial and Other Research Grants


   TOTAL - Industrial and Other Research Grants $83,384.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

SUMMARY

(Period: January 14, 1972 - February 10, 1972)

<table>
<thead>
<tr>
<th>No. of Projects</th>
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<tr>
<td>Industrial Research Contract</td>
<td>1 2,500.00</td>
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<td>Totals</td>
<td>3 $25,045.00</td>
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</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 388X Ext. #1 Field Testing of Pavement Thickness Gage, Ohio Department of Highways, Columbus, Ohio. Gross Value - $2,400.00.

EES 409X Experimental Treatment of Fresh Concrete by High Frequency Excited Screw-Type Auger, Ohio Department of Highways, Columbus, Ohio. Gross Value - $20,145.00.

TOTAL - Government Research Contracts $22,545.00

2. Industrial Research Contract

EES 408X Polymer Engineering Research, Owens Illinois Technical Center, Toledo, Ohio. Gross Value - $2,500.00.
IV. GRANTS AND GIFTS

SUMMARY
(Period: January, 1972)

Grants
Office of Finance and Treasurer $3,145,998.00

Gifts
The Ohio State University Development Fund

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<td>Alumni</td>
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<tr>
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<td>Business Concerns</td>
<td>70,284.60</td>
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<tr>
<td>Foundations and Nonprofit Organizations 39</td>
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The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $2,320,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for support of Center for Research and Leadership Development in Vocational and Technical Education, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1972 through January 31, 1973. (Grant No. OEG-3-7-00158-2037, Revision No. 17)

2. $593,424.00 granted by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for support of Mental Retardation Training, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Project No. 922)

3. $38,650.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Cardiovascular Physiology, under the direction of the Department of Physiology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 HL05843-04)

4. $31,146.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period September 1, 1971 through June 30, 1972. (Grant No. 44-P-25122/5-10, Amendment No. 1)

5. $26,433.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Undergraduate - Clinical Training, under the direction of the Department of Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 T02 HL05035-19)

6. $25,586.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05409-11)

7. $21,000.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Speech Pathology and Audiology, under the direction of the Department of Speech Communication, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25121/5-03, Amendment No. 1)
March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. $15,000.00 granted by Ohio Department of Education, Division of Special Education, 3201 Alberta Street, Columbus, Ohio, to the University for support of teacher education in the area of Learning Disabilities and Behavioral Disorders, under the direction of the College of Education, for the period July 1, 1971 through June 30, 1972.

9. $11,930.00 granted by National Science Foundation, Washington, D. C., to the University for support of In-Service Institute in Physics for Secondary School Teachers, under the direction of the Department of Physics. This grant expires on July 31, 1973. (Grant GW-7332, Proposal No. 2/3467)

10. $11,300.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25124/5-08, Amendment No. 1)

11. $9,952.00 granted by National Science Foundation, Washington, D. C., to the University for support of In-Service Institute in Astronomy (IAP) for Secondary School Teachers, under the direction of the College of Education. This grant expires on July 31, 1973. (Grant GW-7432, Proposal No. 2/3449)

12. $9,900.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Undergraduate Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period May 1, 1972 through September 30, 1972. (Grant No. 44-P-25217/5-01)

13. $9,555.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Traineeships in Occupational Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25123/5-07, Amendment No. 1)

14. $6,078.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05607-06)
March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

15. $6,000.00 granted by City of Columbus, Division of Workhouse, 2460 Jackson Pike, Columbus, Ohio, to the University for support of the development and presentation of a course in understanding human behavior to be offered for guards and matrons at the Columbus City Workhouse, under the direction of the Division of Continuing Education. (Grant No. 1410-11-F1-71)

16. $5,754.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1972 through December 31, 1972. (Grant No. 1 501 RR05742-01)

17. $4,290.00 granted by Ohio Rehabilitation Services Commission, New Careers Program Director, 4656 Heaton Road, Columbus, Ohio, to the University for support of program for New Careers Training for Rehabilitation Aides, under the direction of The Ohio State University - Lima Campus, for the period January 18, 1972 through May 30, 1972.

B. The Ohio State University Development Fund

1. $93,687.50 from the Estate of Florence Y. Mick, Columbus, Ohio, for the establishment of the Charles J. and Florence Y. Mick Memorial Fund.

Charles J. and Florence Y. Mick Memorial Fund

The Charles J. and Florence Y. Mick Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Florence Y. Mick (Mrs. Charles J.), in memory of her husband and herself. Mr. and Mrs. Mick were residents of Columbus, Ohio. Mr. Mick earned the Bachelor of Science degree in Pharmacy in 1921; Mrs. Mick earned the Bachelor of Science degree in Home Economics in 1922. She was a retired supervisor from the University Registrar's Office.

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

The annual income is to be used by the College of Medicine for cancer research. If the need for cancer research diminishes, or ceases to exist, so as to leave unused funds, then this bequest may be used in other areas of medical research closely allied or related to cancer. The principal may be invaded if necessary.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

1. Charles J. and Florence Y. Mick Memorial Fund (continued)

Should the College of Medicine cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for medical research.

2. $27,500.00 from E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware--$15,000.00 for research in Chemistry, $7,500.00 for research in Chemical Engineering, and $5,000.00 for research in Metallurgy.

3. $18,315.43 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--$12,210.29 for the establishment of the Snyder Student Memorial Fund and $6,105.14 for the establishment of the Snyder Research Memorial Fund.

Snyder Student Memorial Fund

The Snyder Student Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Dr. D. P. Snyder, D.D.S. '13, late of Columbus, Ohio, former Chief of Surgery in the College of Dentistry. The bequest was made in memory of Mae B. Snyder, Sadie Snyder, and Dr. D. P. Snyder.

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

The annual income is to be used to provide loans to students enrolled in the College of Dentistry.

Snyder Research Memorial Fund

The Snyder Research Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Dr. D. P. Snyder, D.D.S. '13, late of Columbus, Ohio, former Chief of Surgery in the College of Dentistry. The bequest was made in memory of Mae B. Snyder, Sadie Snyder, and Dr. D. P. Snyder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.
March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

3. Snyder Research Memorial Fund (continued)

The annual income is to be used by the College of Medicine for the discovery of new and advanced methods and processes in all areas of medical research, with special emphasis on research for aiding the prevention of and the elimination of the diseases of the blind.

4. $18,186.24 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

5. $17,500.00 from G. D. Searle & Company, Chicago, Illinois, for its research fund in the College of Medicine.

6. $10,000.00 from Althea O. Orton, Columbus, Ohio--$5,000.00 to establish a fund to purchase books and materials for the Department of Ceramic Engineering Library and $5,000.00 for the Department of Geology Library.

7. $8,517.00 from the Charles F. High Foundation, Bucyrus, Ohio, for scholarships.

8. $6,596.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for scholarships.

9. $5,300.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

10. $5,000.00 from the American Heart Association, Columbus, Ohio, for the Gustav Hirsch Memorial Professorship in Cardiology in the College of Medicine.

11. $5,000.00 from National Machinery Foundation, Tiffin, Ohio, for its fund in Mechanical Engineering.

12. $5,000.00 from The Ohio State University Orthodontic Alumni Foundation, Columbus, Ohio, to establish a loan fund in the College of Dentistry.

13. $1,010.00 from friends, colleagues, and former students of Robert M. Zollinger, for the establishment of The Robert M. Zollinger Student Scholarship Fund in Surgery.

The Robert M. Zollinger Student Scholarship Fund in Surgery

The Robert M. Zollinger Student Scholarship Fund in Surgery was established March 3, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development
March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. The Robert M. Zollinger Student Scholarship Fund in Surgery (continued)

Fund from friends, colleagues, and former students of Robert M. Zollinger, B.Sc. '25, M.D. '27, a distinguished faculty member, Regents Professor, and Chairman of the Department of Surgery of The Ohio State University for 25 years.

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

The annual income is to be used to provide a Robert M. Zollinger Scholarship Award to the outstanding senior student in surgery. The selection of the recipient is to be made upon the recommendation of the College of Medicine Scholarship Committee and the Chairman of the Department of Surgery.

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

C. Establishment of New Fund from Previously Reported Gift

Glenna R. Joyce Scholarship Fund

The Glenna R. Joyce Scholarship Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from the Glenna R. Joyce Trust. Mrs. Joyce, who lived in Upper Arlington at the time of her decease in 1960, established the Trust through her Will.

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

Both annual income and principal are to be used to provide annually a maximum of two scholarships to high school graduates attending The Ohio State University. Each scholarship is to be for four years of college at the University for the student and may be extended for three additional years if the student attends Graduate School. The scholarship students are to be selected by the University Scholarship Committee, upon the recommendation of the Trustees of the Glenna R. Joyce Trust.
On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Laboratory Animal Center

<table>
<thead>
<tr>
<th>Original Contract</th>
<th>Total Construction</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,404,898.00</td>
<td>$1,569,079.15</td>
<td>$164,181.15</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications resulting from favorable bids on the contracts so that it was possible to incorporate additional equipment within these contracts.

Funds for these changes have been provided by Budget Account 801021 (Laboratory Animal Facilities Center).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Brown Hall--Heating and Ventilating System Repair

This project will provide adequate heating and ventilating for this building.

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

B. Physical Education Building--Roof Repairs-1972

This project involves the removal and replacement of the old roof, replacement of insulation, gutters, and downspouts.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).
March 3, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Undergraduate Library and Service Center (Joseph Sullivant Hall) - 13.2 KV Primary Distribution System Extension

This project will substantially increase the electrical load for this building. The existing primary service to the building has insufficient capacity for the additional load which will be required for renovation of this facility.

Funds for this project have been provided from Budget Account 801095 (Federal recoveries from various projects set aside for the Undergraduate Library).

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

* * *

VII. REPORT OF AWARD OF CONTRACTS

A. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B

It was requested by the Vice President for Administrative Operations that the Award of Contracts approved at the February 4, 1972 meeting for the Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B be rescinded. General Contract--Waller & Lund, Inc., $4,970; Plumbing Contract--Julian Speer Co., $9,960; Heating, Ventilating and Air Conditioning Contract--Julian Speer Co., $20,220; Electrical Contract--Electric Power & Equipment Co., $8,726. It has been learned that an application has been filed with the National Institutes of Health, National Cancer Institute, and may be approved which would enable the College of Veterinary Medicine to expand the original plans and specifications. This proposed action has the approval of the Department of Public Works, State of Ohio.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:
B. Arps Parking Ramp--Waterproofing of Top Floor Levels

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7 bids received 2-25-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cincinnati Floor Co. (Columbus)</td>
<td>$41,000.00</td>
<td>$64,258.00</td>
</tr>
<tr>
<td>Alt. &quot;A,&quot; Removal of fill and installation of new fill</td>
<td>$2,280.00</td>
<td>$5,385.00</td>
</tr>
<tr>
<td>Alt. &quot;B,&quot; Installation of fill east and west parapet walls</td>
<td>$4,780.00</td>
<td>$5,850.00</td>
</tr>
<tr>
<td>Alt. &quot;C,&quot; Rebuilding expansion joints</td>
<td>$3,940.00</td>
<td>$7,960.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$52,000.00</td>
<td>$83,453.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 801250 (Arps Parking Ramp--Waterproofing of Top Floor Levels).

C. Optometry Building--Air Condition (Old Part)

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8 bids received 2-25-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. E. Eversole (Columbus)</td>
<td>$21,372.00</td>
<td>$36,679.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7 bids received 2-25-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miller-Davis Electric (Columbus)</td>
<td>$9,538.00</td>
<td>$17,205.00</td>
</tr>
<tr>
<td>Total Contracts</td>
<td>$30,910.00</td>
<td>$53,884.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 801244 (Optometry Building--Air Conditioning).

D. Journalism Building Expansion

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 2-8-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. W. Setterlin &amp; Sons Co. (Columbus)</td>
<td>$1,417,000.00</td>
<td>$1,165,487.00</td>
</tr>
<tr>
<td>Base bid</td>
<td><strong>$1,417,000.00</strong></td>
<td><strong>$1,165,487.00</strong></td>
</tr>
<tr>
<td>Less negotiated changes</td>
<td>- 73,438.00</td>
<td>+ 30,000.00</td>
</tr>
<tr>
<td>Alt. G-2 Finishing radio facilities</td>
<td>+ 27,000.00</td>
<td>+ 30,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$1,370,562.00</td>
<td>$1,195,487.00</td>
</tr>
</tbody>
</table>
VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Journalism Building Expansion (continued)

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbing Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8 bids received 2-8-72) J. A. Croson Plumbing &amp; Heating (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$133,800.00</td>
<td>$138,000.00</td>
</tr>
<tr>
<td>Heating, Ventilating and Air Conditioning Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5 bids received 2-8-72) Limbach Company (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$705,000.00</td>
<td>$648,000.00</td>
</tr>
<tr>
<td>Loss negotiated changes</td>
<td>$7,420.00</td>
<td></td>
</tr>
<tr>
<td>Alt. HVAC-2 Air conditioning radio facilities</td>
<td>$11,700.00</td>
<td>$15,000.00</td>
</tr>
<tr>
<td>Alt. HVAC-3 Carrier chiller</td>
<td>$5,200.00</td>
<td>N/C</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$704,080.00</td>
<td>$663,000.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(9 bids received 2-8-72) Burroughs Electric Co., Inc. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$266,665.00</td>
<td>$348,513.00</td>
</tr>
<tr>
<td>Alt. E-2 Electrical work for radio facilities</td>
<td>$5,167.00</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$271,832.00</td>
<td>$358,513.00</td>
</tr>
</tbody>
</table>

Total All Contracts $2,480,274.00 $2,355,000.00

Funds for this project have been provided from HB 531, Item 315-064 (Journalism Building Replacement) and Item 235-010 (Architectural Planning).

"Bids on the General Contract and the Heating, Ventilating and Air Conditioning Contract were above the estimate of cost, but it is not believed that better bids could be obtained by readvertising. This is in agreement with the Department of Public Works.

‡‡ Change in material specification for exterior soffit from metal to stucco, omission of the smaller of two elevators, simplification of site work by elimination of some parts of retaining walls, walks, and steps, deletion of parts of ceramic tile and marble finishes, and various smaller miscellaneous changes.
March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Journalism Building Expansion (continued)

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Adrian C. DeBrosse, Instructor (County Extension Agent, Agriculture) Mercer County, Cooperative Extension Service; Samuel Joseph Sachs, Assistant Professor in the College of Dentistry; Eldon Bryson Sessions, Associate Professor Emeritus in the College of Education; and Daniel M. Shonting, Professor Emeritus in the College of Administrative Science—Academic Faculty of Accounting. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Adrian C. DeBrosse

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 17, 1972, of Adrian C. DeBrosse, Instructor (County Extension Agent, Agriculture) Mercer County, Cooperative Extension Service.

Mr. DeBrosse was a native of Sidney, Ohio. He received his Bachelor of Science in Agriculture degree from The Ohio State University in 1950. He taught vocational agriculture in Delaware, Ohio, from 1950 to 1954 and in Mercer County from 1954 until he joined the Ohio Cooperative Extension Service faculty as Associate Agent in 1955. He had been County Agent, Agriculture, in Mercer County since 1958.

Mr. DeBrosse gave aggressive leadership to various extension programs in Mercer County, particularly the dairy, swine, and poultry programs. He was a leader in developing a registered dairy cattle show and sale and a graded feeder pig sale program in his area. He also worked closely with various community organizations in establishing small watershed projects, a land use planning committee, and other resource development programs.
VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Adrian C. DeBrosse (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. DeBrosse its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Samuel Joseph Sachs

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 15, 1972, of Samuel Joseph Sachs, Assistant Professor in the College of Dentistry.

Professor Sachs was born in Newark, Ohio, on March 28, 1921. He was graduated from Newark High School in 1939. He received the Bachelor of Science in Education degree from Wittenberg College in 1943.

Professor Sachs served as a Lieutenant Junior Grade in the United States Navy from 1943 to 1946. In 1946, he entered the College of Dentistry of The Ohio State University and received the Doctor of Dental Surgery degree in 1950.

Following his graduation from the College of Dentistry he returned to the United States Navy where he served until his retirement in 1968 with the rank of Commander. During this period he served for two years as training officer at the U. S. Naval Dental Technician's School at Great Lakes, Illinois.

In 1968, Dr. Sachs became a member of the faculty of the College of Dentistry. He was a member of the Kiwanis Club, Psi Omega Fraternity, Columbus Dental Society, Ohio State Dental Association, and American Dental Association.

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

C. Eldon Bryson Sessions

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 15, 1972, of Eldon Bryson Sessions, Associate Professor Emeritus in the College of Education.

Dr. Sessions was born in Marion, Idaho, on September 28, 1896. He was graduated from Utah State University in 1923 with a Bachelor of Science degree in business. His Master of Science degree in educational administration was granted in 1934 by the University of Idaho. Three years later he received a Doctor of Philosophy degree from The Ohio State University.
March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Eldon Bryson Sessions (continued)

Professor Sessions began his career in education as a teacher in 1923 near Marion, Idaho. From 1924 to 1935 he was Superintendent of Schools in Sugar City and Malad, Idaho. In 1937-38 he was a Visiting Professor at the University of Rochester and from 1938 to 1944 he was President of Carbon Junior College in Price, Utah.

In 1944 he started his career at The Ohio State University where he served until his retirement in 1967, except for thirty months as an Educational Consultant to the Department of Education in Guam in 1952-53 and Dean of the Territorial College of Guam from 1954 to 1956. At this institution his major contributions were Director of Educational Field Studies Training Programs for non-certified public school personnel, especially the annual School for Custodians which continued over two decades. He consulted at various times in nearby states.

Dr. Sessions was active in the Ohio and the International Associations of School Business Officials and in the Ohio Association of Public School Employees. He is regarded as the founder of these two associations. He was a member of the National Council on Schoolhouse Construction. He was a member of the Church of the Latter Day Saints.

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

D. Daniel M. Shonting

The Board of Trustees expresses its sorrow at the death on February 2, 1972, of Daniel M. Shonting, Professor Emeritus in the College of Administrative Science - Academic Faculty of Accounting.

Professor Shonting was born in Lancaster, Ohio, on March 31, 1896. After serving in World War I, he attended Ohio State where he received the B.S. and M.A. degrees in 1921 and 1923 respectively. He became a Certified Public Accountant in 1940.

Mr. Shonting began his contribution to accounting education in 1924 as an Instructor, moved through the ranks to full Professor in 1958, and retired in 1966 after having given years of classroom experiences to accounting students at Ohio State. His students found him warm, energetic, interested, and fair.

In addition to his dedication to teaching, Professor Shonting's professional life included a private practice as a public accountant, service as Chief of the Division of Accounts and Control for Ohio's Department of Finance from 1929 to 1931, and a position as Treasurer of Capital University from 1932 to 1947. Professor Shonting was General Manager of Wartburg Press from 1940 to 1949, and has been a consultant to many firms.
March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Daniel M. Shonting (continued)

An active, vibrant individual, he participated in numerous civic and professional organizations, among them are the Columbus Chamber of Commerce, American Legion, Big Brothers, and Last Man’s Club. He was past president of the Central Ohio Chapter of Systems and Procedures Association and former editor of the Ohio CPA. A member of the National Association of Cost Accountants, in 1956 he was chairman of the American Accounting Association's Committee on Government Accounting. He was a member of the Ohio Society of Certified Public Accountants, American Institute of Certified Public Accountants, Systems and Procedures Association, and Central Ohio and National Associations for Computing Machinery. He also held memberships in Beta Alpha Psi, national accounting fraternity; Beta Gamma Sigma, business administration honorary; Delta Sigma Phi and Alpha Kappa Psi, professional business fraternities.

Always a devoted church member, Professor Shonting was an elder in Christ Lutheran Church and past president of the Publishers Section of the International Council on Religious Education.

Professor Shonting was the author of numerous articles for professional and business journals and a contributing editor of The Accountants' Handbook. He was held in highest esteem by his colleagues who often included him as a contributor in the preface of their texts.

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

IX. REPORT

A. Report from the Finance and Investment Committee

1. Sale of Real Estate

Mr. Safford, a member of the Finance and Investment Committee, presented the following recommendations:

206 East 16th Avenue

The Board of Trustees on October 7, 1970, accepted a parcel of real estate located at 206 East 16th Avenue from Carolyn Kramer Serling and Rod Serling. This property is presently being held in the University’s Investment Portfolio.
March 3, 1972 meeting, Board of Trustees

IX. REPORT (continued)

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

1. Sale of Real Estate (continued)

   It was recommended that the Vice President for Administrative Operations be authorized to sell the property with the proceeds of the sale to be used for the Carolyn Kramer Serling Scholarship Fund as established according to the bequest of Mrs. Serling with the income to be used for scholarships to students selected by the University Scholarship Committee.

   It was further recommended that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the property to the person(s) submitting the best quotation with the net proceeds of sale to be deposited in the University's Investment Portfolio.

   **852 West Lane Avenue**

   The Board of Trustees on June 12, 1969, authorized the purchase of a parcel of real estate located at 852 West Lane Avenue from Lowell E. Ripley and Floa M. Ripley. The property is presently being held in the University's Investment Portfolio.

   It was recommended that the Vice President for Administrative Operations be authorized to sell the property with the proceeds of the sale of the property to be returned to the Investment Portfolio.

   It was further recommended that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the property to the person(s) submitting the best quotation with the net proceeds of sale to be deposited in the University's Investment Portfolio.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the sale of 206 East 16th Avenue and 852 West Lane Avenue by unanimous roll call vote.

B. Report on the University's Investment Portfolio

   The report dated March 3, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Legget pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.
March 3, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 7, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

James W. Shocknessy
Chairman
APPENDIX VII

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 17, 1972
The Recipients of Honors:

AKILLU HABTE
Doctor of Humane Letters

Distinguished educational statesman who has demonstrated creative administration in the development of Ethiopian education and African affairs.

As president of Haile Sellassie I University, Akilu Habte has attained the zenith in a career of educational leadership. A 1954 graduate of the University College of Addis Ababa (now Haile Sellassie I University), he received his bachelor of education degree from the University of Manitoba in 1955 and the M.Ed. and Ph.D. degrees from The Ohio State University in 1956 and 1958 respectively.

Upon graduation from The Ohio State University, Akilu Habte returned to Ethiopia where he has been devoted to a multitude of educational enterprises. One of the lasting achievements of his most distinguished career has been a successful strengthening of the relationship between higher education and the realities of living in a mass rural population. To achieve this goal, Akilu Habte conceived and implemented a program designed to allow students to pursue career-related interests through actual work experience in remote areas of Ethiopia. In addition to performing essential service functions, the program involves the student in multi-disciplinary community development programs, contributing an important additional dimension to the student's scholarly endeavors.

For his sound philosophies and creative solutions to the practical application of education, the leadership of Akilu Habte has been acknowledged by colleagues from many lands. His professional acumen has been internationally recognized by his election as president of the Pan-African Congress, and more recently by his election as president of the International Congress of Africanists. His service on the executive committee of the United Nations Educational Scientific and Cultural Organization (UNESCO) and on this organization's International Scientific Committee for the Preparation of a General History of Africa, confirms the broad scope of his interests.

It is an honor for The Ohio State University to recognize Akilu Habte for his distinguished record of service to his profession, his nation, and to his fellow man.

HOWARD HANSON
Doctor of Humane Letters

Renowned composer, conductor, and educator who has established himself as a paragon in the musical field.

Creativity and humanity, undergirded by leadership and administrative abilities, have brought Howard Hanson to an unparalleled position of leadership in the world of music. His over one hundred compositions have won him more than thirty prizes and special awards, including a Pulitzer Prize in 1944.

A graduate of Northwestern University, he served on the faculty at the College of the Pacific for three years before being appointed Dean of the Conservatory of Fine Arts at that institution. In 1924 he was appointed Director of the Eastman School of Music and remained in that position until his retirement in 1954. During his long tenure at the school, Eastman became one of the finest institutions of its kind in the world. The high standards maintained there under Dr. Hanson's direction were of major import in raising the level of music instruction throughout the country.

As one of the founders of the National Association of Schools of Music, the only accrediting agency for music in higher education, Dr. Hanson did even more to raise and maintain high standards in musical education. He has served as president of that organization as well as presiding over the Music Teachers' National Association and the National Music Council. In 1935 he was elected a member of the National Institute of Arts and Letters and in 1938, a Fellow of the Royal Academy of Music in Sweden.

Dr. Hanson's textbook, "The Harmonic Materials of Modern Music," is widely recognized as a definitive study on musical composition from 1900 to 1950, and is used as the standard text for this subject in many schools. He has had numerous articles published in national magazines and journals and is Editor-in-Chief of the twelve-volume "New Scribner Music Library."

It is with great pride that The Ohio State University recognizes this outstanding musician and educator for his contributions to all facets of the musical realm.
STARKE R. HATHAWAY
Doctor of Humane Letters

Noted educator and scientist whose many and important contributions to mental health are of uncommon distinction.

A man who is both creative and practical in his diverse contributions to theory, research, and practice, Starke R. Hathaway has had a major impact on mental health movements in this country and throughout the world. He was a pioneer in the development of clinical psychology as a profession and established one of the earliest doctoral programs in that area. A leader in the effort to attain legal recognition of psychology, Dr. Hathaway was successful in urging the passage of certification legislation in Minnesota. A forerunner in the fields of criminology, neurophysiology, and psychophysiology, he invented and patented one of the first reliable lie detector devices. Dr. Hathaway authored an early classic text in physiological psychology, conducted some of the first electro-encephalographic research in this country, and developed one of the earliest and still most widely used objective devices for personality assessment. The author of some eighty published books and scientific articles, Dr. Hathaway is a member of Sigma Xi, Phi Beta Kappa, and the National Research Council.

A native of Ohio, Starke Hathaway is a 1927 graduate of Ohio University and received a master's degree in psychology and statistics from The Ohio State University. His education was continued at the University of Minnesota where he received the Ph.D. degree in Psychology and Anatomy in 1933.

His teaching career began at Ohio University and continued for forty years as a faculty member at the University of Minnesota. During that time, he served as professor and director of the Division of Clinical Psychology and executive officer of the Department of Psychiatry and Neurology in the School of Medicine.

In recognition of his outstanding contributions to the advancement of his profession, The Ohio State University is privileged to confer upon this distinguished alumnus the honorary degree. Doctor of Humane Letters

JOHN A. MAURER
Doctor of Science

Pioneer in motion picture engineering and lifelong advocate of photography and cinema as a force in American science, education, and culture.

John A. Maurer, Senior Vice President of Optronics Technology, Inc. of New York City, personifies the goal of his profession, the combination of scientific knowledge and humanitarian purpose. His philosophy, inventions, and work have been consistently and effectively directed to the realization of Thomas A. Edison's "glowing dreams about what the camera could be made to do and ought to do in teaching the world the things it needs to know—teaching it in a more vivid and direct way."

Mr. Maurer holds sixty United States patents, most of which are in the fields of sound recording, camera design, and chemistry. He recently developed an innovative 8mm sound and image system, and his brilliant pioneering in 16mm optical sound helped make this form the standard for nontheatrical, educational, and scientific films throughout the world.

A native of Massillon, Ohio, John Maurer attended Western Reserve University receiving the A.B. degree, Summa Cum Laude, in 1928, and the M.Sc. degree in 1929. He joined the Research Department of the Radio Corporation of America in 1929, organized the J. A. Maurer Company in 1940, and earned citations for his work during World War II for the Office of Scientific Research and Development. Through lecture, demonstration, and publication he instigated film production and instructional programs in many universities and colleges, including The Ohio State University, during the period of 1940-1960.

A charter member of the Acoustical Society of America, Mr. Maurer is a Fellow of the Society of Motion Pictures and Television Engineers, and a former Vice President of the Society of Photographic Scientists and Engineers. In recognition of John A. Maurer's vital contributions to the media of communication, The Ohio State University is proud to confer upon him the honorary degree, Doctor of Science.
ELLIOdecode the restT LEE RICHARDSON

Doctor of Laws

Pre-eminent attorney and administrator whose exemplary record is testimony of personal commitment to honorable and intelligent public service.

Elliot L. Richardson, Secretary of Health, Education, and Welfare, has had a long and distinguished career in a broad spectrum of governmental affairs. During the Eisenhower years, he was appointed Assistant Secretary for Legislation in the Department of Health, Education, and Welfare and was a stalwart advocate of measures to curb juvenile delinquency, improve social security benefits, and elevate standards of public health. These efforts were furthered through his service as Lieutenant Governor of the Commonwealth of Massachusetts and later as Attorney General of that State. His investigation of unfair trade practices and consumer fraud through the establishment of the Nation's first State-level Organized Crime Section was a hallmark of his untiring effort to revamp the criminal justice system in Massachusetts.

Returning to the Nation's Capital in 1969, Elliot Richardson assumed the position of Under Secretary of State. In this role, he served as Chairman of the Under Secretaries Committee of the National Security Council and Chairman of the Board of the Foreign Service.

A 1947 graduate of Harvard Law School, Elliot Richardson has long maintained an active interest in a wide range of professional, educational, and service organizations. In addition to his official responsibilities, Secretary Richardson has served as a member of the Board of Overseers of Harvard College and the World Affairs Council. He is currently a member of the Council on Foreign Relations, a Fellow of the American Academy of Arts and Sciences, and a Fellow of the American Bar Association. He also serves on the Board of Governors of the American National Red Cross.

It is a great honor for The Ohio State University to recognize Elliot L. Richardson for his continued efforts to meet the problems of change with progressive and effective solutions.

EDMUND MAUTE SPIEKER

Doctor of Science

An inspirational teacher and scholar whose work has had a profound influence on geological research and exploration.

A member of The Ohio State University faculty since 1924, Edmund Maute Spieker has achieved great distinction as one of the Nation's foremost geologists. Chairman of The Ohio State University Department of Geology from 1944 to 1962, Dr. Spieker received the bachelor of arts and doctorate degrees from Johns Hopkins University. He is the founder of The Ohio State University Field Geology Station in Utah, and is recognized as a world authority on the structure and stratigraphy of the transition zone between the Colorado Plateau and the Great Basin in Utah.

Prior to assuming his teaching responsibilities, Dr. Spieker was employed as a geologist for Imperial Oil, Ltd. and the government of British Columbia. He was a member of the United States Geological Survey from 1917 to 1965 and has served as Director of The Ohio State University National Science Foundation Summer Institute in Geology and the Nature of Science from 1962 to the present.

The extensive bibliography of Dr. Spieker contains more than thirty publications, many of them being important initial contributions on subjects that form the basis of modern geology. Two of his most significant papers, "Late Mesozoic and Early Cenozoic History of Central Utah" and "Mountain Building Chronology and Nature of Geologic Time Scale," concern the geologic time scale as it relates to the role of mountain building and the manner in which sediments reflect this process.

Dr. Spieker has been actively involved in a number of professional organizations including the American Association for the Advancement of Science, the Geological Society of America, and the Ohio Academy of Science, which he has served as president.

The Ohio State University is honored to recognize this distinguished faculty member for his contributions, not only to the teaching profession, but to the advancement of geological science as well.
Doctor of Philosophy

Pradeep Kumar Agrawal, Meerut, India
B.Sc. (Agra University); B. Tech. (Indian Institute of Technology); M.S.
**Dissertation:** Numerical Solution of Wire Antennas in a Cavity
**Field of Specialization:** Electrical Engineering

Rolf Allerdissen, Nordenham, Germany
B.A. (Kiel University); M.A.
**Dissertation:** Die Reise als Flucht. Zu Schnabels Israel Felzenberg und Thümmlers Reise in die mittäglichen Provinzen von Frankreich
**Field of Specialization:** German

Lewis Grant Anderson, Worthington
B.S. (Pennsylvania State University); M.S. (Massachusetts Institute of Technology)
**Dissertation:** Telephone Traffic in a High Capacity Mobile Telephone System
**Field of Specialization:** Electrical Engineering

Bernard Roy Appleman, Valley Stream, N.Y.
A.B. (Brandeis University)
**Dissertation:** Part I. NMR Studies of Dimethyl-Magnesium Exchange. Part II. Ab Initio Calculations of Chemical Shifts
**Field of Specialization:** Chemistry

Dennis Albert Atwood, Niagara Falls, Ont., Canada
B.A.S. (University of Waterloo); M.S. (University of Miami)
**Dissertation:** The Use of a Secondary Task Paradigm to Determine the Effects of Elevated Levels of Carboxyhemoglobin on Human Psychomotor Performance
**Field of Specialization:** Industrial Engineering

LeRoy Wilson Bandy, Fredericksburg
B.S. (Morris Harvey College); M.S.
**Dissertation:** The Bioaccumulation and Translocation of Ring-Labeled Chlorine-36 DDT in an Old-Field Ecosystem
**Field of Specialization:** Zoology

Frank Simms Black, Jr., Columbus
B.S. in Ed. (Central State College); M.A.
**Dissertation:** The Relationship between Pupil Mobility and Reading Achievement in High-Mobility-Low-Income Elementary Schools
**Field of Specialization:** Education

Harold Alonza Black, Gainesville, Fla.
B.A. (University of Georgia); M.A.
**Dissertation:** The Money Supply Process in Great Britain: 1951-1969
**Field of Specialization:** Economics

James Andrew Bobula, Chicago, Ill.
B.A. (Bellarmine College); M.A.
**Dissertation:** The Hospital Nurse: Her Self-Perceptions as Professional and as Communicator
**Field of Specialization:** Speech Communication

Suzanne Gage Brainard, Washington, D.C.
B.A. (University of Florida); M.A.
**Dissertation:** A Study of Response Patterns in Learning Disabilities
**Field of Specialization:** Psychology

Charles George Brown, Dayton
B.S.E.E. (Purdue University); M.S. (University of Cincinnati)
**Dissertation:** The Walsh Transform as a Signal Processing Tool, Theory and Applications
**Field of Specialization:** Electrical Engineering

William Richard Brown, Columbus
B.S.Ed., M.A.
**Dissertation:** Teacher Competencies and Characteristics in a Science Preservice Teacher Education Project
**Field of Specialization:** Education

Diane Pollack Burhenne, Columbus
B.A. (University of Florida); M.A.
**Dissertation:** Female and Male Evaluations of Sex-Appropriate and Sex-Inappropriate Sex-Role Stereotypes
**Field of Specialization:** Psychology

James Slagle Cameron, Columbus
B.S.; M.S. (Stanford University)
**Dissertation:** Automatic Document Pseudoclassification and Retrieval by Word Frequency Methods
**Field of Specialization:** Computer and Information Science

Richard Lewis Catullo, Fargo, N. D.
B.A. (Montclair State College); M.A. (North Dakota State University)
**Dissertation:** The Effect of Experiential vs. Didactic Learning and Locus of Control upon Group Decision Making
**Field of Specialization:** Psychology

Terence Edward Cody, Columbus
B.S. (Mount Union College); M.S. (Western Reserve University)
**Dissertation:** Primary Productivity in the Western Basin of Lake Erie
**Field of Specialization:** Botany

Elizabeth Shimer Czech, Raleigh, N. C.
B.A. (Georgetown Court College); M.A. (Lehigh University)
**Dissertation:** Interaction between Black and Corporate Culture in Broadcast Management
**Field of Specialization:** Speech Communication

Louis John DeHayes, Jr., Midlothian, Ill.
A.B. (University of Illinois); M.S.
**Dissertation:** Stereochemistry and Conformational Analysis of Some Cobalt (III) Amino Complexes
**Field of Specialization:** Chemistry

Donald Jeffries Dodsworth, Cincinnati
B.A. (University of Cincinnati); M.A. in Soc. Adm.
**Dissertation:** How to Develop Effective Promotional Procedures in Adult Education—A Computer-Assisted Instruction Course
**Field of Specialization:** Education

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B.E., M.S.
Dissertation: Electrical Conduction in Discontinuous Gold Films on an Insulating Substrate
Field of Specialization: Electrical Engineering

Teymou Eliassi-Rad, Mozendaran, Iran
Foghl. License (Tehran Institute of Technology); M.S. (Michigan State University)
Dissertation: Automatic Longitudinal Control of Ramp Vehicles—Theory and Experiment
Field of Specialization: Electrical Engineering

Afamdi Onewura Enwen, Asata-Enizu, Nigeria
B.S. Agr. (University of Arizona); M.S.
Dissertation: The Reproductive and Disease-Vector Potential of Aedes triseriatus, a Vector of California Encephalitis
Field of Specialization: Entomology

Ronnie Lyle Padley, Columbus
B.S. Ed., M.A.
Dissertation: Discrete and Integrated Approaches for the Teaching of Junior High School Speech
Field of Specialization: Education

George Tehan Fischer, Springfield
B.A., B.S.Ed., M.A.
Dissertation: John Oldmixon, Early Whig Historian
Field of Specialization: History

Brent Malcolm Froberg, Valparaiso, Ind.
A.B., A.M. (Indiana University)
Dissertation: The Dramatic Excursions in Thucydides' History
Field of Specialization: Classics

William Bert George, Columbus
B.A. (College of Wooster); M.S.W.
Dissertation: A Study of Large-Scale Organization Change in a Public Assistance Agency
Field of Specialization: Social Work

Nicholas George Gionis, Columbus
B.S. (United States Naval Academy); M.S. (Air Force Institute of Technology)
Dissertation: Some Models for Multistage Decision Making under Risk
Field of Specialization: Industrial Engineering

Ulrich Goebel, Blacksburg, Va.
B.A., M.A. (University of Oregon)
Dissertation: Index Verborum to the "Corpus der altdeutschen Originalurkunden"—Vol. I
Field of Specialization: German

Kathryn Lewis Gould, Chico, Calif.
A.B., M.A. Education (Chico State College)
Dissertation: Relationships of Creativity, Reading Comprehension, Intelligence, and Response to a Literature Selection for Fourth Grade Inner-City Children
Field of Specialization: Education

David Victor Goulding, Winnipeg, Man., Canada
B.P.E. (University of Manitoba); M.A.
Dissertation: Prediction of Exercise Cardiac Output from Resting Supine Stroke Volume and Exercise Heart Rate Using a CO2 Rebreathing Technique
Field of Specialization: Physical Education

Ronald Gene Helms, Franklin
B.S. (Fairmont State College); M.A. (University of Dayton)
Dissertation: A Study of Attitudes of Secondary Social Studies Teachers, Principals, and Board Presidents on Academic Freedom
Field of Specialization: Education

Michael Dennis Hock, Worthington
B.S.Ed., M.C.P.
Dissertation: Factors Shaping Allocation Decisions in a Voluntary Social Service System
Field of Specialization: Education

Ronald Paige Hutchings, Chico, Calif.
B.S., M.A. (California State Polytechnic College)
Dissertation: The Influence of Exercise Fat Prior to Weaning on the Milking Potential of Beef Heifers
Field of Specialization: Agricultural Education

Kou-Mau Hwang, Kaoshiung, Taiwan
B.S. Pharm. (Kaoshiung Medical College); M.S.
Dissertation: The Effect of Heavy Metals on the Permeability of Mitochondrial Membrane and Its Energy-Linked Reaction
Field of Specialization: Pharmaceutical Chemistry

Raleigh Jackson, Dayton
B.S. (Southern University, Louisiana); M.A.
Dissertation: A Study of Six Personality Factors in Reading Achievement
Field of Specialization: Education

Ronald Jones, Richmond, B.C., Canada
O.D. (College of Optometry of Ontario); M.S.
Dissertation: Psychophysical and Decelometer Responses of Normal and Stereoeanomalous Observers to Disparate Retinal Stimulation
Field of Specialization: Physiological Optics

Joseph Chester Kauffmann, Canton
B. of M.E. (Georgia Institute of Technology); M.S. in Mech. Engr. (Illinois Institute of Technology)
Field of Specialization: Mechanical Engineering

B.A. (Pennsylvania State University); M.A.
Dissertation: Student Unrest and Crisis: The Response of an Urban Educational System
Field of Specialization: Education

David Mark Krell, Toledo
B.S. Pharm. (University of Toledo)
Dissertation: The Uptake, Storage and Release of the Optical Isomers of Norepinephrine-4C in Tissues of the Rat
Field of Specialization: Pharmacy
Charles Huston Krueger, Jr., Dayton
E.E. (University of Cincinnati); M.S.
Dissertation: K-Space Formulation of the Two-Dimensional Electromagnetic Scattering Problem
Field of Specialization: Electrical Engineering
Woodrow Boothe Krueger, Newark
B.S., M.S.
Dissertation: Assimilatory Studies of the Inorganic Micronutrients (Ca, Cu, Fe, K, Mg, Mn, Na, and Zn) Required for Bacterial Sporulation Using Neutron Activation Analysis and Atomic Absorption Spectrophotometry
Field of Specialization: Microbiology
Edward Barna Kurjack, Oxford
B.S. (Florida State University); M.S., M.A. (University of Alabama)
Dissertation: Prehistoric Lowland Maya Community and Social Organization: A Case Study of Debilchaltun, Yucatan, Mexico
Field of Specialization: Anthropology
Frederick James Ladd, Bristol, England
Cert. (University of Bristol); M.A.
Dissertation: The Revival Style Alterations at Corsham Court: 1749-1849
Field of Specialization: History of Art
Melyn Paul Leffler, College Park, Md.
B.Sc. (Cornell University)
Field of Specialization: History
Louis Malcolm Leichter, Brooklyn, N. Y.
B.S. (Brooklyn College)
Dissertation: Studies of Tricycle[3.2.0.0^1;9]hept-6-ene and Tricyclo[3.2.0.0^7-1]heptane Systems
Field of Specialization: Chemistry
Marrell Elroy Lewis, Elvira
B.S. (Case Institute of Technology)
Dissertation: Derivation of a Correction to the Nuclear Optical Model Potential Depth for a Spin-Dependent Nucleon-Nucleon Interaction
Field of Specialization: Physics
Lon-Lon Hsu Liao, Taipei, Taiwan
B.S. (National Taiwan University)
Dissertation: Oxalate Metabolism in the Isolated Perfused Rat Liver
Field of Specialization: Physiological Chemistry
Teh-hsin Liao, Taipei, Taiwan
B.S. Agr. (National Taiwan University); M.S. (Utah State University)
Dissertation: Studies of L-Fucose Metabolism in Higher Plants
Field of Specialization: Biochemistry
James Ellisworth Lifer, Ashland
B.S. in Edu. (Ashland College); M.A.
Dissertation: Guidelines for the Development of a Program of Service for State Units of the Association of Teacher Educators
Field of Specialization: Education
Jason Hewitt Manchester, Lakeview
B.S.
Dissertation: A Study of the Magnesium Electrode
Field of Specialization: Chemistry
Patricia Barnes McConnell, Columbus
B.A. (Pitt University); M.A.
Dissertation: Studies of Cognitive Development in Early Infancy
Field of Specialization: Psychology
Donald Neil McMartin, Madelia, Minn.
B.S., D.V.M. (University of Minnesota); M.S.
Dissertation: Enzyme Activities Associated with the Demyelinating Phase of Canine Distemper
Field of Specialization: Veterinary Pathology
James Richard McMillan, Sheffield Lake
B.A. in Ch.E. (University of Cincinnati); M.B.A. (Western Reserve University)
Dissertation: The Role of Perceived Risk in Vendor Selection Decisions
Field of Specialization: Business Administration
Ali Nawaz Memon, Karachi, Pakistan
B.S. (University of Karachi); M.S.
Dissertation: Complexes of Mercury (I) and Iron (II) with Polyphosphates
Field of Specialization: Chemistry
Thomas Roger Miller, Memphis, Tenn.
B.A., M.B.A.
Dissertation: A Study of the Promotion of Collegiate Business Faculty
Field of Specialization: Business Administration
Harold Richard Mitchell, North Charleston, S.C.
B.A. (South Carolina State College); M.A. (University of Denver)
Dissertation: The Responses of Five Language Groups to Intercultural Differences
Field of Specialization: Speech Communication
Lowell Thomas Moore, Columbus
B.S.Ed., M.A.
Dissertation: An Analysis of the History of the Columbus Public School's Administrative Cadet Program
Field of Specialization: Education
Craig Harlan Mosier, II, Columbus
B.A. (State College of Iowa); M.A.
Dissertation: Delinquents' Perceptions of Institutional Impact: A Validation Study
Field of Specialization: Sociology
Orval Lee Mullen, Oakwood
B.S., M.S.
Dissertation: Mouse Splenic Cell Immunocompetence in Polyoma and Nonpolyoma Tumor Systems
Field of Specialization: Microbiology
Allen Forrest Murphy, Jr., Franklin, Ind.
B.A. (Kenyon College); M.A.
Dissertation: Reality and Fantasy in the Creative Literature of Enrique Andemen Imbert
Field of Specialization: Romance Languages
Birandra Kumar Sinha, Bihar, India
B.Sc. (Bihar University); M.Sc. (Patna University); M.S.
Dissertation: Synthesis of cis- and trans-2-Mercaptocyclobutylamines and Related Analogs as Radio protective Agents
Field of Specialization: Pharmacy

Fredrick Larnee Smith, Huntington, W.Va.
B.S. (Marshall University); M.S.
Dissertation: On Finite Groups Whose Sylow 2-Subgroups Are the Direct Product of a Dihedral and a Semi-Dihedral Group
Field of Specialization: Mathematics

Monim Rauf Suliman, Khartoum, Sudan
B.Sc. (University of Khartoum); M.S. (Northwestern University)
Dissertation: Reactions of Titanium Tetrabromide with Tetrakis[dimethylamino]diboron (4) and Bis[dimethylamino]bromoborane
Field of Specialization: Chemistry

Jaris Stern, Columbus
B.A. (State University of New York at Buffalo); M.A.
Dissertation: The Effects of Didactic, Modeling and Experiential Counselor Training on Reflection of Feeling
Field of Specialization: Psychology

Rodney Cecil White, Houlton, Me.
B.A. (Ricker College)
Dissertation: Studies on Cell Wall Metabolism of the Green Alga Chlorella pyrenoidosa
Field of Specialization: Biochemistry

Marta Nevampaa Whitlock, Worthington
A.B. (Grinnell College); M.A.T. (Harvard University)
Dissertation: Voluntary Associations in Salem, Massachusetts, before 1800
Field of Specialization: History

Robert Barnett Votaw, Bakersfield, Calif.
B.S., A.M. (Indiana University)
Dissertation: Conodont Biostratigraphy of the Black River Group (Middle Ordovician) and Equivalent Rocks of the Eastern Midcontinent, North America
Field of Specialization: Geology

Clyde Kenneth Walter, Jr., Canfield
B.S.E.E. (University of Toledo)
Dissertation: An Empirical Analysis of Two Stockout Models
Field of Specialization: Business Administration

Richard Eugene Webb, Columbus
B.S.E.P. (University of Toledo)
Dissertation: Some Autocatalytic Effects during Explosive Power Transients in Liquid Metal Cooled, Fast Breeder, Nuclear Power Reactors (LMFBRs)
Field of Specialization: Nuclear Engineering

Larry Lee Venham, New Albany
D.D.S., M.S.
Dissertation: The Influence of the Parent's Presence in the Dental Operatory on the Behavior and Anxiety of Children Receiving Dental Treatment
Field of Specialization: Psychology
Certificate of Specialist in Educational Administration

One candidate

Robert Stocking Stephen, Canton
B.S.Ed., M.A. (Miami University)

Master of Accounting

One candidate

Kenneth Owen Shull, Sylvania
B.S.Bus.Adm.
Field of Specialization: Accounting

Master of Arts

One hundred and fifty-five candidates

Barry Alan Abrams, Chicago, Ill.
B.S. (Illinois Institute of Technology) Field of Specialization: Economics

Martha Bolton Agler, Columbus
B.S.Ed.
Field of Specialization: Education

Michael Louis Allain, Chicago, Ill.
B.A. (Northeastern Illinois State College) Field of Specialization: History

Gerald Randolph Anders Jr., Cleveland
B.A. (Carson-Newman College) Field of Specialization: Music

Aileen Louik Applebaum, Columbus
B.S. (Carnegie Institute of Technology) Field of Specialization: Education

Kristin Janina Aronson, Brookfield, Conn.
B.A.
Field of Specialization: Philosophy

David Arthur Bahman, Findlay
B.A.
Field of Specialization: History of Art

Elette M.-C. Barraud, Grenoble, France
Dipl. (Université de Grenoble) Field of Specialization: Romance Languages

Sheryl Kathryn Beight, East Palestine
A.B. (Youngstown University) Field of Specialization: Romance Languages

Robert Bender, Bronx, N. Y.
B.A. (Villanova University) Field of Specialization: English

Barbara Fridrich Bergman, Columbus
B.A. (Cleveland State University) Field of Specialization: Psychology

George Oliver Bertram, Columbus
B.S. in Ed. (Ball State Teachers College) Field of Specialization: Education

Olmer Bert Bunte, Columbus
A.B. (Central College, Iowa); B.Div. (New Brunswick Theological Seminary) Field of Specialization: Education

Denis Alan Breen, Cincinnati
B.S. in Bus. Adm. (Northwestern University) Field of Specialization: Economics

Nancy Ellen Brown, Columbus
B.A., B.S.Ed. Field of Specialization: English

Gary Eugene Burris, Washington C. H.
B.S.Ed. (Ohio University) Field of Specialization: Education

Sonja Jean Burris, Cambridge
B.S.Ed.
Field of Specialization: Education

Jeffery Alan Cabot, West Lafayette
B.S.Bus.Adm.
Field of Specialization: Public Administration

Colin Stephen Cass, Briarcliff, N. Y.
A.B. (Hamilton College) Field of Specialization: English

Elizabeth Kaye Chrisman, Columbus
B.A. (Ohio Dominican College) Field of Specialization: Art Education

Richard Gordon Coughwell, Columbus
B.S.Agr.
Field of Specialization: Education

Daniel Ralph Cobb, Columbus
B.A. (Bowling Green State University) Field of Specialization: Economics

Maria Regina Corcia, Columbus
B.A. Field of Specialization: Psychology

Barbara Sue Combs, South Lebanon
B.A. (Ohio Wesleyan University) Field of Specialization: English

David Elroy Confer, Powell
B.S.Ed.
Field of Specialization: Education

David John Corde, Worthington
B.A.
Field of Specialization: Psychology

Mary Constance Coughlin, Columbus
A.B. (Ohio Dominican College) Field of Specialization: Education

Norman Edward Cox, Reynoldsburg
B.A.Jour.
Field of Specialization: Journalism

Michael John D’Amore, Union City, N. J.
B.S. (Saint Peter’s College, New Jersey); M.S. Field of Specialization: Philosophy

Frederick Edward Davis Jr., Yellow Springs
B.A.
Field of Specialization: Public Administration

Stanley Philip Deibert, Columbus
B.S.Ed.
Field of Specialization: Education

Allan Miles Dellingor, Willshire
B.M. (Saint Louis Institute of Music) Field of Specialization: Dance

Diane DiGlammarino, Wayneboro, Pa.
B.S.Ed. (Indiana University of Pennsylvania) Field of Specialization: Art Education

Franklin Perry Dustman, Ravenna
B.S. in Edu. (Otterbein College) Field of Specialization: Physical Education

Judith Rawers Eifert, Dayton
B.S. (University of Dayton) Field of Specialization: Education

Georganna Gardner Elgabri, Columbus
B.A. (University of California at Los Angeles) Field of Specialization: Journalism

Ibrahim Ahmed A. Elsamadoney, Mansura, Egypt
B.A. (Ain Shams University) Field of Specialization: Education

Dale Francis Everett, Columbus
B.S.
Field of Specialization: Physical Education (Health Education)

Ning-Ning Fang, Taipei, Taiwan
B.A. (National Taiwan University) Field of Specialization: East Asian Languages

Patrick Anton Flx, Columbus
B.A.
Field of Specialization: English
Mary Joyce Polson, Bellefontaine
B.A. (Capital University)
Field of Specialization: Education

Nancy Ebihotz Ferester, East Liverpool
B.A. (University of Virginia, Mary Washington College)
Field of Specialization: Education

Patty Stewart Gabelman, Columbus
B.S.Ed.
Field of Specialization: Education

B.A. (Pennsylvania State University)
Field of Specialization: Psychology

Mary Wolfe Godwin, Columbus
B.S. (Oklahoma State University)
Field of Specialization: Education

Virginia Nusonger Gordon, Columbus
B.S.Ed.
Field of Specialization: Education

John Dennis Guthrie, Marion
B.S. (United States Military Academy); M.Ed. (Mercer University)
Field of Specialization: Education

Jack Lee Hamilton, Columbus
B.S.Ed.
Field of Specialization: Education

Jeanne Reed Harris, Delaware
B.S.H.E.
Field of Specialization: Education

Margaret Glockner Hartshorn, Lancaster
B.A. (Dominican College of San Rafael)
Field of Specialization: English

David Virgil Hellard, West Milton
B.S.Ed. (Miami University)
Field of Specialization: Education

Gerald Richard Hoekstra,
Evergreen Park, Ill.
A.B. (Calvin College)
Field of Specialization: Music

Thomas Lee Hoffman, Richwood
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education

LaMar Hae Holseppe, Archbold
B.S. (Goshen College)
Field of Specialization: Education

Phoebe Rose Howard,
Oak Ridge, Tenn.
B.A. (Rollins College)
Field of Specialization: Psychology

William Davis Hunter, Columbus
B.S. in Educ. (Otterbein College)
Field of Specialization: Education

Douglas Neil Husak, Westlake
B.A. (Denison University)
Field of Specialization: Philosophy

Bruce Allen Jacobs, Cleveland
B.S.Ed.
Field of Specialization: Education

Richard Louis Jensen, Logan, Utah
B.A. (Utah State University)
Field of Specialization: History

George Richard Johnson, Jr.,
Columbus
B.S.Ed.
Field of Specialization: Education

Michael Thomas Jones,
Newport News, Va.
B.A. (College of William and Mary)
Field of Specialization: Philosophy

Susan Goodman Josephson, Columbus
B.A.
Field of Specialization: Philosophy

Robert George Kaiden, Jr., Columbus
B.S.Ed.
Field of Specialization: Education

Susan Ferchoe Kesting, Carlisle
B.A. (Maryville College)
Field of Specialization: German

Mary Margaret Kerezi, Kettering
B.S. (University of Dayton)
Field of Specialization: Speech Communication

Susan Lynn Kjellman,
Allison Park, Pa.
B.S. in Edu.
Field of Specialization: Education

Kant Allan Kloman, Grove City
B.S. in Edu. (Kent State University)
Field of Specialization: Education

Charlotte Emma Krack, Erie, Pa.
B.A. (Wittenberg University)
Field of Specialization: English

Linda Carol Krieger, Worthington
B.S.Ed. (State University College, Geneseo, New York)
Field of Specialization: Education

Thomas James Lasley, II, Norwalk
B.S.Ed.
Field of Specialization: Education

Judith Crowe Lawson,
Monrovia, Calif.
B.A. (University of California at Santa Barbara)
Field of Specialization: Education

Madelon Rhoda Levy, Hamilton
B.A.
Field of Specialization: Education

Edith Lowery Love, Columbus
B.S.Ed.
Field of Specialization: Education

Alan James Matthews, Columbus
B.S.E.E. (Ohio University)
Field of Specialization: Economics

Sandi Fleszar Mayewski,
Buffalo, N. Y.
B.A. (State University of New York at Buffalo)
Field of Specialization: Slavic Languages

Jane Tucker McDonald, Columbus
B.S. (University of South Carolina)
Field of Specialization: Education

Stephen Larry McElroy, Columbus
B.A.
Field of Specialization: Education

Frederick Meister, Columbus
B.S.Ed.
Field of Specialization: Education

David Chester Mellick, Wellington
B.A. (Greenville College, Illinois)
Field of Specialization: Philosophy

Bishetta Dionne Merritt, Danville, Va.
B.A. (Fisk University)
Field of Specialization: Speech Communication

Faye Sharon Mervis, Shaker Heights
B.A. (George Washington University)
Field of Specialization: Romance Languages

Michele Anne Miller, Columbus
B.A. (Miami University)
Field of Specialization: English
William Paul Mockovak, Danbury, Conn.
B.S. (United States Air Force Academy)
Field of Specialization: Psychology

Danna Rasmussen Monsul, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Sister Mary Bridget Murphy, Columbus
B.S. (Our Lady of Cincinnati College)
Field of Specialization: Education

Thomas Alphonse Muth, Columbus
B.S. in B.A. (University of Dayton); J.D. (Salmon P. Chase College)
Field of Specialization: Speech Communication

Joan Broadstone Osborn, Dayton
B.A. (Miami University)
Field of Specialization: Education

Shirley Marie Nault, Columbus
B.S.Ed.
Field of Specialization: Education

Virginia Ellen O'Brien, Meredith, N. H.
B.A. (Belknap College)
Field of Specialization: Education

Larysa Ann Mykytu, Lorain
B.A.
Field of Specialization: Romance Languages

Shirley Marie Nault, Columbus
B.S.Ed.
Field of Specialization: Education

Virginia Ellen O'Brien, Meredith, N. H.
B.A. (Belknap College)
Field of Specialization: Education

Jean Broadstone Osborn, Dayton
B.S. (Wright State University)
Field of Specialization: Education

Irene Conrada Pancher, Shaker Heights
B.A. (Case Western Reserve University)
Field of Specialization: Romance Languages

Rosalyn Ann Pannett, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Education

Martha Mary Peressiny, Lakewood
B.A. (Cleveland State University)
Field of Specialization: Romance Languages

Pamela Dunn Peters, Lake City, Pa.
B.A. (Otterbein College)
Field of Specialization: Education

Cheryl Lynn Phillips, Columbus
B.S. in Edu. (Kent State University)
Field of Specialization: Education

James Lawson Pirdy, Alta Loma, Calif.
B.A. (University of California at Santa Barbara)
Field of Specialization: Education

Rex Joe Prater, Columbus
B.S.Ed.
Field of Specialization: Speech Communication

Mary Margaret Ralphin, Otway
B.A.
Field of Specialization: Speech Communication

Ann Littmann Rappoport, St. Louis, Mo.
A.B. (Oberlin College)
Field of Specialization: Political Science

William Floyd Ratliff, Columbus
B.A.
Field of Specialization: Romance Languages

William Hill Reich, Delaware
B.A. (Georgetown College); B.D. (South Baptist Theological Seminary)
Field of Specialization: Education

Stephen Archer Reilly, Columbus
B.A.
Field of Specialization: Speech Communication

Linda Rae Robinson, Columbus
B.S.Ed.
Field of Specialization: Education

Virginia Klein Ross, Worthington
B.S.Ed.
Field of Specialization: Education

Judith Wilson Ross, Worthington
B.S.Ed.
Field of Specialization: Education

Dorothy Friedman Rubenstein, Columbus
B.A. (Capital University)
Field of Specialization: Education

Joyce Dorothy Ruedebusch, New Bremen
B.S.Ed.
Field of Specialization: Education

Nicholas Mark Russo, New Castle, Pa.
B.A. (Xavier University)
Field of Specialization: Classics

B.A., B.S. (Pennsylvania State University)
Field of Specialization: Psychology

Shashi Kala Sampath, Bangalore, India
B.A., M.A. (Bangalore University)
Field of Specialization: Journalism

Paul David Schaefer, Galloway
B.A. (Capital University)
Field of Specialization: Education

Susan Mary Schaefer, Columbus
B.A.
Field of Specialization: Speech Communication

Susan Brennan Schill, Syracuse, N. Y.
B.A. (Le Moyne College)
Field of Specialization: History

John James Schleffendorf, Waukegan, Ill.
B.S. (Southern Illinois University)
Field of Specialization: Speech Communication

Jacqueline Ann Schmidt, Sepulveda, Calif.
B.A. (University of California at Santa Barbara)
Field of Specialization: Education

Roy Michael Schoenfeld, Great Neck, N. Y.
B.A. (Miami University)
Field of Specialization: Political Science

Lawrence Clifford Schourup, Del Mar, Calif.
B.A. (University of California at San Diego)
Field of Specialization: Linguistics

Carol Rose Schwefel, Columbus
B.S. (New York University)
Field of Specialization: Education

Rebecca Peterson Sealove, Wilmington
B.S.Ed.
Field of Specialization: Education

Michael Robert Seifried, Jeffersonville, Ind.
B.A. (Wabash College)
Field of Specialization: German

Richard Harold Sines, Columbus
B.A. (Miami University); M.S.
Field of Specialization: Economics

Evelyn Jean Small, Greenville
B.A. (Miami University)
Field of Specialization: Political Science

John Joseph Snyder, Lewisburg, Pa.
B.A. (California State College at Long Beach)
Field of Specialization: Philosophy
Sallie Fondick Soiberg, Columbus
A.B. (Indiana University)
Field of Specialization: Education

B.A.
Field of Specialization: German

Richard Donald Studer, Worthington
B.A. (Muskingum College)
Field of Specialization: Education

Allen Sugge, Jr., Columbus
B.S. (Mississippi Vocational College)
Field of Specialization: Education

Davie Tate, Jr., Columbus
B.S. (Ohio University)
Field of Specialization: Education

Richard Raymond Teaff, Columbus
B.A. (Capital University)
Field of Specialization: Education

Unice Henrietta Teasley, Middletown
B.S.Ed.
Field of Specialization: Education

Patricia Schopfer Teegardin, Columbus
B.S.Ed.
Field of Specialization: Education

Roy Lee Thomas, Anderson, S. C.
B.S. (Willerforce University)
Field of Specialization: Education

Deborah Kay Thompson, Cambridge
B.S. (Kent State University)
Field of Specialization: Physical Education

Katherine O’Neill Tracey, Grove City
B.A. (College of Wooster)
Field of Specialization: Education

Gabriel Thomas Ukott, Abak, Nigeria
B.S. (Paine College)
Field of Specialization: Education

Stephen Joseph Vanaman, Louisville, Ky.
A.B. (Saint Mary’s Seminary, Maryland)
Field of Specialization: Philosophy

Karen Elizabeth Printy Walby, Fremont
B.A.
Field of Specialization: Geography

Henry Matthew Ward, Lancaster
B.S. (Middle Tennessee State College)
Field of Specialization: Music

JoAnne Rohrer Ward, Kansas City, Mo.
B.A. (University of Missouri)
Field of Specialization: Education

Carol Anne Wengerd, Louisville
A.B. (Ohio University)
Field of Specialization: Psychology

Donna McIntyre Whyte, Columbus
B.A.
Field of Specialization: Education

Margaret Williams, Columbus
B.S. (West Virginia State College)
Field of Specialization: Education

Sheila Pugh Wolfe, Columbus
B.A. (Wellesley College)
Field of Specialization: History of Art

Richard Eugene Zeller, Fairview Park
B.A. (Pennsylvania State University)
Field of Specialization: Geography

William Florian Zenker, Columbus
B.S.Bus.Adm., B.A.
Field of Specialization: Education

Susan Burr Zimmerman, Columbus
B.S.Ed.
Field of Specialization: Education

Ira Marc Zucker, Staten Island, N. Y.
B.A. (State University College at Oneonta)
Field of Specialization: Speech Communication

Ruth Krauthamer Zwelling, Zanesville
B.A.
Field of Specialization: Education

Master of Business Administration

Thirty-one candidates

Charles John Adam, Dayton
B.S.Bus.Adm.
Field of Specialization: Business Administration

Yogesh Krishna Agrawal,
Lucknow, India
B.Tech. (Indian Institute of Technology); M.S.
Field of Specialization: Business Administration

Mark Edward Bjerve,
Walla Walla, Wash.
B.S. in Agr. (Washington State University)
Field of Specialization: Business Administration

William Van Corban, Kettering
B.S., J.D.
Field of Specialization: Business Administration

Joseph Michael Culp, Columbus
A.B. (Rockhurst College)
Field of Specialization: Business Administration

Donald Lee Curtis, Columbus
B.S.M.E. (Tufts University)
Field of Specialization: Business Administration

Vincenzo Ferranti, Columbus
B.A.
Field of Specialization: Business Administration

Jerry Curtis Fletcher, Chiliicote
B.S.Agr.
Field of Specialization: Business Administration

Alan Charles Gerboe, Cleveland
B.A.
Field of Specialization: Business Administration

Steven Eugene Glass,
Washington C. H.
B.A.
Field of Specialization: Business Administration

Robert Gourley Hersam, Granville
B.S. (Denison University)
Field of Specialization: Business Administration

Bryce Haven Hooker, Uhrichsville
B.S.Bus.Adm.
Field of Specialization: Business Administration

William Hardin Jamison, Columbus
B.S. (Washington and Lee University)
Field of Specialization: Business Administration

William Frank Kearns, Columbus
B.S., A.A.S.
Field of Specialization: Business Administration

Burton Charles Krieger, Dayton
B.S.Bus.Adm.
Field of Specialization: Business Administration
Master of City Planning
Two candidates

David Frank Holscott, Cleveland
B.A. (Cleveland State University)
Field of Specialization: City and Regional Planning

Thomas Alfred Lindstrom,
Bay Village,
B.A. (Ohio Wesleyan University)
Field of Specialization: City and Regional Planning

Master of Fine Arts
Three candidates

Mary Ann Peterson Dewald,
Columbus
B.F.A.
Field of Specialization: Fine Arts
(Sculpture)

Patricia Nilson McCulloh, Gambier
B.A., B.S.Ed.
Field of Specialization: Fine Arts
(Graphics)

Ellie Robert Veatch, II,
Anchorage, Alaska
B.P.A.
Field of Specialization: Fine Arts
(Graphics)

Master of Music
Two candidates

Diana Ruth Duffin, Yardley, Pa.
B.S. (Juilliard School of Music)
Field of Specialization: Music

Patricia Wood Sergi, Springfield
B.Mus.
Field of Specialization: Music

Master of Science
One hundred and forty-nine candidates

Sulaiman Adeniyi Adekola,
Lagos, Nigeria
B.S. (Eng.) (Ahmadu Bello University, Nigeria)
Field of Specialization: Electrical Engineering

James Albert Antoline, Galion
B.E.E. (General Motors Institute)
Field of Specialization: Electrical Engineering

Richard Carl Baer, Maumee
B.S.Agr.
Field of Specialization: Botany

Judith Louise Banks, Columbus
B.S.
Field of Specialization: Botany

Thomas Glenn Baybrook, Latrobe, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Geodetic Science

Charles Hamilton Bell, Frazeysburg
B.S.Agr.
Field of Specialization: Agricultural Education

Richard Alan Bell, Middletown
Field of Specialization: Mechanical Engineering

Stuart Frick Biggar,
Bakerfield, Calif.
B.S. (United States Air Force Academy)
Field of Specialization: Physics

Norman Ralph Blaney, Saratoville
B.S. in Agr. (West Virginia University)
Field of Specialization: Agricultural Education

Jeffrey Lee Blough, Wooster
B.S. (Alma College)
Field of Specialization: Metallurgical Engineering

David Roy Boodey, Peninsula
Field of Specialization: Chemical Engineering

William Paul Bradford, Mt. Vernon
A.B. (Atlantic Union College); B.S. (Loma Linda University)
Field of Specialization: Pathology

Jon Andrew Bramson, Midland, Mich.
B.S. (Michigan State University)
Field of Specialization: Chemical Engineering

Nancy Andrew Brunner, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Frances Clare Butler,
Halifax, N.S., Canada
B.Sc. (Saint Francis Xavier University, Nova Scotia)
Field of Specialization: Allied Medicine

Kenneth Peter Camerier, Columbus
B.S.M.E. (Marquette University)
Field of Specialization: Mechanical Engineering

Also Bachelor of Mechanical Engineering:
College of Engineering

Also Bachelor of Chemical Engineering:
College of Engineering

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William Carl Carlson, Columbus
B.S. (University of Washington)
Field of Specialization: Natural Resources

Lois Cheung Chan, Lakewood
B.Sc. (Chinese University of Hong Kong)
Field of Specialization: Botany

Festus Charles, Port-au-Prince, Trinidad
Dipl. (Royal Institution of Chartered Surveyors, Trinidad)
Field of Specialization: Geodetic Science

David Yu-Hung Chen, Chattanooga, Tenn.
B.S.E.E. (Purdue University)
Field of Specialization: Electrical Engineering

Richard Kendall Childers, Catlin, Ill.
B.S. (University of Illinois)
Field of Specialization: Physics

Anita Marguerite Collins, Kutztown, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Genetics

James Patrick Collins, Wantagh, N. Y.
B.A. (Hofstra University)
Field of Specialization: Geodetic Science

Phillip Roger Cowies, Wilton, N. D.
B.A. (Saint John’s University);
B.S.C.E. (University of Missouri at Rolla)
Field of Specialization: Geodetic Science

John MacKenzie Crabill, Columbus
B.S., D.D.S.
Field of Specialization: Dentistry

James Eugene Cummins, Pioneer
B.S.Agr.
Field of Specialization: Agricultural Education

Bruce Ivan Darbee, South Wales, N. Y.
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Jack B. Ganz, Columbus
B.S.
Field of Specialization: Biophysics

Thomas Joseph Geers, Jr., Columbus
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering

James Raymond Glendon, Cuyahoga Falls
B.Ch.E.
Field of Specialization: Chemical Engineering

John Michael Gnau, Springfield
B.S.
Field of Specialization: Microbiology

Arthur Allen Goldstein, University Heights
B.M.E.
Field of Specialization: Mechanical Engineering

Carmel Leslie Golliday, Jr., Trumbull, Conn.
B.S. (College of William and Mary)
Field of Specialization: Computer and Information Science

James Greenlee Good, Marietta
B.E.E.
Field of Specialization: Electrical Engineering

Paul Leon Hammar, Jr., Falls Village, Conn.
B.S. (University of Connecticut)
Field of Specialization: Horticulture

Edwin James Hammert, Columbus
B.S.Agr.
Field of Specialization: Natural Resources

Joseph H. Gallenstein, Jr., Cincinnati
B.S.M.E. (University of Cincinnati)
Field of Specialization: Mechanical Engineering
Virginia Macrow Hartley, Columbus
B.S. (Indiana University)
Field of Specialization: Allied Medicine

Jukka Jyrki Oskari Haukka, Helsinki, Finland
Kand (University of Helsinki); Dipl. (Helsinki School of Economics); Lie. (Helsinki University)
Field of Specialization: Food Science and Nutrition

Charles Humphrey Hawkins, Columbus
D.D.S. ( Meharry Medical College)
Field of Specialization: Dentistry

Timothy Craig Hawkins, Dayton
B.S.
Field of Specialization: Electrical Engineering

James Richard Hetl, Mt. Gilead
B.S.Agr.
Field of Specialization: Agricultural Education

Raymond Keith Hetz, Conoy
B.S. (Indiana Institute of Technology)
Field of Specialization: Chemistry

Rada Ruth Higgins, Euclid
A.B. (University of Miami)
Field of Specialization: Mathematics

Dennis Ray Hiner, Jeannette, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Computer and Information Science

Teresa Takoki Hu, Causeway Bay, Hong Kong
B.A. (University of Hawaii)
Field of Specialization: Computer and Information Science

Glenn Ross Hodges, Columbus
B.A. (Muskingum College); M.D. (University of Chicago)
Field of Specialization: Medical Microbiology

Philip Ramage Hugo, Gahanna
B.S. in Civ.Eng. (University of Missouri at Rolla)
Field of Specialization: Geodetic Science

Roger Edward Holtenbaugh, Middletown
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering

Ming-Tung Hsu, Rockville, Conn.
B.S.Eng. (National Taiwan University)
Field of Specialization: Electrical Engineering

Wen Shiang Hsu, Taipei, Taiwan
B.S. (Fu Jen University)
Field of Specialization: Mathematics

John Edward Hult, Canton
B.A., D.D.S. (Case Western Reserve University)
Field of Specialization: Dentistry

Theodore John Ikeler, Midland, Mich.
B.S. (University of Wisconsin)
Field of Specialization: Chemistry

James Kenneth Johnson, Dayton
B.A.E. (Georgia Institute of Technology)
Field of Specialization: Aeronautical and Astronautical Engineering

B.S.Met.Engr. (Drexel Institute of Technology)
Field of Specialization: Metallurgical Engineering

Donald Thomas Kiefer, Marion
B.Ch.E.
Field of Specialization: Chemical Engineering

Randy Owen Knapp, Lexington
B.S.Cer.E.
Field of Specialization: Ceramic Engineering

David James Krile, Dayton
B.S.E.E. (University of North Dakota)
Field of Specialization: Electrical Engineering

Fwi Margaret Lee, Taipei, Taiwan
B.S. (National Chiao Tung University)
Field of Specialization: Electrical Engineering

Shi-Chuan Lee, Kaohsiung, Taiwan
B.S. (National Chiao Tung University)
Field of Specialization: Electrical Engineering

Sun Lee, Seoul, Korea
B.S.Eng. (Seoul National University)
Field of Specialization: Civil Engineering

William Donald Lemke, Coyahoga Falls
B.S.
Field of Specialization: Chemistry

Charles Glaser Lenhard, Columbus
A.B. (College of Saint Charles Borromeo); M.A.
Field of Specialization: Preventive Medicine

Yu-Lan Wang Liang, Taipei, Taiwan
B.S. (Taiwan Cheng Kung University)
Field of Specialization: Chemistry

Steven Robert Lindle, Bloomington, Ind.
B.A. (Indiana University)
Field of Specialization: Physics

Jacque Rollins Lingenfelter, Jr., Columbus
B.S.A.A.E.
Field of Specialization: Nuclear Engineering

Jerry Boyd Linsecki, Orwell
B.S.
Field of Specialization: Natural Resources

Maurice Thomas Lough, Elkins, Va.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science

James, Melton Lund, Oak Creek, Wis.
B.A. (Brigham Young University)
Field of Specialization: Astronomy

Bonnie Hasse Lyle, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Walter Lee Magre, Jr., Beaumont, Tex.
B.S. (Lamar State College of Technology)
Field of Specialization: Chemistry

Brian Marsh, Milton, N. J.
Field of Specialization: Electrical Engineering

Alicia Kline Marion, Toledo
B.S. (Loyola University)
Field of Specialization: Nursing

Robert Edgar Mauze, Texas City, Tex.
B.S. (Lamar State College of Technology)
Field of Specialization: Physics

Ralph Burdette McDonald, Jr., Allendale, S. C.
B.S. (University of South Carolina)
Field of Specialization: Geodetic Science

Also Bachelor of Electrical Engineering, College of Engineering
Bernard Wallace McIntosh, San Angelo, Tex.  
B.S. (Texas Agricultural and Mechanical University)  
Field of Specialization: Geodetic Science

Gary David McMillen, Burwell, Neb.  
B.S. in Educ., D.D.S. (University of Nebraska)  
Field of Specialization: Dentistry

Bruce Dale Metcalf, Detroit, Mich.  
B.S. (Wayne State University)  
Field of Specialization: Physics

James Eugene Meyer, Springfield  
B.A.  
Field of Specialization: Allied Medicine

Margaret McEvoy Miller, Columbus  
B.A. (Ohio Wesleyan University)  
Field of Specialization: Medical Microbiology

Marshall Zachary Miller, Columbus  
B.S.A.A.E.  
Field of Specialization: Aeronautical and Astronautical Engineering

Robert Bruce Miller, St. Paris  
B.S. Phys.  
Field of Specialization: Nuclear Engineering

Peter Matthew Mrozinski, Chicago, Ill.  
B.A. (Saint Mary's College, Minnesota)  
Field of Specialization: Physics

David Alan Munn, Reynoldsburg  
B.S.Agr.  
Field of Specialization: Agronomy

Lula Jean Naylor, Reynoldsburg  
B.S.Nurs.  
Field of Specialization: Nursing

Larry Wesley Nogge, Idaho Falls, Idaho  
B.M.E. (General Motors Institute)  
Field of Specialization: Nuclear Engineering

B.A. (Oakland University)  
Field of Specialization: Physics

William Geoffrey Owen, Cincinnati  
Field of Specialization: Natural Resources

Ralph Ronald Person, Oakland, Calif.  
B.S. (United States Air Force Academy)  
Field of Specialization: Physics

Pamela Pierce Petrovic, Columbus  
B.A.  
Field of Specialization: Natural Resources

David Winch Pierce, Holliston, Mass.  
B.S. (University of Massachusetts)  
Field of Specialization: Geodetic Science

David Richard Potts, Dayton  
B.S. (Wright State University)  
Field of Specialization: Physics

Larry Robert Pullin, Columbus  
B.S. in Phar. (Ohio Northern University)  
Field of Specialization: Entomology

Ronald Edson Rager, Columbus  
B.C.E.  
Field of Specialization: Civil Engineering

Kenneth Max Ramble, Worthington  
B.S.E.E. (Washington State University)  
Field of Specialization: Electrical Engineering

Alonso Ramirez, Palmira, Colombia  
Ing.Agron. (National University of Colombia)  
Field of Specialization: Agronomy

Avind Rana, Kurukshetra, India  
B.Sc. (Kurukshetra University); B.S.  
Field of Specialization: Computer and Information Science

Tariq Rehman, Lahore, Pakistan  
B.S. (West Pakistan University of Engineering and Technology)  
Field of Specialization: Ceramic Engineering

Lois Carolyn Rich, Staten Island, N.Y.  
A.B. (Hope College)  
Field of Specialization: Microbiology

James Richard Ruble, Dayton  
B.S.A.E. (University of Cincinnati)  
Field of Specialization: Mechanical Engineering

John Rollo Ruble, Columbus  
B.S. (University of Hawaii)  
Field of Specialization: Chemistry

Jerry Lee Ryan, Westerville  
B.S. (Ashland College)  
Field of Specialization: Zoology

Allan Peter Sather, Edmonton, Alta., Canada  
B.S.Agr. (University of Alberta)  
Field of Specialization: Animal Science

John Pack Shanklin, Jr., Fairborn  
B.S.E.E. (Iowa State University)  
Field of Specialization: Electrical Engineering

James Alvin Shearer, Columbus  
B.S. (Colorado State University)  
Field of Specialization: Geodetic Science

Leo Gee-Hum Siu, Hong Kong  
B.S.E. (San Diego State College); M.Eng. (University of Oklahoma)  
Field of Specialization: Computer and Information Science

Thomas Lee Sluss, Columbus  
B.E.E.  
Field of Specialization: Electrical Engineering

Michael Joseph Smith, Bridgeport  
Field of Specialization: Civil Engineering

Stephen Douglas Smith, Newark  
Field of Specialization: Electrical Engineering

Andrew James Spalla, Pittsburgh, Pa.  
D.D.S. (University of Pittsburgh)  
Field of Specialization: Dentistry

Frank Richard Stead, Parma Heights  
B.M.E. (Cleveland State University)  
Field of Specialization: Mechanical Engineering

B.S. (United States Air Force Academy)  
Field of Specialization: Physics

James Walter Swinehart, Columbus  
B.S.Agr.  
Field of Specialization: Horticulture

Jude Henry Terhall, Columbus  
B.S. (United States Air Force Academy)  
Field of Specialization: Computer and Information Science

William Bruce Thayer, Columbus  
B.C.E.  
Field of Specialization: Civil Engineering

George John Thrus, Jr., Parma  
B.S. (Case Institute of Technology)  
Field of Specialization: Metallurgical Engineering

1 Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
2 Also Bachelor of Civil Engineering, College of Engineering
3 Also Bachelor of Electrical Engineering, College of Engineering

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Joseph Lisa Tommy, Greensboro, N. C.
B.Sc. (Agricultural and Technical State University, North Carolina)
Field of Specialization: Agricultural Economics and Rural Sociology

Robert Herman Trempert, Lima
B.S. (Ball State Teachers College)
Field of Specialization: Biophysics

Cheryl Pearson Van Deusen, Columbus
B.S.Nurs.
Field of Specialization: Nursing

George Emerson Van Scoyoe, Columbus
B.S.Agr.
Field of Specialization: Agronomy

Sue Ann Vartali, Endwell, N. Y.
B.S. (State University of New York at Oneonta)
Field of Specialization: Home Economics

James Noel Vincel, Mayfield Heights
B.S. (Baldwin-Wallace College)
Field of Specialization: Chemistry

Abdul Syed Kazmi Waheed, Karachi, Pakistan
B.Sc., M.Sc. (University of Karachi)
Field of Specialization: Entomology

Steven Richard Wenner, Bucyrus
B.S.Phys.
Field of Specialization: Mathematics

Marvin Charles Whiting, Eagle Mountain, Calif.
B.S.
Field of Specialization: Geodetic Science

John Calvin Williams, Columbus
B.S. (University of Oklahoma)
Field of Specialization: Mathematics

• Robert Edmund Wills, Columbus
Field of Specialization: Welding Engineering

James Clark Wilson, Urbana
B.S.; D.M.D. (University of Kentucky)
Field of Specialization: Dentistry

Jerry Robert Wood, Columbus
B.S.C.E.
Field of Specialization: Civil Engineering

Ludmila Yarowa, Parma
B.A. (Case Western Reserve University)
Field of Specialization: Chemistry
The Colleges of the Arts and Sciences, a federation of five colleges, includes:

**College of The Arts**
Dean: Lee Rigby

**College of Biological Sciences**
Dean: Richard Bohning

**College of Humanities**
Dean: Arthur E. Adams

**College of Mathematics and Physical Sciences**
Dean: Richard P. Goldthwait

**College of Social and Behavioral Sciences**
Dean: Franklin P. Kilpatrick

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education. Candidates are listed on page 29.

**College of Biological Sciences**
Dean: Richard Bohning

Bachelor of Arts
Two candidates

Richard Sean Mosholder, Warren
John William Fyson, Sandusky

Bachelor of Science
Forty-seven candidates

Martha Sue Alexander, Columbus
Dale Charles Angerman, Navarre
Christopher Lee Baker, Lima
Thomas Allen Bartley, Springfield
Niece Dianne Castrider, Colorado Springs, Colo.
James William Cottrell, Columbus
James Patrick Crowley, Columbus
Gale David Culice, Columbus
Candace Kay Davis, Columbus
James Marshall Eames, Columbus
Herbert Ray Estis, Columbus
Dale Carleton Fazio, Solon
John Richard Fott, New Boston
Dana Duane Forshay, Caldwell
Steven Leslie Gardner, South Euclid
Jan Kenneth Garverick, Cardington
Jane Ann Grigor, Hartville
Gary Wayne Guren, Canton
Gary Haigh, Oberlin
Merry Hetrick Harrison, Columbus
John William Herbert, Orrville
Roger Lee Hoagland, Cincinnati
Darwin Clinton Jackson, Cleveland
Ronald Kapp, Brecksville
Robert Alan Kidikas, Hartville
Stuart Brooks Kinear, Hillboro
Elissa Gayle Klinge, Bayville, N. Y.
Richard James Kolson, Pittsburgh, Pa.
Carl Edwin Kuemzli, Nevada

Peter Mavroutichalis, Cleveland
Jack Lee Munsgrave, Columbus
David Warren Nice, Delaware
Robert Albert Nist, Eastlake
Sharon Marie Ondreyco, Elyria
Patrick Joseph Salone, Columbus
James Edward Sanders, Bellevue
Marc Allen Schwartz, Columbus
John Douglas Scibert, Toledo
Timothy Charles Shepherd, Ada
Steven Edward Smathers, Columbus
Timothy Luciernce Snyder, Dayton
Frank Henry Stieg, III, Fairfield
Nicholas Matthew Taflan, Belleaire
Sharla Ann Waltz, Lima
Virginia Anne Whitmer, Maumee
James Hutchison Williams, Jr., Columbus
David Leonard Wirtz, Cincinnati

**College of Humanities**
Dean: Arthur E. Adams

Bachelor of Arts
Sixty-nine candidates

Deborah Ann Ballam, Mt. Vernon
Linda Eleanor Bates, Dayton
Eileen Harner Biehl, Columbus
Randi Allen Boedicker, Lima
Carol Louise Born, Columbus
Margaret Eileen Buchanan, Wintersville
Rosanne Nowak Buckner, Cleveland
Doris Elsie Clarke, Cleveland
Larry James Cowgill, Cambridge
Samuel Bernhard Davis, Columbus
Katherine Barbara Drobot, Columbus
Jay Lowell Evans, Gallipolis
Brian Michael Flaherty, Columbus
Linda Strough Fishart, Columbus
John Roger Garbo, Jr., Willoughby
Timothy Alan Gibbs, Columbus
Donatella Vigo Glod, Milano, Italy
Barbara Jean Gustafeto, Fairfax, Va.
Robert Duane Hamm, West Milton
Barbara Pusack Harris, Cincinnati
Stanley Edward Hartman, Barberton
Bruce McNell Hayman, Rocky River
Richard Charles Heath, Columbus

*Also Bachelor of Science in Education, College of Education*
College of Mathematics and Physical Sciences
Dean: Richard P. Goldthwait

Bachelor of Arts
Seven candidates
Rebecca Lou Bowling, Massillon
Timothy Francis Kotyuk, Cleveland
Fred Jack Marinko, Willoughby
Gary Donald Miller, Lima
William Keith Peairs, Springfield
Nancy Lee Provenza, Lorain
Stephanie Shwartz Saltzman, Columbus

Bachelor of Science
Thirty-one candidates
Constance Sue Au, Lucas
David Scott Bira, Jefferson
Charles Roy Cooper, Maple Heights
Hugh Merrill Boyd Davis, II, Columbus
Bruce William Dean, Rittman
James Dale Deth, Lynchburg
Roger Lee Elsom, Columbus
Daniel Raymond Given, Jr., Columbus
Pat Lynn Guest, Perrysburg
William Francis Keitt, Hillsdale, N. J.
Stephen Robert Keiko, St. Albans, W. Va.
Stephen Frederick Kessler, Brockton, Mass.
Robert Alan Lewis, Columbus
Judy Ann Long, Columbus
Timothy Spiess Manchester, Lakeview
Robert Charles Martoglio, West Caldwell, N. J.
Robert Ray Merritt, Columbus
Richard Albert Morris, Lakewood
Thomas Gerald Nymik, Lorain
James Robert Pepfers, Dublin
Jeffrey Michael Roehl, Johnstown, Pa.
Timothy Robert Schulte, Mayfield
John Anthony Schwartz, Columbus
Theodore Roosevelt Smith, Columbus
David Elliot Strayer, Delaware
Dennis K. Strayer, Lima
Charles Robert Stuever, Dayton
Alvin Eugene Stuts, Fergus
Ronnie David Willis, Chillicothe
Nancy Jo Zink, Hamilton
Eugene Robert Zizza, Garfield Heights

College of Social and Behavioral Sciences
Dean: Franklin P. Kilpatrick

Bachelor of Arts
One hundred and forty candidates
Jacquelyn Yvonne Abbott, Cleveland
Toby Marlon Abrams, Tansneck, N. J.
Michael Hackney Adams, Columbus
David Clark Allen, Portsmouth
Michael Vern Ashton, Lima
Paul Martin Aucoin, Loveland
Lawrence Harris Babich, Marion
David Barry Ball, Columbus
Deborah Weickhardt Barr, Columbus
James William Blackburn, Columbus
David Edward Beker, Warren
John Michael Boland, Columbus
Donald Jay Brandt, Short Hills, N. J.
Leslie John Brinkerhoff, Mansfield
Steven Edwin Buck, Columbus
David Dwight Buckland, Lepshe
Roger Dean Burleson, Portsmouth
Jack Adien Carroll, Cincinnati
James Dominic Chillemi, Rocky River
Stephen Thomas Clark, Columbus
Carol E. Clarke, Columbus
Beverly Rae Claycombe, Columbus
Leonard Andrew Comeras, Columbus
Cornell Cotton, New Miami
Robert Gordon Crowley, Manassas, Va.
Terry Paul Darcangelo, Columbus
Anthony Davey, Columbus
Ronald Lee Davis, St. Marys
William Schaefer Day, Shaker Heights
Dominick Sabino Dennis, Springfield
Thomas Edward Deschler, Dayton
Mary Ethel Devaney, Rye, N. Y.
Steven Scott Doerr, Troy
Roger Thomas Dorer, Youngstown
Stanley Dub, Columbus
Harry David Farkas, South Euclid
Diane Iris Fellman, Euclid
John Crooks Tickle, Columbus
Gary Alan Fields, North Olmsted
Thomas Edward Fontana, Columbus
James Jefferson Forte, Columbus
John Fred Freeman, Columbus
Marlene Sharon Freeman, Utica, N. Y.
John Eugene Gerardi, Columbus

* Also Bachelor of Science in Education, College of Education

491
Jeffrey M. Goldberg, Great Neck, N. Y.  
Denny Louis Gunzelman, North Ridgeville  
Dianne Harrington, West Milton  
Michael Scott Hart, Flushing, N. Y.  
Mary Frances Hawthorne, Lynchburg  
Louis John Henry, Columbus  
Diane Macdonald Hoekman, Columbus  
Dale Arlen Hoover, Crestline  
Richard Louis Imfeld, Middletown  
Robert Alan Levite, Steubenville  
Lisa Ilene Landes, London  
Susan Shelley Edwina Lea, Newark, N. J.  
Thomas Lee Mangan, Dayton  
Gayle Ian Douglas Morgan, Berea  
Audrey P. Margaret Goldberg, Stras, O’Leary, O’Keeffe, Columbus  
Barbara Jane Burzard, Dover, Pa.  
Johanna Delores Columbus, Dayton  
Gwenivere Bronetta Crosby, Miami, Fl.  
Vicki Lynn Derr, East Liverpool  
Marlene Ann Enderlein, Cleveland  
Richard David Gilliam, Columbus  
Ronald Joseph Herman, Columbus  
Jeffrey Jay Levin, Akron  
John Paul Longenbaker, Columbus  
Devonna Simpkins Mumpford, Columbus  
Barry Lee Muck, Cleveland Heights  
Marvin Jeffrey Scheer, Toledo  
Katherine Joyce Schultz, Bay Village  
Albert Richard Wallace, Columbus  
Carol Lee Ward, New Hartford, N. Y.  

School of Journalism  

Bachelor of Arts in Journalism  

Twenty-one candidates  

Frank Edward Benson, Cleveland  
Joseph Anthony Boulware, Columbus  
Richard Dee Crump, Cleveland  
Michael Richard Davis, Columbus  
Thomas Lee Dillon, Canton  
Marilyn Gall Fitch, Columbus  
Brenda Kay Gates, Marion  
Cheryl Ann Goldman, Akron  
Warren Benton Gould, Freeport, N. Y.  
Gary Watt Hartman, Hamilton  
William Joseph Hummer, Columbus  
Alan Ira Karten, Plainview, N. Y.  
Robert Richard Little, West Union  
Calvin Byron Musseman, Jr., Galion  
Nicholas Leland Pope, Columbus  
Timothy Wayne Preston, Columbus  
Rita Stiteler Shade, Mansfield  
Paul Edward Shaltry, Columbus  
Robert Leslie Spector, Canton  
Jeffrey Leroy Steinbeck, Devon, Pa.  
Gerald Anthony Tebben, Plainview, N. Y.  

Bachelor of Science  

Sixteen candidates  

Marguerite Lynne Brown, Heath  

* Also Bachelor of Science in Education, College of Education  

492
Bachelor of Science in Business Administration

One hundred and thirty-one candidates

Gilmore, Paul Andrew, Columbus
Michael Elliott Harris, Charleston, W. Va.
Timothy Dale Harmon, Columbus
David Barrett Hartsook, Reynoldsburg
William Randy Hawley, Willoughby
Wendell Lloyd Hexemer, Fayette
Fred Blane Holecomb, IV, Cincinnati
Paul Herbert Holliman, Columbus
William Edward Holt, Lakewood
Craig Douglas Howard, Lima
Charles Edd Hoyle, Westerville
Mark Henry Johnson, Columbus
William Edward Jordan, Mansfield
Randall Wesley Kahn, Columbus
Peter Langdon Kaisor, Cleveland Heights
Richard David Kinsky, Maplewood, N. J.
Joseph Ladislas Keonig, Columbus
David George Kramer, Cincinnati
William Lane, Jr., Cincinnati
Leonard Allen Lazarus, Columbus
Michael Arthur Leatherman, Lima
Stephen Howard Litwiller, Newark
Alan Tunis Lord, Cincinnati
Catherine Herl Madden, Ashstabsa
David Franklin Martin, Dayton
Harold Morris Matison, Laurel, Miss.
Eugene Victor Mataszewski, Parma, B. A.
John Patrick McAndrew, Columbus
William Robert McFarlane, Cleveland
James Patrick McKinley, Columbus
Allen Ray McMillin, Jr., Logan
Robert Allen McVirker, Ashland
Willard Nicholas Merrill, Elmont, N. Y.
Michael Rudolph Mitterbolzer, Springfield
Wayne Helby Monday, Toledo
Richard William Moore, Worthington
Richard Sherman Morrison, Akron
William Gordon Nightingale, Hilliard
Craig Stephen Nolf, Akron
Sidney Alan Olkes, Cincinnati
Edward Rudolph Orehek, Euclid
William Thomas Osmer, III, Lakewood
Patrick Felix O'Sullivan, Reynoldsburg
Robert Freeman Page, Venice, Calif.
Gary William Panek, Fairview Park
Lee Alan Passell, Youngstown
Edward Anthony Pernal, Jr., Roosevelt, N. Y.
David William Pierson, Westerville
George McClellan Pryor, Jr., Columbus
Richard Robert Rodock, Columbus
Michael Albert Sanderell, Reynoldsburg
Michael Preston Sarcy, Columbus
Michael Nelson Schaeffer, Cincinnati
John Henry Schenkberger, Massillon
Steven Ben Schwartz, Shaker Heights
James Nelson Sears, Parma
Roger Dale Shadley, Wilmington
Wayne Norman Shaw, Columbus
Edwin Paul Shidaker, Wilmington
Stephen Douglas Skinner, Columbus
Keith Denton Smith, Columbus
Randall Wayne Smith, Navarre
James Michael Sterner, Columbus
Gary Thomas Suhay, Independence
Mark Christopher Sutterley, Haddonfield, N. J.
Jeffrey Emmet Taylor, Youngstown
Karen Ona Tinley, Russell's Point
Michael Tomson, Cincinnati
Howard Edgar Tweddle, Jr., Marion
Karl Rodney Underwood, Portsmouth
Donald Lee VanLinge, Lancaster
Charles Vegh, Amherst
Daniel Joseph Venters, Grove City
Gary Lee Vogel, Kinsman
Thomas Leroy Wagner, Massillon
Marilyn Kay Walker, Fremont
Robert Edwin Wayland, Brook Park
Justin Charles Weber, Jr., North Bend
Susan Pontious Whitmer, Columbus
Charles Emory Williams, Johnstown
Sally Lee Yassenoff, Columbus
William Fred Yount, III, Portsmouth
Howard Alex Zuckerman, Cleveland

School of Social Work

Bachelor of Science in Social Welfare

Fifty-two candidates

David William Ball, Pickerington
Marlene Sandra Burnin, Philadelphia, Pa.
Carol Louise Bennett, Highland Park, N. J.
Julie Margo Bowen, Cincinnati
Gayle Eileen Britton, Cleveland
Carolyn Sue Brown, Cincinnati
Susan Carol Cooper, Dayton
Margaret Mary Davey, Cleveland
Nancy Ruth Davis, University Heights
Larry Richard Dawson, Dayton
Janet L. Fein, University Heights
Nancy Beth Fink, Celina
Deborah Sherman Finkel, Encino, Calif.
Bernice Lynne Galer, Staten Island, N. Y.
Debra Sue Genshaft, Canton
Jean Roseanne Hoyt, Alexandria
James Lee Jacomet, Troy
Deborah Alice Jamerson, Wichita, Kan.
Elaine Louise Johnson, Cincinnati
Christine Jonasse, Rochester, N. Y.
Susan Gay Kallmann, Erie, Pa.
Kathleen Ann Little, Columbus
Carol Jean Litzler, Mansfield
Peggy Sue Lloyd, Rocky River
Rebecca Theresa Lynch, Ashtabula
Lois Glenn Mathis, Columbus
Susan Beverly McIntyre, Stow
Ted Jeffrey Nathan, University Heights
Patricia Simon Nyce, Rossford
Stephen Michael Prilisko, Parma
Susan Jean Reimers, Worthington
Susan Darlene Renner, Kettering
Cathy Sue Roseman, Tiffin
Richard Lewis Saltzman, Shaker Heights
Rebekah Ann Sims, Cincinnati
Yvonne Thurman Smith, Columbus
Gwendolyn Stokes, Springfield
Deborah Jo Thurston, Columbus
Terry Lynn Vineur, Shaker Heights
Carol June Walters, Youngstown
Carol Anita Zelizer, Columbus
Joseph Edward Ziemnik, Jr., Parma

Bachelor of Science in Agriculture

Ninety-one candidates

William Carl Andree, Parma
David Ashbury Bailey, Powell
John Frederick Bayhins, Rushylvania
Bruce K. Beery, Burbank
David Edward Bils, Upper Sandusky
Ralph Jacob Bittel, Parma
Timothy Harness Boyd, Orient
Jack Lee Brinker, Gibsonburg
Thomas James Budisask, Berea
Michael Francis Burkart, Fairfeld
Gary Michael Camp,
Parkersburg, W. Va.
Ronald Earl Carlton,
Cuyahoga Falls
Terry Lynn Chast vein, Oak Harbor
Marlin George Clark, Jefferson
John Alan Coey, Columbus
Jeffrey Lynn Corbett, Dorset
Leonardo Rafael Corral, Richamba, Ecuador
Richard Louis Crosby, Kingston
Lawrence P. Cucic, Wakeman
Robert Michael Daniels, Sunbury
Michael Frederick Devers, Paulding
Francis Alfred DiMarco,
Saddle Brook, N. J.
Debra Jones Endsley, Kirtland
Randall Eugene Eppley, Bucyrus
Jonathan Kieckner Ewald, Tiffin
Courtney Kathleen Flinn, Houston
James Gifford Fowler, III, Mt. Vernon
Vincent Mark Franze, Albany, N. Y.
Donald Neil Frombaugh, Litchfield
Richard Joseph Ghiloni, Newark
William Lee Gibson, Williamsport
Robert Lester Gochnauer,
Apple Creek
Steven Allan Goldstein,
Laurelton, N. Y.
Charles Gary Gray, Columbus
John Earl Gruss, Tiffin
Charles Truman Hamlin, Jr., Newark
Robert James Harmon, Kingsville
Lad William Harrison, Wellington
Craig Leslie Hill, Columbus
Howard Andrews Hill, Berlin Heights
Thomas Richard Hoffman, Warren
Charles Alan Holden, Mt. Cory
Severn Elia Hopkins, Madison
Douglas Edward Hunt, New Madison
William Woodruff Joinl, Sidney
William Howard Judd,
West Seneca, N. Y.
Raymond Junak, North Royalton

Thomas Richard Kaufman,
Jeromesville
John Richard Kennedy, Rushylvania
Donald George Lane, Galena
Ronald William Lauchar, Galion
Raymond Mark Locke, AUSTINTOWN
Richard Lynn Manley,
East Rochester
Charles Scarf Martin, Dayton
Gary Allen McDonald, Chardon
Robert Wesley McEoy,
Elizabethtown, N. C.
John Wayne McNesly, Dayton
Mark Anthony Meier, Mt. Vernon
Glenn Scott Middleton, Sidney
John Harold Miller, Clyde
Dale Samuel Misko, Yorkville
John Edward Murphy, Dayton
Jesse Paul Mutchler, Oceola
Keith Lowell Neer, Mechanicsburg
Bonnie Kiesel Nichols, Cleveland
*William Geoffrey Owen, Cincinnati
Michael Darrell Platt, Worthington
Ray Webster Rabenstein, Geneva
John David Roof, Kenton
John Edwin Rose, Cambridge
David Charles Ruppert, Dayton
Charles James Salter, Elyria
Richard Leo Schusterbeck, Lewisburg
Alan Lynn Schott, Rockford
Gary Franklin Sharp, Lancaster
John Franklin Siegel, Covington
David Barrett Smith, Hillboro
Nancy Leigh Smith, Delaware
Richard William Stover, Columbus
Bradley Joe Stuckman, Bucyrus
Norman Herbert Thomas,
Washington, C. H.
William Edward Thompson, Delphos
Stephen Findlay Tranquere,
North Syracuse, N. Y.
Scott Lee VanHorn, Athens
Peter Gregory Weber, Wauseon
Roger J. Wright, St. Paris
Donald Byron Wurm, Westerville
Lawrence Earl Yarman, Mt. Vernon
Greg Lindsay Young, Columbus

Bachelor of Science in Dairy Technology

Three candidates

Richard Bernard McAndrew, Jr., Hamburg, N. Y.
Phillip Roland Mueller, Minerva
Jorge Luis Prieto,
Caracas, Venezuela

* Also Master of Science, Graduate School
Bachelor of Science in Nutrition
One candidate

Cynthia Louise DeNiro, Alliance

School of Home Economics

Bachelor of Science in Home Economics
Forty-two candidates

Gretchen Andres, Louisville, Ky.
Cathy Ann Barmen, Sidney
E. Maureen Berry, Highland
Dona Hillis Black, Columbus
Beverly Anne Brod, Worthington
Karen Elaine Caldwell, Columbus
Cheryl Jones Dozier, Groveport
Victoria Anne Drake, Columbus
Susan Karlene Duza, Warren
Geraldine Fox Endres, Apalachin, N. Y.
Cheryl Ann Eppley, Bucyrus
Connie Thompson Fruehan, Kenton
Suellyn Mick Goels, Galena
Carole Dee Gonda, Canton
Jenny Lou Hamman, Clarkesburg
Joyce Turner Kerns, Huron
Nancy Susan Leatherman, Lima
Faye Ellen Levy, Springfield
Karen Lemley Lloyd, Bellefontaine
Sandra Kay Lohr, Nevada
Rita Sears Lubber, Germantown
Linda Miller Masters, Jackson
Denise Eleanor McGill, Cincinnati
Sharon Kaye McGuire, Coshocton
Karen Brodneye McLemore, Oakmont, Pa.
Virginia Saudek Neumann, Columbus
Barbara Kelley Nicol, Milford Center
Shelley Seekins Owen, Columbus
Marilyn Leet Penrod, Bethel, Md.
Shiranne Yoakam Perkins, Richwood
Dorothy Elva Risberg, Cleveland
Nancy Jane Rose, Kingsport, Tenn.
Emma Lynn Schmitt, Waverly
Pamela Jane Segrin, Swanton
Sandra Jayne Silber, Lakewood
Connie Schwarm Stieger, Columbus Grove
Kathleen Sue Smith, Cadiz
Leslie Hannaway Smith, Columbus
Patricia Ann Smith, Columbus
Mary Ellen Weber, Cincinnati
Judy Kaye Wright, Springfield
Linda Sue Zellinger, St. Louis, Mo.

Bachelor of Science in Education
Three hundred and fifty-four candidates

Darlene Parrish Allen, Newark
Linda Lee Aitken, Lisbon
Sharon Clarke Ashford, Bedford
Jeffrey Nelson Atwood, Rochester, N. Y.
Elise Gayle Auerbach, Beachwood
Linda Sue Ayers, Reynoldsburg
Ronald Dean Bach, Columbus
Joyce Mahoney Bahnmer, Newcomerstown
Bruce Barton Bain, Newark
Richard Farrington Barricklow, Newark
Rebecca Dawn Bartlow, Canton
Marian Short Bass, Marion
Linda Dunn Bean, Sardis
Elmer Leroy Belcher, Columbus
Christine Betz, Dublin
Constance Abahire Beukema, Columbus
Barbara Ann Biggert, North Olmsted
Erma Anne Bikali, Canton
Nicolena Katherine Biscuse, Columbus
Richard Martin Blatt, Reynoldsburg
Marlene Mervle Block, Lorain
Sherry Lynn Blyveis, Benton Harbor, Mich.
Margaret Ann Bobay, Columbus
Trudy Kothmayer Bope, Columbus
Carol Louise Born, Columbus
George Malcolm Bouldin, Columbus
Althea Ann Bowman, Elyria
Diane Sue Bratton, Worthington
Constance Elaine Braun, Lakewood
Karen Christine Brekke, Akron
Susan Breslow, River Edge, N. J.
Betty Mock Brown, Nova
Linda Burns Brown, Columbus
Susan Thaw Brown, Marion
Annabelle Oler Burgraff, Cardington
Jeanann Fink Buruma, Willard
Michael John Cahill, Fort Mitchell, Ky.
Stephen Birk Calhoun, Kettering
Mary Rita Caplin, Marion
Timothy James Carpenter, Chesterland
Sandy Kubba Caster, Mt. Gilead
Jane Rita Catalano, Woodville
David Frank Cattran, Lancaster
Melinda Marie Chaney, Lima
Wayne Edwin Channell, Seneacville
David Foster Clegg, Belleville

College of Education
Dean: Luvern L. Cunningham
James Andrew Coburn, Toledo
James Alan Coe, Willard
Diana Marie Cohen, Canton
Linda Gail Colbert, Cincinnati
Michael Ralph Compton, Columbus
Gary Lee Conrad, Loudonville
Kathryn Marie Contri, Dover
Diane Davis Cottrell, Lima
Thomas Neal Cowling, Cleveland
Patricia Bellar Crist, Columbus
Richard Jay Cry, Vienna, Va.
Sharon Smith Curie, Canton
John David Curry, Wapakoneta
Lawrence William Daiber, Lyndhurst
Jo Ann Damon, Brecksville
Lynne Caryl Daniels, New York, N. Y.
Janet Catherine Darchuk, Parma
Jo Ann Damon, Brecksville
James Andrew Coburn, Toledo
Barbara Diann Frankenfield,
Becky Lee Foster, Miamisburg
Karyl Jean Fortney, Columbus
Beverly Jean Flora, Reynoldsburg
Flynn Lorin Fischer, Cincinnati
Ellen LuAnne Steinfurth Elliott, Columbus
Sue Essig, Eckstein, Columbus
Sue Lee Ellis, Columbus
Sue Ezell, Ellwood, Pa.
Colleen Sue Filipp, Columbus
Flynn Lorin Fischer, Cincinnati
Beverly Jean Flora, Reynoldsburg
*Linda Strough Fluhart, Columbus
Vincent Kampinski, Akron
Karyl Jean Fortney, Columbus
Barbara Franck, Portand, Ore.
Barbara Diann Frankland, Columbus
Robert Loren Frankland, Akron
Vera Suzanne Frey, Plain City
Mary Ann Frank, Dover
Donna Mary Fullenkamp, Botkins
Alan Leroy Gabbrian, Westerville
William Joseph Gathergood,
Monroeville
Robert Paul Gentin, Springfield
Diane Balcar Getz, Grove City
Penny Anne Gibson, Marion
Richard Rex Gillin, Lima
Andrea Lynn Glitchrist, Cincinnati
Susan Marie Giovanello, Columbus
Nadine Graves, Galion
Vicki Lee Grieve, Columbus
Arlene Sue Gutter, Columbus
Karen Sue Haas, Cleveland
Lyane Elizabeth Haley, Belleville, N. J.
Donald Bruce Hange, Jeromesville
Lillian Juliana Harmath, Cleveland
Martha Hoppe Harmon, Columbus
Brenda Thelma Harper, Warren
Edward Joseph Harris, Youngstown, N. Y.
John Wilson Hart, Shelby
Dennis Ray Hartman, Columbus
Douglas Earl Hawthorne, Blanchester
Joellen Rorie Hayes, Columbus
Susan Ellen Hegg, Toledo
Audrey Lee Heining, Independence
Beverly Ann Heitzman, Cincinnati
Sheri Lea Heit, Cleveland
Joyce Iris Hendrickson, Delaware
Barbara Weidner Hering, Cincinnati
Becky Catherine Hess, Columbus
Rita Grazia Hickey, Wilberforce
Eva Longacre Hickman, Fulton
John Joseph Higgins, Columbus
Shirley Handly Hilderbrand, Upper Sandusky
Jerry Hill, Dayton
Penny Sweeney Hinkle, Lima
Beth Janene Hitt, Bryan
Kathleen Joan Hocker, Galion
Penelope Williams Hodges, Mansfield
Susan Hartmann Hoff, Mansfield
John Terry Hogan, Deagraf
Karen Ann Hosey, Columbus
Cheryl Miller Hower, Spencerville
Kathryn Doolan Hoyt, Columbus
Susan Murbach Hunt, Elyria
Elizabeth Ann Hyman, Cincinnati
Raymond Gerard Inglis, Grove City
Janet Elaine Irvin, Lexington
Paulie Jackson, Hinckley
Donald Edward Jedlicka, Cleveland
Phyllis Martin Kairis, Wooster
Paula Vincent Kampinski, Cleveland Heights
Karen Anne Kane, Brunswick
John Robert Karg, Grove City, B.S.
Thomas George Karvasale, Columbus
Georgia K Keehl, Columbus
Kathryn Mault Kemp, Westerville
Janet Elaine Kempfer, Kettering
Douglas James Kenenh, Columbus
Sally Howell Kennedy, Heath
Steven Murray Kerrick, Brunswick
Jacqueline Renee Kier, Wilmette, Ill.
Kathleen Ann Kirkpatrick, Canton
Kathleen Sue Kirkpatrick, Columbus
Karen Anne Klauer, Granville
Barbara Josephine Klein, Columbus
Rosalie Cummings Kleine, Rockville, Md.
Wendy Klepper, Flushing, N. Y.
Elaine DeGreve Klopfenstein, Crestline
Richard Steven Klobenz, Shaker Heights
Phyllis Ann Koerner, Edgerton
Gary Patrick Kopp, Columbus
Elizabeth Scilo Koeyster, Columbus
Barbara Jane Krick, Lima
Janene Adell Lacey, Worthington
Mary Ellen Lang, Mt. Vernon
Barbara Eckler, Lapworth, Newark
Suzanne Gwen Larrimer, Columbus
Cecilia Carolyn Lee, Dayton
James Allen Lee, Columbus
William David Lee, Continental
Kenneth Joe Lehrman, West Liberty
Claude David Lewis, Lima
Robert Harvey Lewis, Wickliffe
Cynthia Ann Lichty, Kenton
Marilyn Gassman Lieb, Columbus
Ann Lilegren, Westerville
Shirley Jane Lind, Canton
Richard Leamender Logan, Columbus
Starlyn DeLony Logan, Put-in-Bay
John Wesley Long, Greenwich
Robert Francis Long, Johnstown
Roger George Long, Montpelier
Cheryl Lee Mack, Castalia
Linda Jean Maddux, Heath
Rochelle Debbie Madov, South Euclid
Donna Wahl Manginni, Columbus
Helen Smith Mao, Columbus
Ellen Marcus, Beachwood
Patricia Rohde, Marder, Columbus
Stephen Smith Marriott, Columbus
Henry Andrew Martin, Columbus
Phillip Lyle Matteo, Grove City
Jonathan William Mauch, Cincinnati
Margie Lee McBride, Mansfield
Nancy Lee McBride, Columbus
Kathleen Bernice McCabe, Lakewood
Paul Norman McKinley, Jr., Kenton
Elizabeth Ann McKinney,
Olmsted Falls
*William Patrick McLoughlin, Columbus
Nancy Leffler McMullen, Lima
Nancy Hayden McVay, Newark
Edward Bandel Miller, Norwalk
*Gayle Temma Miller, Cleveland Heights
Michele Barclay Miller, Chey Chase, Md.
Pamela Scott Miller, Lima
Thomas Edward Miller, Sardinia
Ruth Matthews Moening, Cincinnati
Mary Ellen Montgomery, Quincy
Brian Hill Mooney, Columbus
Patricia Rizzotto Moore, Allentown, Pa.
Kathleen Mary Ann Moran, Niles
Rebecca Witton Morgan, Martins Ferry
Nancy Lou Morris, Columbus
Marylyn Ann Myers, Rocky River
Shirley Anne Myers, Columbus
James Michael Novak, Lorain
Sue Ellen Noewels, Loudonville
Ruth Emilie Nowles, Cadiz
Kathleen Mary Ort, Cleveland Heights
Sally Higgs Osterholt, Marion
Michele Padersky, Norfolk, Va.
Anthony John Paulina, Marysville
Nayna Comer Pauf, Lima
Peggy Frankel Pavlick, Shaker Heights
Candy Miley Peak, Marion
Donna Jean Peck, Houston, Tex.
Linda May Peet, Dayton
Susan Lindberg Pelich, Worthington
Phyllis Ann Pew, Coshocton
Carolyn Faith Polster, Shaker Heights
Linda Margaret Prater, Beverly
Mary Lynn Pratce, Lorain
Beverly Joanne Preece, Kenton
Brenda Joyce Price, Kenton
Shelley Paula Price, Cherry Hills, N. J.
Daniel Raymond Prieler, Parma
Jane Child Queen, Canton
Margarit Ann Raferty, Cranford, N. J.
Faith Blumenesch Rapp, Lima
Deborah Senmeier Ratliff, Mansfield
Timothy Allyn Reich, Sandusky
Robert F. Reichelderfer, Columbus
Michael Douglas Rein, Columbus
MaryLawnon Reynolds, Columbus
Michael Alan Reynolds, Columbus
John Clifton Roberts, Canfield
Lorraine Lynne Roberts, Cleveland
Suzanne Robinson, Willard
Janice Louise Roginski, Toledo
John Arthur Ross, Columbus
Linda Sue Rowan, Galion
Laurie Anne Rowe, Toledo
Deborah Robey Russell, Massillon
Judith Sara Ryzman, East Patterson, N. J.
Ann Marie Sabath, Brooklyn
Jacqueline Annette Samuel, Cleveland
Patricia Sieger Scharer, Galion
Linda Kay Schwartz, Roslyn Heights, N. Y.
Vera Jane Seelenbinder, Springfield
Carol Grubbs Seller, Troy
Karen Driscoll Shafer, Columbus
Deborah Pearl Shanok, Chicago, Ill.
Martin Joel Shapiro, Kendall Park, N. J.
B.A. (Trenton State College)
Shirley Irene Shedlock, Byesville
Louise Josephine Shepherd, Columbus
Anita Belle Sheumaker, Columbus
*Carol Virginia Shuman, Cincinnati
Thomas Lawrence Silver, Santa Monica, Calif.
Jean Jackson Siriano, Mansfield
Diane Yaste Skidmore, Dayton
Robert Dale Skinner, Columbus
Eileen Skolnik, University Heights
Earl Webster Sloniker, Newark
Cathryn Marie Smith, Mansfield
Georgia Hudson Smith, Columbus
Jeffrey Louis Smith, Columbus
Stephan Ray Smitsen, Bethel
Nancy Jo Snyder, North Olmsted
Rosemary Loer Sova, Columbus
Sandra Hampton Spayde, Mansfield
Richard Thomas Spencer, Columbus
Marsha Elaine Sproul, Waynesfield
Paula Kay Stamm, Mansfield
Pauline Mutti Staneart, Stone creek
Linda Sue Staudt, Lima
Cinda Davis Stein, Findlay
Debra Dickeen Steinhassuer, Grove City
Brenda Todd Steinhoff, Grove City
Kathy Marie Stenecker, St. Marys
Garry Lynn Stineheffer, Bucyrus
Thomas Michael Swedenborg, Aftonabila
Eugene Philip Sweaney, Jr., Amberst
Kent Phillip Sweaney, Worthington
Ellen Sonkin Sylvia, Bogota, N. J.
Donna Louise Talbott, Columbus
Carolyn Cummings Taylor, Westfield, N. J.
David Leon Taylor, Hillsboro
Patricia Ann Taylor, Columbus
Nora Eileen Thombs, Columbus
Ellen Fox Thompson, Orient
Stephanie Maria Thompson, Columbus
Anne Marie Thrush, Worthington
Louise Mackenzie Todd, Shaker Heights
Robert Dale Tong, Jr., Upper Sandusky
Kathryn Jean Tockonos, Jefferson
Margaret Dorothy Tockonos, Jefferson
Shirley Ellen Traback, Cleveland
Joan Carol Traphagan, Columbus
Cathy Connolly Washington Trent, Columbus
Robert Hugh Tripp, Metamora
Ivy Jean Tucker, Columbus
Roberta Benedict Ulmer, Columbus
James Alan Utzinger, Kettering
Timothy Richard Wagner, Columbus
Edythe Lowe Waite, Lexington
Ann Margaret Wala, Mansfield
Duane Michael Ward, Bedford Heights
Iale Russell Warton, Holland
David Scott Warton, Holland
Judith Arnette Wexler, University Heights
Terrill Miles Weber, Shelby
Lynda Marie Weems, Cleveland
Elysse Folsbue Weiner, Monroeville, Pa.
James Michael Weiner, Cincinnati
Richard Alan Wels, Columbus
Janice Nina Wels, Springfield
Marcia Sue Wells, Metamora
Bonnie Alene Wheeler, York, Pa.
Jean Klinghism Whithworth, Columbus
Karen Ann Whif, Columbus
Kay Dean Williams, Wilmington
Patricia Anne Williams, North Olmsted
Terry Lynn Williams, Waynesfield
Mary Margaret Winke, Port Clinton
Karen Sue Wohlstein, Peeskill, N. Y.
Timothy William Woolfe, Fairborn
Constance Dorothy Workman, Hudson
June A. Yamazaki, Wooster
Marilyn Louise Yeager, Columbus
Karen Davis Zellers, Columbus
Peggy Weaver Zimmerman, Pickerington
* Also Bachelor of Arts, Colleges of the Arts and Sciences
Bachelor of Art Education
Offered jointly by the College of The Arts and the College of Education
Sixteen candidates
Phyllis Jean Blott, Niles
Rita Marshall Casan, Grove City
Ann Helene Fessler, Maumee
Susan Hecox Gallagher, Perrysburg
B.F.A.
David Lee Harlan, Glenford
Susan Flynn Hawk, Dover
Ann Smith Kaufher, Columbus
Susan Yassenoff Klebold, Columbus
Patricia Looker Miller, Worthington
Kathy Basinger Oates, Kenton
James Russell Pilbeam, Archbold
Lynne Nancy Rosenthal, East Meadow, N. Y.
Carol Jean Rotzinger, Sylvania
Janet Adrian Schwartz, Pecos, N. Y.
Karen Elizabeth Slaugenhaupt, Niles
Phyllis Rankin Zlasney, Sandusky
B.F.A.

Bachelor of Music Education
Offered jointly by the College of The Arts and the College of Education
Twelve candidates
William Lewis Bolin, Columbus
Jerry Charles Drake, Van Wert
Michael Anthony Egan, Reynoldsburg
Darlene Marie Hanuzak, Cleveland
Joan Bonham Hoover, Toledo
Katherine Elizabeth Hubbard, Toledo
Mary Brown Schilling, Columbus
James Frederic Shrader, Granville
John Lincoln Staebl, Willowick
Huey White, Cleveland
Linda Nack Wilson, Westerville
Nancy Davis Yates, Columbus

Bachelor of Science in Aeronautical and Astronautical Engineering
Seven candidates
James Karl Blackstone, Galena
Frederick James Brannan, Massillon
Teryl Timothy Craig, Ripley
David Gary Foust, Worthington
Frank Joseph Madi, Lorain
Roman Malysz, Parma
Joseph George Stahovec, Lore City

Bachelor of Science in Agricultural Engineering
One candidate
Kenneth Allen Stogall, Blanchester

Bachelor of Chemical Engineering
Two candidates
*David Roy Boodey, Peninsula
James Andrew Nyce, Rossford

Bachelor of Science in Chemical Engineering
Two candidates
Michael James Clark, Avon Lake
Michael Joseph Katila, Fairport Harbor

Bachelor of Civil Engineering
One candidate
*Michael Joseph Smith, Bridgeport

Bachelor of Science in Civil Engineering
Twelve candidates
James George Beasley, Seaman
James Edward Brenneman, Lima
Terry Alan Hoppes, Springfield
Stephen Andrew Hudacek, Bethlehem, Pa.

Bachelor of Science in Computer and Information Science
Ten candidates
Marvin Jay Denny, Middleburg Heights
Jeffrey Lynn Haas, Chesterland
Lynn Douglas Hargrove, Casper, Wyo.
Larry Gene Hathaway, Columbus
Vernon Keith Hering, Columbus
Robert Anthony Palermi, Columbus
David Eugene Pritchard, Olmsted Falls
Ronald Lee Sellers, Columbus
Richard Charles Sponable, North Syracuse, N. Y.
John Anthony Struzzi, Westmoreland City, Pa.

Bachelor of Science in Electrical Engineering
Thirteen candidates
David Lee Allen, Ramsey, N. J.
David Charles Claes, Shelby
Frank Edward Ivan, Jr., Columbus
Kim Tien-Tze Koo, Columbus

* Also Master of Science, Graduate School
College of Medicine
Dean: John A. Prior, M.D.

Dale Wesley Lukens, London
George Congdon Mayhew, Jr., Youngstown
Frank Thomas Miceli, Laurelton, N. Y.
Robert Carl Ransbottom, Mansfield
William Chester Scott, Columbus
Joseph Szanati, North Ridgeville
Robert Paul Walker, Columbus
Dennis Earl Winchell, Chagrin Falls
Dennis Paul Yenke, Springdale

Robert Carl Ransbottom, Mansfield
William Chester Scott, Columbus
Joseph Szanati, North Ridgeville
Robert Paul Walker, Columbus
Dennis Earl Winchell, Chagrin Falls
Dennis Paul Yenke, Springdale

Bachelor of Science in Mechanical Engineering
Nine candidates
James Harmon Anderson, Lowell
Diego John Ardini, Columbus
John Allen Bartolomucci, Shady Grove
Charles Albert Beard, Jr., Mansfield
David Arch Billmire, Columbus
David Earl Enting, Columbus
Michael Duane Faison, Hanoverton
Harold Aloysius Fischer, Wapakoneta
Harold Frasure, Columbus

Bachelor of Mechanical Engineering
Two candidates
Richard Alan Bell, Middlefield
Steven Darryl Richardson, Penfield, N. Y.

Bachelor of Science in Mechanical Engineering
Nine candidates
James Harmon Anderson, Lowell
Diego John Ardini, Columbus
John Allen Bartolomucci, Shady Grove
Charles Albert Beard, Jr., Mansfield
David Arch Billmire, Columbus
David Earl Enting, Columbus
Michael Duane Faison, Hanoverton
Harold Aloysius Fischer, Wapakoneta
Harold Frasure, Columbus

Bachelor of Science in Medical Technology
One candidate
Karen Sue Brown, Columbus

Certificate of Nurse Anesthetist
Three candidates
Joe Clee Black, Gallion
Robert Forest Davis, II, Paulding
Hilda Susanna Jamison, Chippewa Lake

Certificate of Post Baccalaureate Medical Technologist
Two candidates
Denise Chandonnet Loofbourrow, Columbus, B.S.
Chia-chen Liu Wu, Oak Park, Ill. B.S. (Taiwan Provincial Chung-Hsing University)

School of Nursing
Bachelor of Science in Nursing
Forty-five candidates
Carol Ann Ashton, Red Lion, Pa.
Beverly Calcalla Barone, Columbus
Susan McIlroy Baxter, Worthington
Valerie Joy Bayne, Lorain
Deanna Lorenz Bukovec, Lakewood
Linda Marie Buyer, West Unity
Peggy Rose Coldwell, Mt. Gilead
Tonya Lee Dawson, Dayton
Nancy Jane Emery, Aurora
Linda Faye Erlich, University City, Mo.
Catharine Anne Fry, North Vernon, Ind.
Elaine Ferrell Gardner, New London
Sandra Lee Gedeon, Hinsdale
Elaine Foster Glass, Springfield

* Also Master of Science, Graduate School
Kathlyn Ann Halderman, Toledo
Marilyn Louise Hanerwork, Salem
Rebecca Sullivan Haveman,
New Paris
Charles William Henkle, Columbus
Nancy Ann Holter, Pomeroy
Faithy Ford Justin, Cleveland
Rita Kay Kelly, Washington C. H.
Andrea Vidmar Kusar, Euclid
Kathleen Johnson Lennon, Navarre
Deborah Diane Lumley, Carrollton
Marilynn Kae Mandas, Dayton
Patricia Elaine McDonald, Columbus
Harriett Melinda Miree, Cincinnati
Edith Jane Morse, Venedocia
Jean Olovitch, Chesterfield, Mo.
Sandra Glasman Reich, Akron
Ollie Arnold Richards, Columbus
Dona May Richter, Salesville
Anita Smith Sayers, Cincinnati
Sister Kathleen Marie Scott,
Struthers
Nancy Lee Shallenberger, Marietta
Patricia Ann Smith, Long Bottom
Sally Joan Stein, Columbus
Dorothy Jane Stewart, Marion
Kathleen Marie Swift, Hudson
Joyce Elaine Wells, McComb
Renee Marie Wendt, Worthington
Rachel Renee Werner, Cleveland
Deloris Imogene Wharton, Marion
Donna Lynn Wysong, Kettering
Kathleen Ann Yacobuzzi, Amherst
Graduates with Honors

**Summa Cum Laude**

Dale Charles Angerman, Navarre  
Richard Alan Bell, Middlefield  
David Scott Birsa, Jefferson  
Diana Marie Cohen, Canton  
Diane Davis Cottrell, Lima  
David Earl Enting, Columbus  
James LeRoy Gesler, Pandora  
Andrea Lynn Giebhs, Cincinnati  
Elaine Fosler Glass, Springfield  
Brenda Thelma Harper, Warren  
Elaine DeGreve Klopfenstein, Crestline  
Catherine Herl Madden, Ashtabula  
Gerald Joseph Michalec, Mentor  
Jean Olvich, Chesterfield, Mo.  
Marlyn Lea Fenrod, Bethesda, Md.  
Michael Nelson Schauffler, Cincinnati  
Vera Jane Seidenbinder, Springfield  
Karen Elizabeth Slaggenhaupt, Niles  
Stephen Douglas Smith, Newark  
Sandra Hampton Spayde, Mansfield  
Sharon Ann Tesi, North Canton  
Norman Herbert Thomas, Washington C. H.  
Robert Edwin Wayland, Brook Park  
Mary Ellen Weber, Cincinnati  
James Hutchinson Williams, Jr., Columbus  
Carol Anita Zelizer, Columbus  

**Cum Laude**

Lawrence Harris Babich, Marion  
Marian Short Bass, Marion  
Thomas Mark Beitham, Cadiz  
Reed Richard Ettenger, Mansfield  
Susan Thaw Brown, Marion  
Rosanne Nawak Buckner, Cleveland  
Deanna Lorenz Bukovec, Lakewood  
Annabelle Oler Burggraf, Cardington  
Neele Dianne Caltrider, Colorado Springs, Colo.  
Beverly Rae Claycombe, Columbus  
Leonardo Rafael Cortial, Riohacha, Ecuador  
Donald Gerard Dawson, Rocky River  
Vicki Lynn Derr, East Liverpool  
Mary Ethel Devaney, Rye, N. Y.  
Cheryl Ann Essley, Bucyrus  
Deborah Sherman Finkel, Encino, Calif.  
Catherine Anne Fry, North Vernon, Ind.  
Donatella Vigo Gled, Milano, Italy  
Martha Hoppe Harmon, Columbus  
Barbara Fusaich Harris, Cincinnati  
Bruce McNeill Hayman, Rocky River  
John William Herbert, Orrville  
Beverly Catherine Hess, Columbus  

Dennis Adelbert Horazak, Columbus  
Katherine Elizabeth Hubbard, Toledo  
Michael David Imfeld, Middletown  
Janet Elaine Irvin, Lexington  
Darwin Clinton Jackson, Cleveland  
Patricia Kennedy, Cincinnati  
Stuart Brooks Kineaid, Hillsboro  
Shirley Jane Lind, Canton  
Carol Jean Litzler, Mansfield  
Timothy Spiess Manchester, Lakeview  
Jonathan William Mauch, Cincinnati  
Nancy Lee McBride, Columbus  
Kathleen Bernice McCabe, Lakewood  
Elizabeth Ann McKinney, Olmsted Falls  
Devon S. Munsford, Columbus  
Mary Jo Panzone, Columbus  
Anthony John Pauley, Marysville  
Erica Elizabeth Reiter, Columbus  
Dona May Richter, Salemville  
Dorothy Elva Rinehart, Cleveland  
John Edwin Rose, Cambridge  
Michael Preston Sarrey, Columbus  
Patricia Seeger Scharrer, Galion  
Richard Leo Schlotterbeck, Lewisburg  
John Douglas Seibert, Toledo  
Stephen Douglas Skinr, Columbus  
Cathryn Marie Smith, Mansfield  
Sally Jean Stein, Columbus  
Mary Elizabeth Stillwell, Elyria  
Elizabeth Ann Tewksbury, Hamilton  
Danny Robert Thompson, Oregon  
Ellen Fox Thompson, Orient  
Robert Louise Tipton, Dayton  
Shara Ann Waltz, Lima  
Jacinie Nera Wells, Springfield  
Gary Wilber, Cincinnati  
Marie Elaine Zeglen, Levittown, Pa.  

Summa cum laude and with Distinction in Animal Science  
Debra Jones Endsay, Kirtland  

Summa cum laude and with Distinction in History  
David Newton Marinielli, New Providence, N. J.  

With Distinction in Agricultural Economics  
John Franklin Siegel, Covington  

With Distinction in Dairy Science  
Robert James Harmon, Kingsville  

With Distinction in French  
Katherine Barbara Drohot, Columbus  

With Distinction in Natural Resources  
John Wayne McNeely, Dayton  

Summa cum laude and with Distinction in Dairy Science  
Bruce K. Beery, Burbank  
Richard Louis Cryder, Kingston  

Summa cum laude and with Distinction in English  
Laurie Gatherum MacFarlane, Columbus  

Summa cum laude and with Distinction in Agricultural Education  
William Geoffrey Owen, Cincinnati  

Cum laude and with Distinction in Animal Science  
Debra Jones Endsay, Kirtland  

Cum laude and with Distinction in History  
David Newton Marinielli, New Providence, N. J.  

With Distinction in Agricultural Economics  
John Franklin Siegel, Covington  

With Distinction in Dairy Science  
Robert James Harmon, Kingsville  

With Distinction in French  
Katherine Barbara Drohot, Columbus  

With Distinction in Natural Resources  
John Wayne McNeely, Dayton  

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The Board of Trustees met at its regular monthly meeting on Friday, April 7, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN

A. Nomination and Election of Dr. Harold L. Enarson, Ninth President of The Ohio State University

Mr. Shocknessy made the following statement and recommendation:

My report today will envision a decision to be made by this Board which it will undertake to make after having given the fullest of thought to the decision. Today this Board may make a decision which is the most important decision it has thus far been called upon to make and which may be the most important decision that it will ever be called upon to make. The importance of the decision invests the occasion with a certain solemnity Board meetings don't often have. Today is 'the day' I hope. Today is 'the day' of decision, I hope. Today is 'the day' when I hope the decision we make will have not merely importance today but it will have significance down the years of the future--significance to all of us here--significance to the whole State, as well as to the University which is represented by those of us who are here and significance to higher education in our country.

For more than a year we have been as a Board seeking a President for The Ohio State University to succeed the distinguished man at my right who has served this University so selflessly, so ably, and so well for 16 years. The Board has been assisted in its efforts by a Search Committee--a Committee which has another title but which we have come to know familiarly as the Search Committee. The Search Committee structure was suggested by President Fawcett. The Search Committee structure was created by this Board. President Fawcett in his whole administration has rarely done anything for this Board better than his recommendation for the structuring of the Search Committee. President Fawcett's recommendation of the structure envisioned representation on the Search Committee of every constituency of the University. The Search Committee was convened first under the Chairmanship of the immediate past Chairman of this Board, The Honorable John G. Ketterer. The Search Committee persevered over the period from then till today. The Search Committee has never wavered, has never faltered. The Search Committee has given unstintingly of its efforts, of its talents, and we are grateful for all the Search Committee has accomplished, for all the benefits that we as a Board and the University have derived from the efforts and labors of the Search Committee. The Search Committee over the months interviewed and otherwise examined the credentials of many prospects for the Presidency of this University. This Board has examined the credentials, this Board has conferred with many worthy prospects for the Presidency of this University. This Board has not until today offered the Presidency to any prospect. It has been rumored often that this or that prospect had been offered the position. This
Board never has and never would shop around for the office of the Presidency of this great University. This Board determined that it would not make an offer until it was assured in its collective mind that the person to whom it would make an offer would be able to accept the Presidency as well as to fulfill its manifold responsibility. The Search Committee rather recently presented us with several names. All the persons then named were interviewed, save one of that group, by a majority of this Board. That one who was not interviewed had asked that his name be withdrawn before the interviews were undertaken. I think it is to the everlasting glory of everybody who has had anything to do with the processes which have been applied over the recent past months that the confidentiality of the processes has been maintained.

And now I am ready to state that the several members of this Board here present today authorized me only just before this meeting to say that the Presidency of The Ohio State University will be offered at this meeting to Dr. Harold L. Enarson, the President of Cleveland State University. Dr. Enarson was born in Villisca, Iowa. He has three children and a wife; the wife is Audrey and she has been interviewed also by a majority of our Board. Dr. Enarson has an A.B. from the University of New Mexico, which was awarded in 1940; he has a M.A. from Stanford University, which was awarded in 1946; he has a Ph.D. from American University which was awarded in 1951. He has been the President of Cleveland State University since 1966. From 1961 to 1966 he was the Academic Vice President at the University of New Mexico; in 1960-1961 he was Administrative Vice President at the University of New Mexico; from 1954 to 1960 he was Director of Western Interstate Commission on Higher Education; in 1953-1954 he was Executive Secretary to the Mayor of Philadelphia; in 1953 he was Assistant Director of Commerce for the City of Philadelphia; from 1950 to 1952 he was Special Assistant, Office of the Assistant to the President in the White House; in 1949-1950 he was an Assistant Professor at Stanford University; from 1946 to 1949 he was Assistant Professor at Whittier College; from 1943 to 1946 he was in the United States Infantry; in 1942-1943 he was Budget Examiner, Bureau of Budgets in Washington.

Dr. Harold Enarson has distinguished himself as a teacher, researcher, and practitioner in the field of Political Science. He has been recognized throughout by his academic appointments and by virtue of government service at the national,
Mr. Shocknessy's statement (continued)

regional, state, and local levels. Dr. Enarson's advisory relationships include service in the National and International arenas and they have included assistance to such diverse fields and agencies as the National League of Nursing, United States Department of Agriculture, the Agency for International Development, the Commission on International Education, the American Council on Education, the Ford Foundation, and the Carnegie Corporation. Cleveland State University has come into being under his leadership during turbulent times in the history of American higher education. President Enarson has guided this institution well during its initial six years by taking an active part in the recruitment and development of a staff from the department level to personnel engaged in central administration tasks. As able faculty and administrators have joined the institution, Dr. Enarson has delegated responsibility and worked with the staff in such a way that he has earned a very deep loyalty and respect from those with whom he has been associated. Persons close to Cleveland State University describe Harold Enarson as a warm, humanistically oriented administrator who has been able to work effectively with a strong governing board. Dr. Enarson has enjoyed excellent relationships with students.

In addition to performance in the Presidential role of a rapidly growing urban University, Dr. Enarson has had a diversity of academic service in a variety of public and private institutions. Initial professional experience at Whittier College and at Stanford University has prepared him well for future responsibility at a large State University, New Mexico where he served successively in the roles of Administrative and Academic Vice President and at Cleveland State University.

Those who have followed Dr. Enarson's career over a period of years are quick to identify the extremely supportive role which Audrey Enarson has played. They describe her as tireless and innovative and they state as First Lady of this University she will be a great First Lady, worthy of following in the footsteps of the great First Lady we have had the past 16 years. We believe that Dr. Harold L. Enarson presents an excellent record as a university administrator; a record solidly built upon achievement, as well as strong student and faculty support. We further believe that Dr. Enarson if chosen by this Board today will be an outstanding President of The Ohio State University. We feel that he has exciting vision of the big mission for an institution such as Ohio State and that he is as worthy a man as could be found to follow the worthy man whom he would be following.
April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson, Ninth President of The Ohio State University (continued)

Mr. Shocknessy presented the following motion:

And accordingly, in accordance with law and the By-Laws of the Board of Trustees of The Ohio State University, I move the appointment and election of Dr. Harold L. Enarson to the Presidency of The Ohio State University, being the ninth in order of succession, effective September 1, 1972, at a salary of $50,000 per annum, and with all allowances, rights, privileges, perquisites, duties, and responsibilities of the office and subject to such other arrangements and adjustments from time to time as may be mutually agreed upon and in accordance with an oath of office to be taken upon his entrance upon duty. That is my motion.

Dr. Sirak has asked to be recognized as the first second but I believe all members of the Board who are present also will want to second the nomination incorporated in my motion. I have been advised Mr. Eckley, were he here, that he would offer to second the nomination of Dr. Enarson whom he knows well in Cleveland and I have been advised by Mr. Dunlap that he has been advised by Mr. Harrod that were he here he would offer a second. Accordingly, I shall consider formally as a second Dr. Sirak, who requested to make the second, and I shall formally recognize also as seconds all members of the Board who are present and informally the two members who are not present. Will the Secretary call the roll, please.

(All members present have voted in favor of the motion and I now declare the motion passed and Dr. Harold L. Enarson the next President of The Ohio State University. (Applause from Search Committee section.) And nobody is more entitled to applaud than those who applauded from the first rows on my left.)

Mr. Shocknessy continued with the following statement:

And now, I want to thank President Fawcett in behalf of the Board of Trustees for the structuring plan which was followed in creating the Search Committee which as I said before was composed of representatives of every constituency of the University. I want to thank the Search Committee for its monumental labors and for the enormously satisfactory result which
April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson, Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

has been achieved. The Search Committee, having completed its mission as envisioned, may now be dissolved with our expressions of gratitude which will be formalized by letter or scroll to be arranged for by the Secretary of this Board for each member who served on the Committee, including the first Chairman, The Honorable John G. Ketterer, who gave many months to the office, and the representative of the Student Government who retired from the Committee early this year, Mr. Jerome Friedman, and the widow of Dr. Grant O. Graves who served on the Committee until his untimely death. The files and records of the Search Committee will be incorporated appropriately in the files of the Board of Trustees of this University so that the next Board which is required to choose a President may have available all necessary precedents. I shall make available also the file of correspondence and such other information as has come into my possession as Chairman of the Board of Trustees. We extend our expressions of gratitude to the media of communications all of which have worked to keep the public informed of the deliberations and the efforts of the Search Committee and the Board.

President Fawcett has advised this Board that he will give unstintingly of his efforts to assist the President-elect, Dr. Enarson, to enter upon his duties and assume his responsibilities with all ease. Knowing President Fawcett and the benevolence with which every act of his is taken, we know as members of this Board and as part of this University that the transition will be effected with efficiency and great goodwill. On behalf of the Board I urge that all of us join together to support the new administration. This Board will give every ounce of its ability to support the new administration which will assume office in September and we know that the administration of President Fawcett will do just as President Fawcett promised. With that I conclude our statement with respect to the election of the President.

Dr. Moulton, as Secretary of the Board, you will proceed to make effective the action which will be required and one of us, you or I, will advise Dr. Enarson, after this meeting, of his election. Dr. Enarson indicated his willingness to accept the position if it were tendered and he and I together talked to the Chairman of the Board of Cleveland State University so that our good relations with Cleveland State would be maintained in this period when the President of Cleveland State will be preparing to come to The Ohio State University. I advised the Chairman of the Board of Cleveland State University that our Board and
April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson, Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

our University would do everything within our ability and the ability of the University to cooperate with Cleveland State in this period. And I told the Chairman further that if there were any suggestions which would be helpful from our efforts in seeking a President that Cleveland State would be welcome to whatever we have.

Mr. Shocknessy asked President Fawcett if he would like to respond.

President Fawcett responded as follows:

Mr. Chairman and members of the Board, a year ago in March when you convened for the purpose of acting favorably upon my request to retire from the Presidency of this University on September 1, 1972, you requested me to bring forth for your consideration and approval, modification, or rejection an appropriate search procedure for the selection of my successor. I did, you approved it and the procedure is now completed. That procedure was somewhat unique as you have indicated, Mr. Chairman, in that there were more constituencies of the University represented in it than have marked the procedures used in a good many other universities. So I want first of all to express my gratification for the manner in which the people who labored long and well performed their services. I am highly pleased that the procedure appears to have worked. I want also to extend my congratulations to Dr. Enarson and to reaffirm what you said concerning my willingness to assist him in every possible way in his preparation to assume responsibilities of this University the first of September. And finally, I want to commend this Board for what I think is the very effective manner in which it has worked with all people concerned as well as the wisdom of your decision.

Mr. Shocknessy responded:

Be sure that Mrs. Fawcett knows that we included her in our remarks today. In our discussion with Dr. Enarson, we told him that he would be coming to a University that has a firm and stable structure, that we are proud of our administration which has or will have preceded him.

-0-
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rules 29.2715 and 29.2729 of Rules for the University Faculty

The Faculty Council on March 15, 1972, approved changes in Rule 29.2715 and Rule 29.2729 of Rules for the University Faculty. (See Appendix VIII, page 537.)

1. In Rule 29.2715 the membership of the Council on Admissions and Registrations is revised to include five student members.

2. In Rule 29.2729 the membership eligibility within the graduate category on the Committee on Academic Freedom and Responsibility is revised so as to include Research and Administrative Associates as well as Teaching Associates.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

II. PERSONNEL CHANGES

Personnel changes since the March 3, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointments, and Leaves of Absence Without Salary:

A. Promotions

Colin B. B. Bull from Professor and Chairman of the Department of Geology to Dean of the College of Mathematics and Physical Sciences, effective July 1, 1972, at a salary of $32,088.00 per annum. Dr. Bull will hold an academic appointment as Professor in the Department of Geology.

Erika E. Bourguignon from Professor in the Department of Anthropology to Professor and Chairman of the Department of Anthropology, effective July 1, 1972, at a salary of $22,932.00 per annum.
II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

William H. Havener from Professor in the Department of Ophthalmology to Professor and Chairman of the Department of Ophthalmology, effective July 1, 1972, at a salary of $24,048.00 per annum.

B. Appointments

David H. Smith, Associate Dean, College of Social and Behavioral Sciences, effective July 1, 1972, at a salary of $23,088.00 per annum.

Edward J. Kane, Professor (Everett D. Reese Chair of Banking and Monetary Economics), Department of Economics and Academic Faculty of Finance, effective July 1, 1972, at a salary of $30,168.00 per annum.

C. Leaves of Absence Without Salary

Raymond A. Bailey, Professor, Department of Agricultural Economics and Rural Sociology, effective April 1, 1972 through June 30, 1972, to participate in the appraisal of a Livestock Development Loan in Ireland.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective February 14, 1972 through May 14, 1972, to contribute as short-term consultant to the Ford/OSU (Department of Agricultural Engineering) cooperative contract in India.

President Fawcett recommended that the Promotions, Appointments, Leaves of Absence Without Salary, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY

(February 11, 1972 - March 17, 1972)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
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<tr>
<td>Contracts</td>
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<td>Government Research - Federal</td>
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<td>Industrial and Other Research</td>
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<td>Government Research - Federal</td>
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<td>Totals</td>
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<td>$972,721.00</td>
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In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
April 7, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal

a. Department of Navy, Navy Weapons Laboratory, Dahlgren, Virginia, Computation of the Radiation Patterns of an Offset Fed Parabola (to be known as Project No. 3220-A1 - Mod. #00001 - Department of Electrical Engineering).
   Gross Value - $9,000.00.

   Gross Value - $58,576.00.

c. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Studies in Disaster Response and Planning (to be known as Project No. 3395-A1 - New - Department of Sociology).
   Gross Value - $33,000.00.

   Gross Value - $51,735.00.

   Gross Value - $20,130.00.

   Gross Value - $31,649.00.

g. Department of Navy, Naval Ship Research and Development Laboratory, Annapolis, Maryland, Services and Materials to Provide Thermistor Gas Coverage Mapping of Gases and Mixes Using External Gas Shielding Device for Welding (to be known as Project No. 3412-A1 - New - Department of Welding Engineering).
   Gross Value - $490.00.

TOTAL - Government Contracts - Federal $204,580.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

2. Industrial and Other Research Contracts

   a. The Babcock and Wilcox Company, Research and Development Division, Alliance, Ohio, Nitric Oxide Detection with an Infrared Laser (to be known as Project No. 3300-A1 - Purchase Order #25645 - Department of Electrical Engineering).
      Gross Value - $7,000.00.

      Gross Value - $12,535.00.

      Gross Value - $14,354.00.

   d. The Boeing Company, Wichita Division, Wichita, Kansas, Theoretical Evaluation of Surface Current and Charge Densities (to be known as Project No. 3406-A1 - New - Department of Electrical Engineering).
      Gross Value - $17,546.00.

   TOTAL - Industrial and Other Research Contracts $51,435.00.


      Gross Value - $38,839.00.

   b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as Project No. 1100-J - Sup. #1 - Department of Surgery).
      Gross Value - $10,906.00.

   c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as Project No. 1172-L - Ext. #11 - Department of Biochemistry).
      Gross Value - $28,021.00.
A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO2 - Artery QO2 Relationship and Atherosclerosis (to be known as Project No. 1800-G - Sup. #1 - Department of Physiology).
Gross Value - $3,442.00.

e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria (to be known as Project No. 2012-G - Ext. #7 - Department of Physiological Chemistry).
Gross Value - $33,464.00.

f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as Project No. 2308-D - Ext. #4 - Department of Physiology).
Gross Value - $19,658.00.

g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as Project No. 2701-D - Ext. #4 - Department of Biochemistry).
Gross Value - $21,319.00.

Gross Value - $40,000.00.

i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-B - Ext. #2 - Department of Chemistry).
Gross Value - $32,454.00.

Gross Value - $18,600.00.
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 Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A2 - Ext. #1 - Department of Surgery). Gross Value - $24,894.00.


r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Modification of Cellular Immunity to Neoplasia in Man (to be known as Project No. 3399-A1 - New - Department of Medicine). Gross Value - $36,441.00.
April 7, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)


x. National Science Foundation, Washington, D. C., Dust Concentrations in Byrd Core Compared With Climate Over Last 100,000 Years (to be known as Project No. 3416-A1 - New - Institute of Polar Studies). Gross Value - $30,000.00.


TOTAL - Government Research Grants - Federal $713,256.00

4. Industrial and Other Research Grant

a. American Cancer Society, Ohio Division, Columbus, Ohio, The Role of Sensitized Lymphocytes in Tumor Immunity (to be known as Project No. 3407-A1 - New - Department of Anatomy). Gross Value - $3,450.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

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

SUMMARY

(Period: February 11, 1972 - March 20, 1972)

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contract</td>
<td>1</td>
</tr>
<tr>
<td>Industrial Research Contracts</td>
<td>3</td>
</tr>
<tr>
<td>Totals</td>
<td>4</td>
</tr>
</tbody>
</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

   EES 410X  Field Evaluation of Ultrasonic Bridge Weld Scanner, Ohio Department of Highways, Columbus, Ohio. Gross Value - $12,577.00.

2. Industrial Research Contracts


   EES 408X  Polymer Engineering Research, Owens Illinois Technical Center, Toledo, Ohio. Gross Value - $7,500.00.


   TOTAL - Industrial Research Contracts $40,500.00
April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY
(Period: February, 1972)

Grants
Office of Finance and Treasurer $4,795,029.00

Gifts
The Ohio State University Development Fund

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>457</td>
<td>$124,033.02</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>258</td>
<td>57,272.03</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>38</td>
<td>70,231.68</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>58</td>
<td>136,422.22</td>
</tr>
<tr>
<td>Totals</td>
<td>811</td>
<td>$387,958.95</td>
</tr>
</tbody>
</table>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $3,800,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for support of a Comprehensive Career Education Model, under the direction of the Center for Vocational and Technical Education, for the period March 16, 1972 through August 31, 1972. (Grant No. OEG-0-72-1419)

2. $291,500.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for support of NDEA Title IV Graduate Fellowship Program under the direction of the Graduate School, for the period September 1, 1972 through August 31, 1973. (Award Number 437-00 3090)

3. $152,750.00 granted by National Science Foundation, Washington, D.C., to the University for support of the appointment of twenty-six Continuation Traineeships for a period of nine or twelve months, under the direction of the Graduate School. This grant terminates on September 30, 1973. (Grant GZ-2456, Proposal No. 2/Z30-2356)

4. $109,200.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for support of Vocational-Technical Leadership Development Program, under the direction of the Center for Vocational and Technical Education, as amended for the period April 1, 1972 through August 31, 1973. (Grant No. OEG-0-70-1945, Revision No. 2)

5. $93,184.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Parasitology and Medical Entomology - Training Grant, under the direction of the Department of Entomology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AI00216-12)

6. $76,004.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Pharmacology - Training Grant, under the direction of the Department of Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01417-08)

7. $59,180.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medicinal Chemistry-Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01949-04)

8. $49,300.00 granted by The Ohio Rehabilitation Services Commission, Columbus, Ohio, to the University for support of the performance of evaluative services set out in the VR/PW Expansion Grants Project Proposal, under the direction of the School of Social Work, for the period December 1, 1971 through November 30, 1972.
April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. $41,196.00 granted by National Science Foundation, Washington, D. C., to the University for support of Student Science Training Program (Pre-College), under the direction of the Department of Mathematics. This grant expires on October 31, 1972. (Grant GW-7530, Proposal No. 2/2742)

10. $30,347.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Electrocardiography; Hemodynamics, for a Development Award - Research Career Program, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1972 through March 31, 1973. (Grant No. 5 K03 HL13524-10)

11. $25,053.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Clinical Chemistry-Training Grant, under the direction of the Department of Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01805-05)

12. $25,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of A Pilot Test of an Evaluation System for Vocational Education Leadership and Professional Development Activities, under the direction of the Center for Vocational and Technical Education, for the period January 15, 1972 through June 30, 1972. (Grant No. OEG-0-72-0051)

13. $18,329.00 granted by National Science Foundation, Washington, D. C., to the University for support of Student Science Training Program (Pre-College), under the direction of the Department of Engineering Graphics. This grant expires on October 31, 1972. (Grant GW-7596, Proposal No. 2/2452)

14. $13,450.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for support of Mental Retardation Training, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Project No. 922)

15. $5,207.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Library Resource Support, under the direction of the University Libraries, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 G01 LM00684-04)
April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. $2,929.00 granted by State of Ohio, Department of Urban Affairs, 8 East Long Street, Columbus, Ohio, to the University for support of the preparation and conducting of a training program for approximately two hundred administrators and supervisors, who work with minority groups and disadvantaged employees, under the direction of the College of Administrative Science.

17. $2,400.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medical Student Apprenticeship Training-Training Grant, under the direction of the Department of Preventive Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 A07 AH 00209-05)

B. The Ohio State University Development Fund

1. $90,000.00 from The Kiplinger Foundation, Inc., Washington, D.C., for the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism.

2. $43,844.53 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.

3. $34,312.83 from the Estate of Dr. D. P. Snyder, Columbus, Ohio -- $22,875.22 to be added to the Student Memorial Fund and $11,437.61 to be added to the Snyder Research Memorial Fund.

4. $24,186.80 from the Associates of Medicine, Columbus, Ohio, for the general fund in the Department of Medicine.

5. $16,000.00 from The Grimes Foundation, Delray Beach, Florida, for its scholarship fund.

6. $14,000.00 from the National/Ohio 4-H Foundation Campaign for its foundation fund.

7. $12,650.00 from an anonymous donor for cancer research.

8. $10,000.00 from Parke Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.

9. $7,045.00 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, for research in the College of Medicine.

10. $6,750.00 from E. R. Squibb & Sons, Inc., East Brunswick, New Jersey, for infectious disease research.
IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

11. $5,600.00 from National Steel Corporation, Weirton, West Virginia, for its fellowship in Metallurgical Engineering.

12. $5,250.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.

13. $5,000.00 from Organon, Inc., West Orange, New Jersey, for research in renal disease.

14. $1,238.32 from the family and friends of William Allan Kilpatrick for the establishment of the William Allan Kilpatrick Outstanding Student Award.

William Allan Kilpatrick Outstanding Student Award

The William Allan Kilpatrick Outstanding Student Award was established April 7, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family and friends of the late William Allan Kilpatrick, former student at the Newark Campus.

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

The annual income is to be used to provide a monetary award to an outstanding sophomore student enrolled at the Newark Campus. The award is to be made by the Director of the Newark Campus, upon the recommendation of a special committee appointed from the Newark Campus faculty and the Newark Campus students.

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

15. $1,195.48 from John D. Drisko, Cleveland, Ohio, for the establishment of the Homer M. Edwards Memorial Fund.

Homer M. Edwards Memorial Fund

The Homer M. Edwards Memorial Fund was established April 7, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from John D. Drisko, J.D. '44, in memory of Homer M. Edwards, B.S. Bus. Adm. '43, J.D. '48, late of Ironton, Ohio.
April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

B. The Ohio State University Development Fund (continued)

15. Homer M. Edwards Memorial Fund (continued)

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

The annual income is to be used for the benefit of the College of Law, as determined by the Dean of said College.

Should the College cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for legal education.

C. Gift-in-Kind

1. A Charolais Bull from Ralph R. Baldanhofer, Springfield, Ohio, to the College of Agriculture and Home Economics, Department of Animal Science.

D. Acceptance of Property - 463 King Avenue, Columbus, Ohio

President Fawcett recommended the acceptance of a gift of property located at 463 King Avenue, Columbus, Ohio, from Mrs. Florence Woelfel, 3440 Olentangy River Road, Columbus. The property is bounded and described as follows:

Being Lot Number Forty-seven (47) of Dennison Park Addition, to the said City of Columbus, Ohio, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book No. 4, page 106, Recorder's Office, Franklin County, Ohio, EXCEPTING a strip of land forty (40) feet in width off of the entire South end of said Lot No. 47.

ALSO all right of way for sewer, gas and electric service across the strip of land Forty (40) feet in width off of the South end of said Lot No. 47, reserved to Lulu M. Kiehl and E. R. Kiehl in the deed from said Lulu M. Kiehl and E. R. Kiehl, her husband, to Irene Harshman, dated April 15, 1922, and recorded in Deed Book 717, page 75, Recorder's Office, Franklin County, Ohio.

Title acquired by deed recorded in Deed Book 1234, page 494, and certificate of transfer recorded in Deed Book 2824, page 346, Recorder's Office, Franklin County, Ohio.
April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Acceptance of Property - 463 King Avenue, Columbus, Ohio (continued)

Mrs. Woelfel has requested that the income from the rental of the property or the proceeds from the sale of the property be used by the University to support cancer research in the College of Veterinary Medicine and that the gift be accepted in memory of her husband, Norman W. Woelfel. Mrs. Woelfel has given written permission to sell the property. If sold, the proceeds are to be placed in the permanent endowment fund, in memory of her husband, and the annual income is to be used for cancer research in the College of Veterinary Medicine.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the acceptance of the property located at 463 King Avenue, by unanimous voice vote.

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Medical Basic Science Building

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$8,678,370.00</td>
<td>$8,903,937.63</td>
<td>$225,567.63</td>
</tr>
</tbody>
</table>

Due to changes in the original plans to include construction of an underground tunnel connection for the Medical Center area, interior program changes were necessary to meet necessary requirements. These changes included the extension of a stairwell and elevator to the tunnel level. Deviations in the program required revisions in the projection booth and television studios and their environmental controls.

Funds for these changes have been provided by Budget Account 801115, Item 315-043, HB 292, HB 886, and HB 928.

B. University Hospital - Remodel Intensive Care - Recovery Rooms

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$229,662.00</td>
<td>$238,799.00</td>
<td>$9,137.00</td>
</tr>
</tbody>
</table>
April 7, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. University Hospital - Remodel Intensive Care - Recovery Rooms (continued)

Extensive revisions to ceilings, walls and soffits were made necessary by existing building conditions revealed during demolition and to facilitate, coordinate, and accommodate the resultant changes.

Funds for these changes have been provided by Budget Account 801150.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. REPORT OF AWARD OF CONTRACTS

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

A. Completion of Third Floor - Center for Tomorrow

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Base Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>$64,985.00</td>
<td>$67,000.00</td>
</tr>
<tr>
<td>(2 bids received 3-20-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cap-Tar Construction, Inc. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td>$11,167.00</td>
<td>$17,500.00</td>
</tr>
<tr>
<td>(5 bids received 3-8-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bruner Corporation (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heating, Ventilating, and Air Conditioning Contract</td>
<td>$33,500.00</td>
<td>$36,595.00</td>
</tr>
<tr>
<td>(5 bids received 3-20-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air-Control Mechanical Contractors (New Albany, Ohio)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$35,300.00</td>
<td>$39,095.00</td>
</tr>
<tr>
<td>Alt. HVAC-2 Additional baseboard heaters</td>
<td>$1,800.00</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td></td>
<td></td>
</tr>
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</table>
VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Completion of Third Floor - Center for Tomorrow (continued)

<table>
<thead>
<tr>
<th>Contract Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(9 bids received 3-8-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reco Electric Company (Columbus)</td>
<td>$13,238.00</td>
<td>$26,000.00</td>
</tr>
<tr>
<td>Alt. E-2 Connection of additional</td>
<td>+ 1,650.00</td>
<td>+ 1,000.00</td>
</tr>
<tr>
<td>baseboard heaters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contract</td>
<td>$14,888.00</td>
<td>$27,000.00</td>
</tr>
<tr>
<td>Total All Contracts</td>
<td>$126,340.00</td>
<td>$150,595.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from private contributions.

B. Neil Hall Remodeling

<table>
<thead>
<tr>
<th>Contract Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8 bids received 3-14-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Henry A. Justus (Columbus)</td>
<td>$112,720.00</td>
<td>$134,557.00</td>
</tr>
<tr>
<td>Alt. G-1 Replacement of metal</td>
<td>+ 21,000.00</td>
<td>+ 15,000.00</td>
</tr>
<tr>
<td>windows</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contract</td>
<td>$133,720.00</td>
<td>$149,557.00</td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3 bids received 3-24-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Julian Speer Company (Columbus)</td>
<td>$113,400.00</td>
<td>$133,000.00</td>
</tr>
<tr>
<td>Heating, Ventilating, and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Conditioning Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 3-14-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duckworth Plumbing, Inc. (Columbus)</td>
<td>$112,000.00</td>
<td>$161,730.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(11 bids received 3-14-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pence Electric Company (Columbus)</td>
<td>$82,548.00</td>
<td>$125,353.00</td>
</tr>
<tr>
<td>Total All Contracts</td>
<td>$441,668.00</td>
<td>$569,640.00</td>
</tr>
</tbody>
</table>
C. Electrical System Repairs 1972--(Brown Hall, Hagerty Hall, Page Hall)

<table>
<thead>
<tr>
<th>Electrical Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pence Electric Company (Columbus)</td>
<td>$33,807.00</td>
<td>$50,000.00</td>
</tr>
</tbody>
</table>

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

D. Ohio Stadium--Intramural and Recreational Lighting

<table>
<thead>
<tr>
<th>Electrical Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miller-Davis Electric Co. (Columbus)</td>
<td>$17,113.00</td>
<td>$45,000.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 801256 (Ohio Stadium Lighting).

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

VII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

12 Approves the award of contracts for the General and Heating, Ventilating, Air Conditioning Contracts on the project, "Journalism Building Expansion" notwithstanding the fact that the low bids were over the estimate of cost and the release of $2,840,000 from Item 315-064, HB 989, to provide funds for construction, equipment, and contingencies to complete the project.
April 7, 1972 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Mansfield Campus - Lexington-Springmill Road (Easement)

The City of Mansfield has requested permission to widen and improve the Lexington-Springmill Road on lands adjacent to the Mansfield Campus of The Ohio State University, and the City of Mansfield will provide a future entryway from the Lexington-Springmill Road to the Mansfield Campus.

The improvement and the widening to four lanes of the Lexington-Springmill Road between SR 39 and US 30 would permit an improved traffic flow along the west boundary of the Mansfield Campus.

It was recommended that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to enter into an agreement between the City of Mansfield and The Ohio State University to permit entry on said lands to commence the improvements and to develop the necessary easements to provide the conveyance of the land required for the widening and improvement to the Lexington-Springmill Road.

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

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Paul J. Bogatay, Professor Emeritus in the College of The Arts - Division of Art; Grant Ostrander Graves, Professor and Chairman of the Department of Anatomy; John Harrington Mitchell, Professor in the Department of Medicine; and Eric Ogden, Professor Emeritus in the Department of Physiology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Paul J. Bogatay

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 17, 1972, of Paul J. Bogatay, Professor Emeritus in the College of The Arts - Division of Art.

Professor Bogatay was born in Ava, Ohio, on July 5, 1905. He was graduated from the Cleveland School of Art in 1928.

Professor Bogatay was awarded the Tiffany Foundation Scholarship in the summers of 1928, 1929, and 1930. In 1933, he received a Rockefeller Foundation Research Scholarship in the Department of Fine Arts at The Ohio State University where he served as a Ceramic Designer for numerous potteries in Ohio and the Fostoria Glass Company in West Virginia. He joined The Ohio State University faculty in 1934, and taught courses in design, pottery design, mold-making, and ceramic sculpture.
April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Paul J. Bogatay (continued)

Professor Bogatay was the recipient of eight national awards in ceramic sculpture and pottery. He also received fourteen regional and local awards in sculpture and pottery. In 1954, he was awarded the Charles Fergus Binns medal for meritorious contribution and in 1955-1956, he received the Fulbright award for research in Japan.

Professor Bogatay was the author of numerous articles for art periodicals. Three of these were published in The Journal for the American Ceramic Society. As a member and chairman of this society, he contributed to the broadening of interest of the group and its concept of social responsibility.

Professor Bogatay's major contribution has been as an exhibitor of pottery and ceramic sculpture. His work has been exhibited in the United States, Canada, Norway, Sweden, Denmark, England, and Japan. His work is represented in numerous public and private collections.

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

B. Grant Ostrander Graves, M. D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 7, 1972, of Grant Ostrander Graves, M. D., Professor and Chairman of the Department of Anatomy.

Dr. Graves was born in Columbus, Ohio, on January 21, 1905, the son of Harry D. and Kathleen Ostrander Graves. He received his elementary and secondary education in the public schools of Columbus. He earned his Bachelor of Arts degree from The Ohio State University in 1926. The following year he served as a Field Executive with the Boy Scouts of America. He returned to The Ohio State University in 1927 to complete the prerequisites for admission to Medical College and to pursue a graduate degree in Anatomy. He received his Master of Arts degree in Anatomy in 1929 and his Doctor of Medicine degree in 1932, both from The Ohio State University. Following a year's internship at Duke University, Dr. Graves returned as a resident in medicine. He was appointed Instructor in Human Anatomy in 1935 and served in this capacity until 1937 when he was promoted to Assistant Professor. In 1940, while teaching in the Department of Anatomy, he established a private practice of internal medicine and married his former student, Dr. Helen M. Pierson. He became Associate Professor of Anatomy in 1944 and in 1948 received joint appointments as Assistant Professor in both the Departments of Medicine and Radiology. He continued to serve in these departments, as well as in Anatomy throughout his life. He was promoted to Professor of Anatomy in 1959 and when the Chairmanship of that Department was vacated in 1961, he was asked to serve as Acting Chairman. He was appointed Chairman of the Department of Anatomy in 1962.
April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Grant Ostrander Graves, M.D. (continued)

Dr. Graves received many honors. He was a member of several professional organizations and served on numerous College and University Committees. He was a Diplomat of the American Board of Internal Medicine and a life member of the American College of Physicians. He was selected Man of the Year by the Medical School Class of 1949. He was elected President of the Columbus Academy of Medicine in 1952, the Medical College Alumni Association in 1968, and the Midwest Anatomists Association in 1968. He was a member of the American Association of Anatomists and A.0.A. The most notable of the College Committees on which he served were the Executive and Curriculum Committees. While on the Curriculum Committee and as its chairman, he was instrumental in the design and implementation of the three-year curriculum which began in July of 1970. He served as a member of the University Faculty Council, the Faculty Advisory Committee to the President and the Board of Trustees, and the Presidential Search Committee.

Dr. Graves was a man of vision and accomplishment. He published many papers. He authored three books. He led an active, well-organized department. He was an excellent teacher. He initiated the establishment of the Department of Medical Education. His innovation of two tracts for the study of gross anatomy led to the development of the present Pilot Medical School Program. He encouraged the creative use of multi-media in the teaching of anatomy. He was on the faculty of the Creative Problem Solving Institute. He practiced medicine. He was a climber of mountains, a gardener and groundskeeper, and a better than average photographer. He was a devoted husband and father.

Never blinded by the desires of personal recognition and dedicated to the improvement of medical education, Dr. Graves would have considered an emotion laden tribute an affront to his pride. Two quotations best characterize him. The first, from the Canterbury Tales, serves as the caption for his picture as Man of the Year—"And gladly wolde he lerne and gladly teche." The second may well be his own—"Never shall I forget that to the State of Ohio I owe my education. I hope I may be able to honor such a trust."

On behalf of The Ohio State University, the Board of Trustees expresses its deep sympathy and understanding to the family. It was directed that a copy of this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be forwarded to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. John Harrington Mitchell, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 11, 1972, of John Harrington Mitchell, M.D., Professor in the Department of Medicine.
C. John Harrington Mitchell, M.D. (continued)

John Harrington Mitchell, was born January 14, 1904, in Columbus, Ohio. He was graduated from The Ohio State University with B.A. and M.D. degrees. Following an internship at Grant Hospital in Columbus he was appointed Resident in Medicine at the St. Francis Hospital in 1929. Upon completion of this service, he was made Resident in Pathology at White Cross Hospital and Instructor in Pathology at The Ohio State University from 1930 to 1933. It was during this period that he had the misfortune of sustaining an infection at the autopsy table that resulted in the loss of part of an upper extremity. This did not deter him from returning to an active medical life. In 1935 he began the practice of Allergy after receiving training at the Asthma and Hay Fever Clinic in Cleveland during 1934. He established the Division of Allergy at The Ohio State University.

In 1957 Dr. Mitchell became deeply interested in Psychiatry and spent two years at the Columbus State Hospital followed by another year at the Columbus Psychiatric Institute which is now known as Upham Hall, the Department of Psychiatry of the College of Medicine of The Ohio State University.

In 1961 Dr. Mitchell became associated with Dr. Damon Wetterauer in the private practice of Psychiatry and Allergy. Prior to this he had been associated with his brother Dr. William F. Mitchell from 1938 to 1955 with whom he shared offices in the practice of Allergy. He was the author of more than 16 publications in the field of his interest. In 1947 with his brother William he published a paper on "Personality Factors in Allergic Disorders." He was co-author of a movie entitled "Skin Sensitizing Antibodies" which was produced in color and sound in March of 1963.

While on a Medical Tour in Africa sponsored by the Ohio State Medical Association he was strolling with Doctors George Harding and Robin Obetz in Fez Morocco when he was seized with an attack identified as a coronary thrombosis. He was promptly admitted to the local 800 bed hospital and given expert care. He seemed to be doing well when suddenly 36 hours later he sustained a massive infarction and expired.

Dr. Mitchell was a member of the Central Ohio Psychiatric Association, a Fellow of the American College of Physicians, a Fellow of the American College of Allergists, a Fellow of the American Academy of Allergy; and he was a past president of the American College of Allergy.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.
The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 30, 1972, of Eric Ogden, Professor Emeritus in the Department of Physiology.

Dr. Ogden was born January 26, 1903, and received his education in London, England, obtaining the M.B. degree from the University of London in 1922. He also studied in Grenoble, France, and had the honor of a Sharpey Fellowship in London, 1925-29.

After serving on the Faculty of University College, London, Dr. Ogden came to the University of California in Berkeley in 1929 as Assistant Professor of Physiology. Later he became Associate Professor of Physiology at the San Francisco campus, with responsibility for medical, dental, pharmacy, and nursing students.

In 1943 Dr. Ogden became Professor of Physiology and Chairman of the Department at the University of Texas Medical Branch, Galveston. Here he developed an outstanding laboratory, and with Mrs. Ogden, took an active part in the cultural life of the city. In 1949 he was appointed Research Professor of Cardiology; Professor of Physiology and Chairman of the Department of Physiology at The Ohio State University. His studies on the functioning of the circulatory and respiratory systems were well recognized, and he was an authority on hypertension. He was a consultant to various health agencies, and his clinical skill brought him appointments to the staffs of several hospitals. He helped found the American Association for High Blood Pressure, and he was Visiting Professor for the Commonwealth Fund. His work was recognized by a special citation by the American Heart Association.

In 1963 Dr. Ogden returned to California, becoming Chief of the Environmental Biology Division at Ames Research Center, NASA, at Moffet Field, and Lecturer in Aerospace Medicine at Stanford Medical Center. He was a member of the Royal College of Surgeons, London; the Physiological Society; the American Heart Association; the New York, California, and Texas Academies of Science, and the Aerospace Medical Association.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.
April 7, 1972 meeting, Board of Trustees

X. REPORT

A. Report on the University's Investment Portfolio

The report dated April 7, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

Mr. Shocknessy made the following statement:

I personally want to thank the President, the members of the Board, the Search Committee, and everybody who gave me help and support in the past year. It has not been easy for any of us; the road has been rather long, rather tortuous, and sometimes agonizing. I always felt that I was well supported by the administration and the Board. I want to add my personal expressions to the administration, especially to the President, to the Board, and to the Search Committee. And now, in conclusion, I want to say that I have spoken to Vice President Smith and he will arrange for a Press Conference.

Thereupon the Board adjourned to meet Friday, May 5, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

James W. Shocknessy
Chairman
APPENDIX VIII

Revision of Rules 29.2715 and 29.2729
of Rules for the University Faculty

Approved by Faculty Council
March 15, 1972

Adopted by Board of Trustees April 7, 1972
(See page 512)
The Faculty Council on March 15, 1972, approved changes in Rule 29.2715 and Rule 29.2729 of Rules for the University Faculty. The revised text is as follows:


Section 1. The Council on Admissions and Registrations shall consist of seventeen members chosen as follows:

a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for reappointment.

b. Ex officio members. The persons holding the following three titles shall be ex officio members: Provost and Vice President for Academic Affairs or his designee (who shall serve as Chairman of the Council); Vice President for Administrative Operations or his designee (who shall serve as Secretary of the Council); and the Executive Director of University Planning.

c. Student members. There shall be five student members including three undergraduate students to be appointed by the president of the Undergraduate Student Government with the consent of the Student Assembly, one graduate student to be appointed by the president of the Council of Graduate Students with the consent of the Council of Graduate Students executive committee, and one professional student to be appointed by the president of the Interprofessional Council with the consent of the Interprofessional Council. Student members shall serve for a one-year term and shall be eligible for reappointment.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers) or to the Faculty Council, depending upon the nature of the recommendation.

29.2729. Committee on Academic Freedom and Responsibility.

Section 1. The Committee on Academic Freedom and Responsibility shall consist of five elected Faculty members of the Faculty Council and two graduate Teaching, Research, or Administrative Associates. They shall be elected by the Faculty Council for two-year terms. The Council of Graduate Students shall nominate four such graduate Teaching Associates from whom the Faculty Council will elect two members to the Committee on Academic Freedom and Responsibility. Vacancies on the Committee shall be filled through election by the Faculty Council with nominations being made from the floor.
29. 2729. Committee on Academic Freedom and Responsibility. (continued)

Section 2. The Committee shall have the following responsibilities:

a. To study all conditions which, in the judgment of the Committee, may affect the academic freedom or responsibility of the faculty of the University, and to report at least once a year thereon, with recommendations when appropriate, to the Faculty Council.

b. To hear and investigate complaints by individual faculty members concerning alleged infringements upon academic freedom or responsibility in the University; to report findings and recommendations to the parties involved with the hope of mediating a dispute; to report to the Faculty Council if further action by the Council is appropriate; and, if necessary, to recommend to the Faculty Council that charges under Rule 21.07 be initiated against the individual alleged to have violated the academic freedom of a member of the faculty or against the individual alleged to have abrogated his responsibilities to the University. (B/T 6/12/69)
The Board of Trustees met at its regular monthly meeting on Friday, May 5, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and Howard D. Sirak.

Minutes of the last meeting were approved.
May 5, 1972 meeting, Board of Trustees

ELECTION OF OFFICERS

Mr. Shocknessy made the following statement and nominated the slate of officers for 1972-73:

It has been a tradition of the Board of Trustees of this University that the Chairmanship rotate and every member serves as Chairman during his last year on the Board. I served this term out of rotation. My rotation would not have occurred until next year but Mr. Dorsey had only come on the Board a short while before he would have been required to take over on the basis of the traditional rotation. And, accordingly, he asked me (he was supported by the other members on the Board) to serve this year. It has been my pleasure to serve in Mr. Dorsey's stead, and I trust that Mr. Dorsey has been satisfied with my performance. I consider that Mr. Dorsey was the first one whom I had to satisfy because I was substituting for him. I consider that the principal is always the one first to be satisfied by the substitute. So during this year, Mr. Dorsey, I have substituted as Chairman of this Board for you, and I only hope that in due course you will yourself serve as Chairman.

I don't know that there is anything else I need to say except that on the basis of the rotation the Chairmanship would go to Mr. Eckley and, accordingly, it will be my esteemed privilege and high honor to nominate for Chairman of this Board Mr. Frederick R. Eckley, a distinguished citizen, a distinguished member of the University community, a distinguished member of the economic community of this nation, and a man who is entitled to congratulations for having recently been named the 'Man of the Year' by The Ohio State University Alumni Association of Cleveland. I think it is fortuitous that the new Chairman is from Cleveland where the new President, who will be there for another few months, will have ready access to the Chairman of the Board as it has been my good fortune to have ready access to the President of the University, Novice Fawcett.

And, accordingly, I nominate Mr. Frederick R. Eckley for Chairman of our Board; for Vice Chairman I will nominate Mr. John H. Dunlap, a member of our Board who has served us nobly and has served this University nobly; for Secretary I will nominate Dr. Edward Q. Moulton; and for Treasurer, Mr. Ernest W. Leggett.

There were no other nominations. Mr. Harrod seconded the motion. Motion was passed with a majority of a quorum voting in favor of the motion, Messrs. Eckley and Dunlap abstained.

Mr. Dorsey said:

I would just like to say that I fully approved of your performance, Mr. Shocknessy, in my behalf and I consider you a very adequate substitute.

Mr. Shocknessy said:

Remember that I also said that I hope you will yourself serve in due course on rotation as the Chairman of this Board.
May 5, 1972 meeting, Board of Trustees

Mr. Shocknessy's statement (continued)

So I've enjoyed my year as Chairman of the Board and as I said before, I believe that one of the most important matters that is ever to come before a Board came before this one during the year. I feel that the Board handsomely fulfilled its responsibility in choosing a President. I believe the Board acquitted itself very well and I only offer as proof, but I do offer it as proof, the acceptance of the Board's work in naming a new President—the acceptance which the journalistic community of this state has given and which everyone of us has felt, and the appointment of Dr. Enarson has been practically acclaimed every place any of us has been. I have yet to receive a letter objecting to the appointment and I have had loads approving it. So in conclusion I'll say that I expect to remain on this Board as a member and to support the new Chairman with every ounce of energy that I have as long as I'm on the Board. I won't promise that I'll stay for the total of my term as it remains. I've served seven rugged years but I'll still stay as a member of this Board at least, God willing, for the remainder of President Fawcett's tenure and if I choose to retire from this Board after that I will give ample notice to the Governor and to the Chairman and members of the Board. So I don't think I have anything further to say except thank you to everybody, not merely to the members of the Board but to the President and to the Secretary and to the whole administration for the support that I received as Chairman and for the association which I have enjoyed in the seven years I have been a member of the Board.

President Fawcett paid Mr. Shocknessy the following tribute:

Mr. Chairman and Members of the Board: There is not an adequate way to express appropriately this University's appreciation for the services of any Board member, and particularly for the services of the Chairman who by virtue of that role must be more knowledgeable of many problems than other members of the Board in order to fulfill his duties in conformity with the law. Consequently, since this is a kind of graduation in one sense of the word for a Chairman, we have taken it upon ourselves without seeking any consultation or action by members of the Board to develop what I guess I could describe as a diploma marking the completion of your service as Chairman and in recognition of the great support you rendered to this institution. I want to share with all members of the Board and all others present this diploma. (See page 544 for text.)

Mr. Shocknessy responded to President Fawcett's tribute for his service:

This is just one more bit of kindness that I've had from you and one more bit of recognition that I've had from this Board and this University, which I've said before I acquired by its adoption of me. Unlike other members of this Board I wasn't nurtured by this University as a loving mother but this University has been very kind to me and as an adopted son of the University I feel as close as a natural son as often happens with adopted children.

The Board of Trustees recessed following President Fawcett's presentation and the Board of Control was convened.
The Ohio State University

In recognition of outstanding service as Chairman of the Board of Trustees of The Ohio State University during one of the most significant years in the University's history and as a distinguished and dedicated servant to this University's educational heritage, the Board of Trustees, administration, faculty, staff, and students convey deep appreciation to

James White Shocknessy

In grateful acknowledgement this certificate is presented at The Ohio State University on the fifth day of May in the year of our Lord nineteen hundred seventy-two and of the University the one hundred and third.

[Signatures]

President of the University

Secretary of the Board of Trustees
May 5, 1972 meeting, Board of Trustees

The Board of Trustees reconvened following the recess.

REPORT BY CHAIRMAN

A. Concerned Farmers of Carroll County

Mr. Shocknessy reported as follows:

We've all received a request from 'concerned farmers of Carroll County' about a matter in that County with respect to an Extension Agent and we received a letter also from the Board of County Commissioners of that County. Not having been able up to this time to look into the matter fully, if it is agreeable with the Board, I would ask the President to look into the matter of the inquiry which was in the letter and to advise the Board at his earliest convenience and the Secretary can advise the Commissioners and the concerned farmers that we have adverted to the matter and that we shall consider it further and they will either hear from us or from the President or from the Secretary in our behalf.

B. The Ohio State University Monthly

Mr. Shocknessy made the following statement:

I want to be sure that the minutes indicate that this Board congratulated the incoming Chairman on his being named 'Man of the Year' by the Alumni in Cleveland. I also want once again to congratulate The Ohio State Monthly. Dr. Mall and Mr. Tate have been assiduous in keeping the Alumni Association and those who receive the Monthly fully advised of the search for the President and in the latest issue which it was my pleasure to read yesterday and the day before, the matter was nicely rounded out and I've already called Mr. Tate and told him that I was very pleased with the way the matter had been rounded out by the Monthly and I'm sure the Association benefits by it. I used the February issue as an authority many times. In fact there is a distinguished journalist in this room whom I won't mention by name to whose attention I directed that Monthly a couple of months ago when he asked me for information. I said there is no better place to go than to the February issue of the Monthly because that brought it up to date. So the last time I'm in this Chair on this term I want again to say that the Monthly has supported the Board and the University very competently during this period.

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545
President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty

The Faculty Council on April 11, 1972, approved changes in Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty. (See Appendix IX, page 575.)

1. Section c of Rules 31.0701 and 31.0703 is revoked in each rule to delete the University graduation requirement of health education.

2. The words "Health Education" in Section 2 of Rule 31.0705 are deleted to conform with the deletion of this requirement in Rules 31.0701 and 31.0703.

3. In Rule 35.07 the word "Hygiene" is deleted in the marks "T" and "X". The words "Health Education" are deleted in (a) of the "PA/NP - Pass/Non-Pass" mark.

President Fawcett recommended that the action of the Faculty Council be approved.

B. Change Name of Department of Industrial Engineering to Department of Industrial and Systems Engineering

Upon the recommendation of the Council on Academic Affairs, the Faculty Council on April 11, 1972, approved the change of name of the Department of Industrial Engineering to Department of Industrial and Systems Engineering.

This new undergraduate program has been developed as a result of numerous consultations with students and faculty to enable students to pursue a broader range of professional objectives. Four specific programs in addition to the existing basic industrial engineering curriculum are available within this new program—manufacturing systems engineering, man-machine systems engineering, management systems engineering, and operations research. The proposed modification in the departmental name reflects more accurately the current terminology for the programs of instruction and research presently being conducted in the Department.

President Fawcett recommended that the name change as approved by the Faculty Council be adopted, effective Summer Quarter 1972.

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendations by unanimous voice vote, and the Secretary of the Board was further instructed and given authority to make the changes as specified above in the next printing of the Rules for the University Faculty.
May 5, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Honorary Degrees

The Faculty Council on April 11, 1972, approved awarding honorary degrees to the following recipients:

- J. Englebert Dunphy
- Joseph Howard Koffolt
- Alan Gregory Loofbourrow
- Mohinder Singh Randhawa

Pursuant to Rule 29.15, President Fawcett recommended that the honorary degrees, as specified, be conferred at an appropriate future Commencement agreeable to the University and the recipients.

It was recommended further under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board that the Doctor of Laws be conferred on Armin H. Meyer, recent United States Ambassador to Japan, at the June 9, 1972 Commencement.

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

D. Revision of Rule 43.11 of Rules for the University Faculty

In enacting the appropriation in support of higher education (Amended Substitute House Bill 475), the 109th General Assembly incorporated within this action specific restrictions on the authority of state universities in granting instructional and general fee waivers. The text of H. B. 475 pertaining to fee waivers is as follows:

After June 15, 1972, the board of trustees or the board of directors of a state-assisted institution of higher education shall not authorize a waiver or nonpayment of instructional fees or of general fees for any particular student or any class of students other than waivers specifically authorized by law. This prohibition is not intended to limit the authority of boards of trustees or of boards of directors to provide for payments to students for service rendered the institution nor to prohibit the budgeting of income for staff benefits or for student assistance in the form of payment of such instructional and general fees.

In order that this University may be in full compliance with this legislation, it is necessary that substantial modification of the existing University regulations and procedures be authorized by the Board.
I. GENERAL RECOMMENDATIONS (continued)

D. Revision of Rule 43.11 of Rules for the University Faculty (continued)

To effect these changes, it was recommended that Rule 43.11 be revised to provide for these modifications (see Appendix X, page 579). This revised rule basically eliminates the concept of fee waivers, defines the specific categories for which fee payments may be authorized, and establishes a charge back system to the departments and programs which authorize such payments.

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

II. PERSONNEL CHANGES

Personnel changes since the April 7, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Kenneth W. Reisch from Professor in the Department of Horticulture to Associate Dean of the College of Agriculture and Home Economics, effective September 1, 1972, at a salary of $23,808.00 per annum. He will continue to hold an academic appointment as Professor in the Department of Horticulture.

Charles E. Corbato from Professor in the Department of Geology to Professor in and Chairman of the Department of Geology and Mineralogy, effective July 1, 1972, at a salary of $24,288.00 per annum.

Philip W. Murdick from Professor in the Department of Veterinary Clinical Sciences to Professor in and Chairman of the Department of Veterinary Clinical Sciences, effective immediately, at a salary of $25,728.00 per annum.

William E. Nelson from Acting Chairman of the Black Studies Division (part time - 60 percent) and Assistant Professor in the Department of Political Science (part time - 40 percent), to Chairman of the Black Studies Division (part time - 60 percent) and Associate Professor in the Department of Political Science (part time - 40 percent), effective July 1, 1972, at a salary of $21,048.00 per annum.
May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointment

David S. Bloomfield, Chief Hearing Officer, effective immediately.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Kaye F. Bartlett, Instructor (Area Extension Agent, Community Resources Development) Washington C. H. Area Center, effective April 1, 1972 through May 31, 1972, to participate in a program of professional improvement at The Ohio State University.

Howard M. Bennington, Instructor (County Extension Agent, Agriculture) Harrison County, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at Ohio University.

Joseph P. Brown, Instructor (County Extension Agent, Agriculture) Knox County, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

Robert H. Groves, Instructor (Area Extension Agent, 4-H) McConnelsville Area Center, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

John D. Rohrer, Instructor (Area Extension Agent, Community Resource Development) Canfield Area Center, effective March 16, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

John B. Hough, Professor, College of Education, effective April 1, 1972 through June 30, 1972, for advanced study.

Arthur W. Leissa, Professor, Department of Engineering Mechanics, effective October 1, 1972 through September 30, 1973, to accept a Visiting Professorship, at Eidgenossische Technische Hochschule, Zurich, Switzerland.
May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Raphael D. Levine, Professor, Department of Chemistry, effective January 1, 1972 through March 31, 1972, to serve as a Visiting Professor at Hebrew University in Jerusalem.

Donald R. Washington, Professor, Department of Civil Engineering, effective July 1, 1972 through June 30, 1973, to continue as Director, Field Service Office for Puerto Rico and the U. S. Virgin Islands for the Environmental Protection Agency.

Harold A. Hovey, Associate Professor, College of Administrative Science - Public Administration, and Department of Economics, effective October 1, 1972 through September 30, 1973, to continue as Director of Finance, State of Ohio.

Guido Mislin, Associate Professor, Department of Mathematics, effective October 1, 1972 through June 30, 1973, to spend a year at the ETH in Zurich, Switzerland.

Jacob W. Old, Associate Professor, Department of Pathology, effective July 1, 1972 through June 30, 1973, for personal reasons.

Fredos Papangelou, Associate Professor, Department of Mathematics, effective October 1, 1972 through September 30, 1973, to continue teaching at the University of Gottingen, Gottingen, Germany.

John C. Weicher, Associate Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to serve as staff economist with the Office of Economic Opportunity in Washington, D. C.

Joseph K. Davidson, Assistant Professor, Department of Mechanical Engineering, effective October 1, 1972 through September 30, 1973, to spend a year working in industry to enhance his background for teaching.

Richard D. Porter, Assistant Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to continue his position with the Board of Governors of Federal Reserve Bank, Washington, D. C.

Shashikala A. Gogate, Instructor, Department of Pathology, effective February 1, 1972 through February 13, 1972, for personal reasons.
May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

Leonard Baver, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1972.

Katharine A. Brownell, Department of Physiology, with the title Professor Emeritus, effective July 1, 1972.

Donald P. Cottrell, College of Education, with the title Professor Emeritus, effective September 1, 1972.

Sydney N. Fisher, Department of History, with the title Professor Emeritus, effective September 1, 1972.

Dale V. Gilliland, School of Music, with the title Professor Emeritus, effective July 1, 1972.

Harold J. Grimm, Department of History, with the title Professor Emeritus, effective July 1, 1972.

Preston M. Harris, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1972.

Franklin H. Knower, Department of Speech Communication, with the title Professor Emeritus, effective September 1, 1972.

Fred R. Schlessinger, College of Education, with the title Professor Emeritus, effective July 1, 1972.

Oskar Seidlin, Department of German, with the title Professor Emeritus, effective July 1, 1972.

Laurence N. Connor, Department of English, with the title Instructor Emeritus, effective July 1, 1972.

Alice D. Edwards, Department of English, with the title Instructor Emeritus, effective July 1, 1972.

President Fawcett recommended that the Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY

(March 18, 1972 - April 12, 1972)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>11</td>
<td>$339,676.00</td>
</tr>
<tr>
<td>Industrial and Other Research</td>
<td>5</td>
<td>$41,159.00</td>
</tr>
<tr>
<td>Grants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>22</td>
<td>$715,640.00</td>
</tr>
<tr>
<td>Industrial and Other Research</td>
<td>1</td>
<td>$12,760.00</td>
</tr>
<tr>
<td>Totals</td>
<td>39</td>
<td>$1,109,235.00</td>
</tr>
</tbody>
</table>

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
May 5, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal

a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #13 - Department of Veterinary Pathology). Gross Value - $26,210.00.

b. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-A1 - Mod. #3 - Department of Metallurgical Engineering). Gross Value - $32,000.00.


e. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D.C., Regional Procurement Training (to be known as Project No. 3414-A1 - New - College of Administrative Science, Division of Continuing Education). Gross Value - $3,480.00.


The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

Gross Value - $54,000.00.

Gross Value - $8,990.00.

Gross Value - $24,996.00.

Gross Value - $9,000.00.

TOTAL - Government Contracts - Federal $339,676.00

2. Industrial and Other Research Contracts

Gross Value - $6,585.00.

Gross Value - $5,017.00.

Gross Value - $9,850.00.
May 5, 1972 meeting, Board of Trustees

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

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

2. Industrial and Other Research Contracts (continued)

   d. Research for Better Schools, Inc., Philadelphia, Pennsylvania,
      Analysis and Conceptualization of Instructional Module in Proposal
      Development - Construction II (to be known as Project No. 3372-E1 -
      New - College of Education).
      Gross Value - $9,850.00.

   e. Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio,
      The Effects of an Antihistamine - Decongestant Preparation on the
      Manifestations of Allergic Rhinitis (to be known as Project No.
      3400-A1 - New - Department of Preventive Medicine).
      Gross Value - $9,857.00.

TOTAL - Industrial and Other Research Contracts $41,159.00


   a. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, Division of Research Resources,
      Bethesda, Maryland, General Clinical Research Center - 12 Beds
      (to be known as Project No. 1196-3L - Revised Award Dtd. 3/20/72 -
      Department of Medicine).
      Gross Value - $12,776.00.

   b. Environmental Protection Agency, Office of Air Programs, Wash-
      ington, D. C., Mechanisms of Photochemically Initiated Oxidation
      (to be known as Project No. 1220-K - Sup. #1 - Department of
      Chemistry).
      Gross Value - $10,013.00.

   c. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Cancer Institute, Bethesda,
      Maryland, Synthesis of Carcinogenic Compounds (to be known as
      Project No. 1809-G - Ext. #8 - Department of Chemistry).
      Gross Value - $16,765.00.

   d. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Institute of General Medical
      Sciences, Bethesda, Maryland, Synthesis of Biologically Important
      Carbohydrates (to be known as Project No. 1820-H - Ext. #8 -
      Department of Chemistry).
      Gross Value - $60,950.00.

   e. National Science Foundation, Washington, D. C., Nuclear Physics
      Research with a 5.5 MeV Van de Graaff Accelerator (to be known as
      Project No. 2759 - NSF Ltr. Dtd. 3/31/72 - Department of Physics).
      Gross Value - $100,000.00.
May 5, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   f. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Institute of General Medical
      Sciences, Bethesda, Maryland, Development of New Assays for
      Enzymes and Inhibitors (to be known as Project No. 2791-C -
      Ext. #3 - College of Pharmacy).
      Gross Value - $23,776.00.

   g. Department of Health, Education and Welfare, Public Health Service,
      National Institutes of Health, National Cancer Institute, Bethesda,
      Maryland, Yaba Virus Oncogenesis Immunologic and Viral Factors
      (to be known as Project No. 2899-B - Ext. #2 - Department of
      Veterinary Pathology).
      Gross Value - $39,531.00.

   h. National Science Foundation, Washington, D. C., Finite Group
      Theory (to be known as Project No. 3018-A1 - Amend. #1 -
      Department of Mathematics).
      Gross Value - $15,000.00.

   i. Environmental Protection Agency, Water Quality Office, Washington,
      D. C., Toxicity of Selected Metals to Conditioned Fish (to be known
      as Project No. 3065-A2 - Grant Dtd. 8/12/71 - Department of
      Preventive Medicine).
      Gross Value - $61,894.00.

   j. Environmental Protection Agency, Water Quality Office, Washington,
      D. C., Toxicity of Selected Metals to Conditioned Fish (to be known
      as Project No. 3065-A1 - Sup. #1 - Department of Preventive
      Medicine).
      Gross Value - $1,359.00.

   k. National Science Foundation, Washington, D. C., Metal Complexes
      of Linear and Macro cyclic Tetradentate Ligands (to be known as
      Project No. 3225-A1 - NSF Ltr. Dtd. 3/31/72 - Department of
      Chemistry).
      Gross Value - $41,500.00.

   l. National Science Foundation, Washington, D. C., Class Groups of
      Global Fields (to be known as Project No. 3227-A1 - NSF Ltr.
      Dtd. 3/31/72 - Department of Mathematics).
      Gross Value - $8,400.00.
May 5, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

Gross Value - $15,400.00.

Gross Value - $100,599.00.

Gross Value - $9,970.00.

Gross Value - $4,583.00.

q. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Symposium Devoted to the Consideration of the Effects of Pharmacologic Agents on the Neuroendocrine Process that Regulates the Secretion of Hormones (to be known as Project No. 3423-A1 - New - Department of Pharmacology).
Gross Value - $8,000.00.

Gross Value - $7,924.00.

Gross Value - $20,000.00.
May 5, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   t. National Science Foundation, Washington, D. C., A Study of
      Relaxation, Diffusion, and Polarization in the Solid Hydrogens
      (to be known as Project No. 3428-A1 - New - Department of
      Physics).
      Gross Value - $37,200.00.

   u. National Science Foundation, Washington, D. C., Low Temperature
      Transport Phenomena in Metals (to be known as Project No. 3436-A1 -
      New - Department of Physics).
      Gross Value - $40,000.00.

   v. National Science Foundation, Washington, D. C., Equipment Grant -
      for the Perkins 72-inch Telescope at Flagstaff (to be known as
      Project No. 3438-A1 - New - Department of Astronomy).
      Gross Value - $82,000.00.

   TOTAL - Government Research Grants - Federal $715,640.00

4. Industrial and Other Research Grant

   a. National Tuberculosis and Respiratory Disease Association, New
      York, New York, Cellular Immunity in Sarcoidosis (to be known as
      Project No. 3426-A1 - New - Department of Medicine).
      Gross Value - $12,760.00.
May 5, 1972 meeting, Board of Trustees

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

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

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Research Contract</td>
<td>1</td>
</tr>
</tbody>
</table>

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

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY
(Period: March, 1972)

Grants
Office of Finance and Treasurer $856,313.00

Gifts
The Ohio State University Development Fund

<table>
<thead>
<tr>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>$69,503.37</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>52,329.39</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>173,097.60</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>122,819.15</td>
</tr>
<tr>
<td>Totals</td>
<td>$417,749.51</td>
</tr>
</tbody>
</table>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $163,042.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Preparing Leadership Personnel in School Psychology, under the direction of the College of Education, for the period ending August 31, 1973. (Grant No. OEG-0-70-4214, Revision No. 4)

2. $95,915.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Academic Year Institute: R & D Personnel Training Personnel, under the direction of the College of Education, for the period March 1, 1972 through August 31, 1973. (Grant No. OEG-0-72-1247)

3. $95,472.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in Brazil, under the direction of the College of Agriculture and Home Economics, for the period January 1, 1972 through March 31, 1972. (Contract No. AID/la-161)

4. $95,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in India, under the direction of the College of Agriculture and Home Economics, for the period April 1, 1972 through June 30, 1972. (Contract AID/nesa-147-India)

5. $79,360.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T12 CA08110-07)

6. $76,331.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for In-Service Program in Reading, as amended, to the College of Education, for the period December 31, 1972 through December 31, 1973. (Grant No. OEG-0-70-2057, Revision No. 6)

7. $75,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for National Conference on Career Education for Deans of Education and Professors of Educational Administration, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1972 through June 30, 1972. (Grant No. OEG-0-72-0055)

8. $41,550.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in India, under the direction of the College of Agriculture and Home Economics, for the period April 1, 1972 through June 30, 1972. (Contract AID/nesa-148-India)
A. Office of Finance and Treasurer (continued)

9. $30,040.00 granted by National Science Foundation, Washington, D. C., to the University for support of Undergraduate Research Participation, under the direction of the Department of Chemistry. This grant expires on May 31, 1973. (Grant GY-9803, Proposal No. 2/4417)

10. $29,469.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Energy Conversion in Primary Bio-Photoprocesses, for a Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 GM21946-09)

11. $25,080.00 granted by National Science Foundation, Washington, D. C., to the University for support of Undergraduate Research Participation, under the direction of the College of Pharmacy. This grant expires on May 31, 1973. (Grant GY-9978, Proposal No. 2/4343)

12. $17,624.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Facilitating Career Education Through Career Development Program Specialists, under the direction of the Center for Vocational and Technical Education, for the period June 28, 1971 through August 31, 1972. (Grant No. OEG-0-71-4553, Revision No. 2)

13. $15,090.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Physiology - Training Grant, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T0I HL84659-08)

14. $7,840.00 granted by the Ohio Bureau of Employment Services, Columbus, Ohio, to the University for instruction of 35 supervisors of the Bureau of Employment Services, under the direction of the College of Administrative Science, Division of Continuing Education. This grant terminates on June 16, 1972.

15. $7,500.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Professional Nurse Traineeship - Training Grant, under the direction of the School of Nursing, for the period September 1, 1971 through August 31, 1972. (Grant No. 3 A11 NU00029-15S2)

16. $2,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of the U. S. Loan Program for Cuban Students, under the direction of the Office of Student Financial Aids, for the period April 1, 1972 through June 30, 1972. (BHE DSA CLP)
May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund

1. $52,503.00 from The John A. Hartford Foundation, Inc., New York, New York, for The John A. Hartford Foundation pancreas ulcer tumor research.

2. $22,648.59 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

3. $13,800.00 from The Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.

4. $12,900.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

5. $12,000.00 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.

6. $10,000.00 from the Estate of Melvin E. Moffitt, San Antonio, Texas, as an unrestricted bequest to the University.

7. $10,000.00 from G. D. Searle and Company, Chicago, Illinois, for its research fund in gastroenterology.

8. $10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, to support the Lamme Power Systems Laboratory under the direction of the Department of Electrical Engineering.

9. $8,100.00 from The Yassenoff Foundation, Columbus, Ohio, to support funds of the various colleges.

10. $6,185.00 from The Charles F. High Foundation, Bucyrus, Ohio, for scholarships.

11. $6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

12. $5,022.00 from the African-American Institute, New York, New York, for its fellowship fund.

13. $4,650.00 from friends, colleagues, and former teammates of Jack W. Stephenson--$3,150.00 for the establishment of Jack W. Stephenson Scholarship and $1,500.00 for the establishment of the Jack W. Stephenson "Tackle of the Year" Award.

Jack W. Stephenson Scholarship

The Jack W. Stephenson Scholarship was established May 5, 1972, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from friends, colleagues and
May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. Jack W. Stephenson Scholarship (continued)

former teammates, in memory of Jack W. Stephenson, Edu. w '42, late of Marion, Ohio, and Grosse Pointe, Michigan, and President of the College of Administrative Science's Pace Setters at the time of his death June 29, 1971.

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

The annual income is to be used to award a scholarship to an outstanding student in the College of Administrative Science. The recipient is to be selected upon the recommendations of the Pace Setters and the Dean of the College of Administrative Science.

Should the College of Administrative Science and the Pace Setters organization cease to exist through any reorganization of the University, then the scholarship is to be awarded upon the recommendations of the appropriate administrative official of the University who is then directly responsible for business education.

Jack W. Stephenson "Tackle of the Year" Award

The Jack W. Stephenson "Tackle of the Year" Award was established May 5, 1972, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from friends, colleagues and former teammates, in memory of Jack W. Stephenson, Edu. w '42, late of Marion, Ohio, and Grosse Pointe, Michigan, and Captain of the 1941 Varsity Football Team.

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

The annual income is to be used to provide a trophy to the best tackle on the Varsity Football Team. The award is to be made at the conclusion of each football season. The winner of the award is to be selected by the Varsity Football coaching staff.
May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

1. A gift of equipment for the Departments of Electrical Engineering and Aeronautical and Astronautical Engineering from McDonnell-Douglas Aircraft Company, St. Louis, Missouri.

2. A gift of Thurber literary material to be added to the Thurber Library from Mrs. James Thurber, West Cornwall, Connecticut.

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. University College, Building No. 1

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,011,447.00</td>
<td>$3,009,417.70</td>
<td>($2,029.30)</td>
</tr>
</tbody>
</table>

Various revisions and deletions were made to the site work since it would be more advantageous to coordinate the work during construction of University College, Buildings No. 2 and No. 3.

The credit on this contract has been reflected in HB 949, Item 315-037, HB 886, HB 828, and Budget Account 801175.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the above extra and credit order to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:
May 5, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

A. University College - Building No. 13

This two story plus basement building is to be located on the West Campus and is designed to provide facilities for introductory courses in astronomy, geology, mathematics, physics, political science, psychology, and theater to students in the University College.

Funds for this project will be provided in HB 988, Item 315-067, HB 531, Item 315-067, SB 457, Item 315-067 (Pending Appropriation Act), Board of Regents.

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

VII. REPORT OF AWARD OF CONTRACTS

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

A. Airport Buildings--Hangars No. 1, No. 2, and No. 3, Repair to Roof (3160 Case Road)

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(6 bids received 4-10-72)</td>
<td>$21,165.00</td>
<td>$81,600.00</td>
</tr>
</tbody>
</table>

Earl E. Bright, Inc. (Columbus)

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

B. Means Hall--Roof Repairs 1972

<table>
<thead>
<tr>
<th>General Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4 bids received 4-10-72)</td>
<td>$42,226.00</td>
<td>$119,600.00</td>
</tr>
</tbody>
</table>

Earl E. Bright, Inc. (Columbus)

Funds for this project have been provided from Budget Account 801255 (Means Hall Roof).
May 5, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Roadway Repairs 1972--Roads South of Agricultural Administration Building

<table>
<thead>
<tr>
<th>Low Bid Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$24,421.87 $ 38,100.00</td>
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</table>

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

D. Optometry Building--Improvements to Air Conditioning

<table>
<thead>
<tr>
<th>Low Bid Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$13,050.00 $ 16,000.00</td>
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</tbody>
</table>

Electrical Contract
(6 bids received 4-4-72)
L. Paul Miller Electric Co. (Lancaster, Ohio)

<table>
<thead>
<tr>
<th>Low Bid Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,751.00 $ 3,000.00</td>
</tr>
</tbody>
</table>

Total All Contracts

<table>
<thead>
<tr>
<th>Low Bid Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$14,801.00 $ 19,000.00</td>
</tr>
</tbody>
</table>

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

E. Brown Hall--Heating and Ventilating System Repairs

<table>
<thead>
<tr>
<th>Low Bid Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$37,300.00 $ 45,000.00</td>
</tr>
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</table>

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

F. Physical Education Building--Roof Repairs 1972
(377 West 17th Avenue)

<table>
<thead>
<tr>
<th>Low Bid Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$16,545.00 $ 28,000.00</td>
</tr>
</tbody>
</table>

587
VII. REPORT OF AWARD OF CONTRACTS (continued)

F. Physical Education Building--Roof Repairs 1972 (377 West 17th Avenue) (continued)

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

G. Undergraduate Library and Service Center (Joseph Sullivant Hall) - 13.2 KV Primary Distribution System Extension

<table>
<thead>
<tr>
<th>Primary Distribution Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
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<tbody>
<tr>
<td>(6 bids received 4-27-72)</td>
<td>Jess Howard Electric Co. (Columbus)</td>
<td>$88,447.00 $110,000.00</td>
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Funds for this project have been provided from Budget Account 801095 (Undergraduate Library).

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth George Hornung, Professor in the Department of Mechanical Engineering, and John Bradford Titchener, Professor Emeritus in the Department of Classics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Kenneth George Hornung

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 4, 1972, of Kenneth George Hornung, Professor in the Department of Mechanical Engineering.

Dr. Hornung was born in New Bavaria, Ohio, on May 3, 1927. After a short period in the U. S. Army in which he attained the grade of Sergeant, he entered The Ohio State University from which he earned three degrees, the combined baccalaureate and master's in Mechanical Engineering in 1952, and the doctorate in 1959. His dissertation was entitled "Factors influencing the Fatigue Characteristics of Rubber-Textile Machine Elements."
A. Kenneth George Hornung (continued)

For a time in 1952 he worked for Robbins and Myers, Incorporated, before he returned to the University to continue his education. He served as Research Associate or Instructor until 1959 when he joined the faculty of the Department of Mechanical Engineering as Assistant Professor. He was promoted to Associate Professor in 1963, and to Professor in 1967.

Dr. Hornung served as a consultant to several industrial companies. His primary teaching area was in design where he taught all related courses and established some on his own accord. He served on many important committees of his Department and College and the philosophies of engineering education he expounded will live long in the minds of his students and conferees.

Dr. Hornung was a licensed professional engineer in Ohio, a member of the honorary societies Pi Tau Sigma, Tau Beta Pi, Pi Mu Epsilon, and Sigma Xi. He was listed in American Men of Science, Who's Who in American Education and Who's Who in the Midwest. He was a member of many professional societies and active in the American Society of Mechanical Engineers and the American Society for Engineering Education. He published many technical papers and was a much sought after advisor to graduate students. He was a member and deacon of the Dublin Community Church.

Dr. Hornung exemplified to the fullest the combination of distinguished teacher, understanding advisor, expert scientist and engineer, and valued associate.

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

B. John Bradford Titchener

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 9, 1972, of John Bradford Titchener, Professor Emeritus in the Department of Classics.

Dr. Titchener was born in Ithaca, New York, on January 2, 1898. He was graduated with the Bachelor of Arts degree from Clark College in 1917. He earned the Master of Arts degree in 1921 and the Doctor of Philosophy degree in 1923 from the University of Illinois. From 1917 to 1919 he served first in the Ambulance Service of the French Army and later in the United States Army.
May 5, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. John Bradford Titchener (continued)

From 1923 until 1925 Dr. Titchener was Instructor in Greek at the University of Michigan, and in 1925 he became Instructor in Classical Languages at Harvard University, being promoted to Assistant Professor in 1927. He was appointed Assistant Professor in Classical Languages at The Ohio State University in 1930, becoming Associate Professor in 1933, and Professor in 1939. From 1931 until 1934 he was Acting Chairman of the Department of Classical Languages and became Chairman in 1934, a position which he held until 1966. He retired from the department in 1968 and was appointed Professor Emeritus.

In 1934 Professor Titchener held a Visiting Professorship at Stanford University. In 1960-61 he was Fulbright Lecturer and Visiting Professor at the University of Melbourne and in 1968-69 Visiting Lecturer at the University of Sydney.

Dr. Titchener was active in local, regional, and national Classical associations, including the American Philological Association and the Classical Association of the Middle West and South. In his long tenure of the Chairmanship of the Department of Classical Languages he developed the graduate program in Classics and pioneered the undergraduate programs in the teaching of Classics in English. He worked closely with Classics teachers throughout Ohio, developing a continuing cooperation between the department and the secondary schools. In the area of classical scholarship he was especially distinguished for his studies in textual criticism and in the poetry of Horace, and he edited part of the text of Plutarch in the Teubner series. He was an expert on primitive art and during his visits to Australia and the South Pacific he collected pieces of the primitive art of the area for the Columbus Gallery of Fine Arts.

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

Mr. Shocknessy called on Mr. Dorsey for a report from the Retirement and Insurance Committee. Before making this report and recommendation, Mr. Dorsey made the following statement:

Before I present this recommendation, since this seems to be a day of expression of appreciation I, too, would like to express my appreciation for all of the kind things that have occurred to me since I became associated with this University, particularly the privilege of serving as a member of this Board. Since it appears quite likely that my term is ending today, I want to make sure that my thoughts on this association
May 5, 1972 meeting, Board of Trustees

Mr. Dorsey's statement (continued)

are recorded. Never in my wildest dream when I was a student at this University did I ever think that I would ever have the privilege of serving in such a high capacity. I have a lot of friends who like to play practical jokes on me just because I'm such a sweet, lovable guy. So when the Governor's secretary called me and asked if I would accept the position as a member of the Board of Trustees I thought this was one of my friends playing a practical joke on me. To check, however, I called my friend, Dick Mall, since I was serving on the Alumni Board at that time. Dick assured me that it was not a practical joke. This has really been a fantastic experience for me. I have come to know some very great men who serve on the Board of Trustees and who serve in the administration of this University and are in my view truly dedicated to the best interests of this University. The view from the inside is very different from the view from the outside. People often criticize these men for their actions and while sometimes the criticism is warranted since I have been a part of this procedure I am firmly convinced that these men are acting in the best interest of the University. I wanted to express my appreciation for being a part of this process. And you may be assured that I will continue to serve this University in anyway I can. I believe that it is a great University, in my estimation one of the best.

Mr. Shocknessy responded to Mr. Dorsey's statement:

On behalf of this Board I will respond to you and say that your service has been without parallel. You have had some agonizing votes to cast, and you looked at them thoughtfully and fearlessly and cast your votes. I can say that I personally and every member of our Board has enjoyed serving with you and have great respect not merely for you as a person and as a human being but as a man with a 'good head.' You have a 'good head' and a 'good heart' and we have liked serving with you. As I said a while ago, I would hope that you would have an opportunity to serve as Chairman of this Board in your own right. I was not saying it vainly. I said it because I mean it. Bob, I hope that your inference, if that is what it is, that you will not be back another term is not correct because you have served well and it takes a while for a member on this Board to become fully assimilated by the Board and I think it is too bad to lose as a member a man who has just been fully assimilated. I hope that you will continue as a member and whether you do or not you will have the lifelong satisfaction and your family will have the lifelong satisfaction of knowing that you gave great service--selfless, good, constructive service to this University. I wish that there were more that I could say; I wish that there were more that I could do to make effective what I would wish and what I am sure the members of this Board wish. Many times the President has expressed his gratitude to you for the service you gave. I know how the President feels and I know we all feel that you have been a fine member of this Board.
May 5, 1972 meeting, Board of Trustees

Mr. Dunlap made the following statement:

I'm not given too much to oratory but I do want to say two things, first about Bob Dorsey—he has been a great member of this Board. I really think that he has more 'stuff' than most anybody here. I like him as a Board member but more than that I admire him as a man. And I, too, hope he is given an opportunity to continue his service on this Board. I also want to say something about our retiring Chairman—I think that he has done a remarkable job. I only wish I had the powers to express myself as he and some of the rest of you do. Some of us, as the Chairman said earlier, were nurtured by the University. We have deep ties here, but Jim did not go to school here, yet he has served this University with the same or more ardor and devotion, than a great many people who did graduate from the University. And, speaking just for myself, I want to say that I do not think that we have ever had a better Chairman than Jim and I do not think we have ever had a better Board member than Bob.

IX. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Dorsey, a member of the Retirement and Insurance Committee, presented the following report and recommended that The Ohio State University Student Health Insurance Program for the 1972-73 policy year be made available to all students at the same quarterly premium rates and including the improved coverages as outlined in a detailed statement which is filed with the official records of the Board of Trustees. The Student Health Insurance coverage as recommended by the Subcommittee on Student Insurance and endorsed by the Council on Student Affairs and approved by the consultant on student insurance is in accordance with the existing renewal agreement with the Continental Casualty Insurance Company which expires on September 30, 1973.

<table>
<thead>
<tr>
<th>Quarterly Premium Rates</th>
<th>1972-73 Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$14</td>
</tr>
<tr>
<td>Student and Spouse</td>
<td>28</td>
</tr>
<tr>
<td>Student, Spouse, and All Children</td>
<td>46</td>
</tr>
<tr>
<td>Student and Dependent Child or Children</td>
<td>28</td>
</tr>
</tbody>
</table>

The Subcommittee on Student Insurance and the Council on Student Affairs recommended that the current contract be renewed including the recommended improvements with the Continental Casualty Insurance Company for the 1972-73 year.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.
May 5, 1972 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated May 5, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

In concluding the meeting, President Fawcett made the following statement:

My statement may have been somewhat inadequate in expressing to you, Mr. Shocknessy, this University's sense of appreciation for the unselfish contribution of time and the quality of service that you have rendered this institution.

I did not comment on Mr. Dorsey's service to this Board and the University and I would like to do so now. I want to put a footnote under everything that Mr. Dunlap and the Chairman have said and to say 'Amen.' Then I would like to do something that I have never done before in all my sixteen years as President. While I have never been a factor in any Governor's selection of Trustees, I think the highest tribute I could pay Bob Dorsey would be to say that in the event a Governor would call me and ask me to fill this vacancy on the Board I would say 'Reappoint Bob Dorsey.'

And finally, I want to congratulate Fred Eckley publicly for his election as the new Chairman of this Board. I am sure that he will provide the quality of leadership that will make me somewhat regretful that I will only be able to serve two meetings under his leadership. All of this can best be summarized by just indicating a little sense of envy of Harold Enarson of the quality of people who serve on this Board and for the association he will have with this Board hopefully for many years to come.

Mr. Shocknessy responded to the President:

Thank you, Mr. President. We are all pleased today--this is one of those days that is sort of bittersweet--there is some bitterness and some sweetness. We take it all and we enjoy it all because bittersweetness isn't tastelessness. So I just want to say that as I give up the gavel I thank everybody and along with you I am glad the day the secretary called Bob Dorsey that it was not a practical joke.

- o -

Thereupon the Board adjourned to meet Friday, June 2, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

James W. Shocknessy
Chairman
APPENDIX IX

Revision of Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty

Approved by Faculty Council
April 11, 1972

Adopted by Board of Trustees May 5, 1972
(See page 542)
On April 11, 1972, the Faculty Council approved changes in Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty. The text of each Rule as modified is as follows:

31.0701. Men Students.

All undergraduate men students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

a. National Defense Studies. (1) Two hours of Military Science or Air Force Aerospace Studies each quarter (or three hours of Naval Science each quarter during the freshman year and two hours of Naval Science each quarter during the sophomore year) until a total of twelve (Naval Science, fifteen) credit hours has been earned; or (2) a grouping of academic courses prescribed by the College in which the student is registered, which courses shall be in addition to all College requirements; and

b. One or more hours of Physical Education per quarter for a total of three quarters.

31.0703. Women Students.

All undergraduate women students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

a. Excepting students enrolled in the School of Nursing, a grouping of academic courses prescribed by the College or School in which she is registered, which courses shall be in addition to all College requirements; and

b. One or more hours of Physical Education per quarter for a total of three quarters.

31.0705. Marks for and Excuses from University Required Courses.

Section 1. Transfer within the University shall not excuse a student from compliance with the requirements of Rules 31.0701 and 31.0703.

Section 2. The President shall determine University policy with respect to excuse from the requirements of Rules 31.0701 and 31.0703 of students transferring with advanced standing from other institutions or from branches of this University. In addition, the School of Health, Physical Education and Recreation may excuse individual students from any part or all of the Physical Education requirements of Rules 31.0701 and 31.0703.

Section 3. These required courses, for both men and women, may be taken either on a Pass/Non-Pass or on a graded basis.
35.07. Marks.

T—Temporarily excused. This mark applies only to Military Science, Air Force Aerospace Studies or Naval Science, or Physical Education. No credit hours shall be awarded to a course in which a student received a T mark.

X—Permanently excused. This mark applies only to Military Science, Air Force Aerospace Studies or Naval Science, or Physical Education. No credit hours shall be awarded to a course in which a student received an X mark.

PA/NP—Pass/Non-Pass. This grading pattern may be chosen for

(a) any or all of the University required courses (31.0701, 31.0703) of Physical Education and National Defense Studies.

(b) an additional maximum of 15 hours of work.

The 15 hours noted in "b" above is confined to undergraduate students enrolled in a degree-granting college, who have an accumulated point-hour ratio of 2.0 or higher. In addition, courses required or specified as required electives in the curriculum leading to the degree for which a student is a candidate may not be taken on a Pass/Non-Pass basis.

Hours graded PA or Pass count towards the degree, and PA/NP or Pass/Non-Pass are not computed in the point-hour average of the student. After an instructor is notified of the Pass/Non-Pass decision he will submit PA or NP to the Registrar, consistent with that decision, in the case of each student making the election. University and College rules for adding and deleting courses apply to courses elected on a Pass/Non-Pass basis. For the purpose only of calculating final standing in a course, the grade Pass is the equivalent of the grades ABCD and the grade Non-Pass of the grade E.
APPENDIX X

Revision of Rule 43.11 of Rules for the University Faculty
Page 580 Blank
43.11. Instructional and General Fees for Instructors, Graduate Teaching Associates, Graduate Research Associates, Graduate Administrative Associates, Fellows, Scholars, and University Employees.*

Section 1. "Fees authorized" are those fees which are paid on behalf of a student through University accounts for the purpose of services rendered, employee benefits or student assistance. A fee authorization provides the authority to spend money from whatever account is specified to pay student fees. All fees must be authorized by an appropriate Fee Authorization Card. Approved fee authorizations will be processed as an expenditure against the department and account specified.

Section 2. The payment of instructional and general fees may be authorized, except as specifically prohibited by the University, for those within the following classifications:

a. Members of the instructional staff of the University, with the rank of Instructor and above who were employed before July 1, 1955 and who are registered in the Graduate School, and any member of the teaching staff who, on the approval of the appropriate Instructor and Department Chairman or Director of a School, enrolls as an Auditor. (Rule 41.19)

b. Graduate Teaching Associates, Graduate Research Associates, and Graduate Administrative Associates who meet the specified requirements of enrollment and employment may have their instructional and general fees authorized for payment as a benefit for services rendered.

c. Employees of organizations having specific contracts with the Board of Trustees of the University whereby fees of persons designated by the agreement are authorized, in whole or in part, in lieu of payment for service rendered by the organization to The Ohio State University.

d. Undergraduate and professional students eligible for the authorization of fees under scholarship assistance programs.

e. Graduate students eligible for the authorization of fees under University, private, and governmental fellowship and traineeship agreements.

Section 3. The President, subject to the approval of the Board of Trustees, shall have authority to enter into an agreement with an organization or person not provided for in another category.

Section 4. A copy of the agreement and the names of person, or persons, designated to sign and certify fee authorizations will be filed with the Office of Personnel Services. All agreements shall contain information as to who is responsible for the overall administration of fee authorizations for these programs. Problems of coordination and individual cases that need interpretation of the rules concerning fee authorizations shall be referred for decision to the Office of Personnel Services.
Section 5. Reimbursement for tuition, instruction and general fees, as appropriate for employees is provided under provisions of the Employee's Fee Reimbursement Program as administered by the Office of Personnel Services. As a general principle, employees who are members of the administrative or clerical staff of the University will not be permitted to take courses except outside of the prescribed working hours.

Section 6. In all cases where interpretation and application of the rules specified herein are required, the question shall be referred for decision to the Office of Personnel Services.

*Rule initiated by Board of Trustees.*
The Board of Trustees met at its regular monthly meeting on Friday, June 2, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
President Fawcett presented the following recommendations:

1. GENERAL RECOMMENDATIONS

A. Budget for Fiscal Year 1972-73 and Increase in Instructional Fee

President Fawcett made the following statement and recommendation:

Today I am presenting for your consideration and approval the University budget for the fiscal year 1972-73. Before commenting on specifics of this budget I should like to make a few remarks of a general nature.

As you will recall in an earlier presentation to this Board at the time that the budget for fiscal year 1971-72 was being considered, I indicated that the level of financial support which the University received from the state for this biennium fell substantially below that which had been anticipated. I indicated that this situation was further complicated by the fact that the legislature chose to depart from tradition and provide no increase in the level of support in the second year of the biennium over the first. To accommodate this financial problem it became necessary for us to provide sufficient resources to cover all necessary increases in the second year of the biennium. And for the first time in over a decade we could not look to an increase in the number of persons paying fees to assist us in this funding problem since our enrollments are becoming stabilized. To compound our financial dilemma, the legislature chose to mandate a very substantial and, I might say, well-deserved pay increase for all state civil servants including the approximately 2,500 civil servants at this University. At the same time the state universities were excluded from the resources provided in support of this action. Because of these difficult economic facts of life compounded by the continuing inflationary pressures which seem to be particularly critical for a university such as Ohio State which is engaged in such a wide range of activities, it was obvious that we would have to depart from previous budget-making procedures and develop a new budgeting approach. Thus, rather than adding increments to a continuation budget for our programs, as we had done in previous years, we initiated an approach whereby each program was examined on the basis of activity level and work load. This resulted in substantial reallocations of resources from programs with declining enrollments or work loads to programs on which increasing demands were being placed either through enrollments or activity. For example, because of the planned reduction in the number of entering freshmen at Ohio State for this coming year, those colleges providing the majority of the freshmen course loads have had downward adjustments in the resources provided to them. While this approach is in the early stages of development, of necessity,
June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

a number of refinements will have to be made. We believe that this method of budgeting provides a system whereby this University can be responsible to the changing patterns of enrollments and programs and at the same time be financially responsible.

Concurrent with this budgeting method we are making an effort to decentralize more of the decision-making process to the college level since it is believed that difficult priority decisions directly affecting educational programs within each college can be most effectively made by the responsible units. As an example of this principle, a portion of the necessary funding associated with the civil service pay increase had to be shared directly with the colleges, since this total financial obligation could not be accommodated within the very limited uncommitted resources of the University. Accordingly the colleges were asked to provide a portion of these funds from within their own resources either through economies in operating or equipment budgets or through cutbacks within personnel budgets.

Now I should like to turn to some of the specifics of this budget recommendation. Calling for expenditures of $272,095,374, which represent approximately a $15 million increase over the first year of this biennium, this budget represents a 5.8 per cent increase over last year's expenditures. This increase is constituted as follows: an instructional and general budget increase of 6.7 per cent or $8.3 million, the major component of which $5.3 million is allocated to personnel services enabling this University to meet the 13 per cent increase for classified staff mandated by state law; and a 4 per cent average faculty salary increase. Minimal increases of 3.5 per cent were allocated to the operating and equipment budgets, a necessary action since these budgets were held at the 1970-71 level during fiscal year 1971-72, in spite of inflation and increased departmental activities. There are also some budgeted increases in support of activities that realized increased earnings such as the laboratory animal center and the student health center.

This budget expenditure level is fully supported from the anticipated resources including the current level of student fees. However, I am requesting a realignment of those fees so that this University may take the final step in its implementation of the Faculty Council recommendation of 1969 which called for the elimination of all course fees in support of the concept that
courses should be equally accessible to all students without regard to differential costs. To offset the loss of revenue from such action, I am recommending that our instructional fee for all students be increased by ten dollars per quarter effective with the Autumn Quarter 1972. This will mean, for example, that the undergraduate students instructional fees will be increased from $200 to $210 making the total instructional and general fees, $250 per quarter. The authority for such a modification is contained in the appropriation act of the current legislature subject to ratification by the Ohio Board of Regents. (See Schedule of Student Fees, page 589.)

In conclusion while there is little doubt that I am presenting to you a tightly drawn budget, I am satisfied that with the continuing support of the University community and the critical review of our spending at every level, this University will be able to sustain the momentum of its academic programs. While resources available for the development of new and improved programs are exceedingly limited, selective gains are essential and will simply have to be achieved through efficiencies, reduction, or elimination of lower-priority programs. In sum, I am satisfied that this budget will meet the University's existing commitments and at the same time maintain its fiscal integrity.

Budget for the 1972-73 Fiscal Year

<table>
<thead>
<tr>
<th></th>
<th>Estimated 1971-72</th>
<th>Budgeted 1972-73</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Budgets - Main Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel Services</td>
<td>$96,123,985</td>
<td>$101,394,972</td>
</tr>
<tr>
<td>Operating &amp; Equipment</td>
<td>19,378,396</td>
<td>20,889,689</td>
</tr>
<tr>
<td>All Other</td>
<td>8,019,222</td>
<td>9,565,325</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$123,521,603</td>
<td>$131,849,987</td>
</tr>
<tr>
<td><strong>Regional Campuses</strong></td>
<td>$4,858,270</td>
<td>$5,396,387</td>
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Schedule of Student Fees, Effective Autumn Quarter, 1972

<table>
<thead>
<tr>
<th>College or School</th>
<th>Instructional</th>
<th>General</th>
<th>Resident Total</th>
<th>Out-of-State Tuition</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Science</td>
<td>$210</td>
<td>$40</td>
<td>$250</td>
<td>$350</td>
<td>$600</td>
</tr>
<tr>
<td>Agriculture and Home Economics</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
</tr>
<tr>
<td>Arts and Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Arts</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
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<tr>
<td>Biological Sciences</td>
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<td>250</td>
<td>350</td>
<td>600</td>
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<tr>
<td>Humanities</td>
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<tr>
<td>Mathematics and Physical Sciences</td>
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<tr>
<td>Social and Behavioral Sciences</td>
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<tr>
<td>Education</td>
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<tr>
<td>Engineering</td>
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<tr>
<td>Graduate School</td>
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<td>350</td>
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<td>Dentistry</td>
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<td>310</td>
<td>350</td>
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<tr>
<td>Dental Hygiene</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
</tr>
<tr>
<td>Law</td>
<td>270</td>
<td>40</td>
<td>310</td>
<td>350</td>
<td>660</td>
</tr>
<tr>
<td>Medicine</td>
<td>270</td>
<td>40</td>
<td>310</td>
<td>350</td>
<td>660</td>
</tr>
<tr>
<td>School of Allied Medical Professions</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
</tr>
<tr>
<td>School of Nursing</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
</tr>
<tr>
<td>Optometry</td>
<td>270</td>
<td>40</td>
<td>310</td>
<td>350</td>
<td>660</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>270</td>
<td>40</td>
<td>310</td>
<td>350</td>
<td>660</td>
</tr>
<tr>
<td>University College</td>
<td>210</td>
<td>40</td>
<td>250</td>
<td>350</td>
<td>600</td>
</tr>
<tr>
<td>University Regional Campuses</td>
<td>200</td>
<td>25</td>
<td>225</td>
<td>350</td>
<td>575</td>
</tr>
</tbody>
</table>

Fees for part-time students (those enrolled for six or fewer credit hours) shall be assessed at one-half of full fees. When fees are not evenly divisible, they shall be assessed to the next even dollar amount.
June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

<table>
<thead>
<tr>
<th>Estimated 1971-72</th>
<th>Budgeted 1972-73</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Restricted Budgets/Expenditures</strong></td>
<td></td>
</tr>
<tr>
<td>Endowments</td>
<td>$ 1,225,000</td>
</tr>
<tr>
<td>Federal Grants/Contracts</td>
<td>20,500,000</td>
</tr>
<tr>
<td>Ohio Grants/Contracts</td>
<td>1,975,000</td>
</tr>
<tr>
<td>Private Gifts/Grants</td>
<td>5,200,000</td>
</tr>
<tr>
<td>Research Foundation</td>
<td>16,500,000</td>
</tr>
<tr>
<td>Other</td>
<td>2,465,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$ 47,865,000</td>
</tr>
</tbody>
</table>

| **Rotary and Auxiliary Budgets** | | |
| Cooperative Extension | $ 11,100,000 | $ 11,224,000 |
| University Hospitals | 36,800,000 | 40,100,000 |
| University Dormitories | 14,187,000 | 14,769,000 |
| Intercollegiate Athletics | 3,870,000 | 4,024,000 |
| Departmental Earnings | 4,325,000 | 4,500,000 |
| University Services | 2,350,000 | 2,460,000 |
| All Other | 8,150,000 | 9,567,000 |
| **Total** | $ 80,782,000 | $ 86,644,000 |

**Grand Total** | $257,026,873 | $272,095,374 |

**Sources of Income for 1972-73 Budget**

| Main Campus | | |
| State Subsidy | $ 65,743,666 | |
| Student Fees | 45,175,000 | |
| Other Unrestricted Income | 16,482,252 | |
| Carry Forward from 1971-72 | 4,449,069 | |
| **Total** | $131,849,987 | |

| Regional Campuses - All Sources | | |
| Departmental Earnings | $ 5,396,387 | |
| University Services | 4,500,000 | |
| Auxiliary Operations | 79,684,000 | |
| Restricted Funds | 48,205,000 | |
| **Grand Total** | $272,095,374 | |
June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and Increase in Instructional Fee (continued)

President Fawcett recommended that all course fees be eliminated and the increase in instructional fee be approved effective with the Autumn Quarter. It was further recommended that the 1972-73 budget be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Residence Halls Room and Board Rates

President Fawcett made the following statement and recommendation:

In spite of our best efforts to hold the line on the costs of education, I find that I must recommend increases in the basic room rates for this coming year. For undergraduates this rate increase will be $33 per quarter bringing the rate to $445 per quarter which represents an eight per cent increase in cost. A substantial portion of these increases were necessitated by salary adjustments equivalent to those mandated to our civil service employees which resulted in over a 19 per cent increase in the cost of personal services. At the same time we are experiencing sizable increases in the cost of food, materials, supplies, utilities, and contract services in the operation of these facilities. To offset as much of these increases as possible, a number of economies have been effected and are being considered including, for example, the number of food facilities presently being operated by this University. A number of other areas are also being examined for possible economies in the hope that we can successfully combat the inflationary pressures and at the same time provide resident facilities which are conducive to the educational and social development of our students.

The specific schedule of rates, with effective dates, which I am recommending are as follows:

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Recommended Rates</th>
<th>Present Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Dormitories</td>
<td>$445 per quarter</td>
<td>$412 per quarter</td>
</tr>
<tr>
<td>Stadium Scholarship Dormitories</td>
<td>206 per quarter</td>
<td>195 per quarter</td>
</tr>
</tbody>
</table>

Effective Autumn Quarter, 1972
June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Residence Halls Room and Board Rates (continued)

President Fawcett's statement (continued)

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Effective Summer Quarter, 1972</th>
<th>Buckeye Village</th>
<th>Effective July 1, 1972</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single Room</td>
<td></td>
<td>One-Bedroom Units</td>
</tr>
<tr>
<td></td>
<td>$210 per quarter</td>
<td></td>
<td>94 per month</td>
</tr>
<tr>
<td></td>
<td>$195 per quarter</td>
<td></td>
<td>91 per month</td>
</tr>
<tr>
<td></td>
<td>Double Room (Each occupant)</td>
<td></td>
<td>Two-Bedroom Units</td>
</tr>
<tr>
<td></td>
<td>180 per quarter</td>
<td></td>
<td>119 per month</td>
</tr>
<tr>
<td></td>
<td>165 per quarter</td>
<td></td>
<td>114 per month</td>
</tr>
</tbody>
</table>

President Fawcett recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables in general conformity with the schedule of rates established in the foregoing paragraph.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the residence halls room and board rates by unanimous roll call vote.

C. Combining of the Department of Veterinary Pathology and Department of Veterinary Microbiology and Parasitology into the Department of Veterinary Pathobiology

The Faculty Council on May 9, 1972, approved the combining of the Department of Veterinary Pathology and the Department of Veterinary Microbiology and Parasitology into the Department of Veterinary Pathobiology, effective July 1, 1972.

Because of the number of common areas of interest in the programs of these two Departments the merger into one Department will result in a more effective use of the teaching resources in the integrated curriculum, including substantial savings in equipment, materials and facilities, a greater utilization of the intellectual and creative talents of the faculty of both departments in teaching and research, and a general strengthening of the graduate program.

President Fawcett recommended that the action of the Faculty Council be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.
June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Adoption of an Official Shield for the School of Nursing

The faculty and students of the School of Nursing have accepted a shield for the School of Nursing of the College of Medicine of The Ohio State University. It is the intention of the faculty and students to utilize this shield of the School of Nursing on their white coats in a manner similar to that of staff members and students and the faculty of the College of Medicine.

President Fawcett recommended that the Board of Trustees approve the proposed shield, as submitted by the Vice President for Medical Affairs, and further that the original copy of such shield be filed with the official records of the Board of Trustees.

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

E. Acceptance of Federal Aviation Administration Grant

This Board has previously authorized and directed the President to file an application with the Federal Aviation Administration (FAA) for a grant to support the expansion of the University Airport.

The said application was filed and the University has received an offer for a Grant Agreement from the Federal Aviation Administration under date of 17 May 1972.

Be It Resolved, that Novice G. Fawcett, President of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board to ratify and adopt all statements, representations, warranties, covenants and agreements contained in the Project Application and incorporated materials referred to in the offer for a Grant Agreement, and to accept said offer for a Grant Agreement and agree to all of the terms and conditions thereof by executing the "Acceptance" portion of the Grant Agreement submitted by the Federal Aviation Administration under date of 17 May 1972 in the form attached hereto. (See Appendix XI, page 623.) (FAA Project 8-39-0027-01, Contract No. DOT-FA-72-GL 6722.)

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the acceptance of the foregoing grant from the Federal Aviation Administration by unanimous roll call vote.

F. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 9, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix XII, page 643.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.
June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Reprinted Sections--Bylaws of the Board of Trustees and Rules for the University Faculty

Two sections of the publication--Bylaws of the Board of Trustees and Rules for the University Faculty--have been reprinted to conform with changes which have been approved by the Board of Trustees since the last publication in March, 1971.

President Fawcett recommended that these two reprinted sections be accepted as the official publication of the Board of Trustees.

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

H. Trusteeship of the Phi Delta Kappa Educational Foundation

The late George H. Reavis, noted educator, benefactor and friend of The Ohio State University, established a trust in 1966 known as "The Phi Delta Kappa Educational Foundation." The irrevocable trust agreement under date of October 13, 1966, and executed by George H. Reavis, contained the following provision:

Upon the death of Grantor, George H. Reavis, and as soon as practical after the administration of said Grantor's estate is completed, and not later than twenty-four (24) months after said death, the Board of Governors shall designate the Board of Trustees of The Ohio State University, Columbus, Ohio, as the successor Trustee to the Huntington National Bank under the terms of this trust, provided the Board of Trustees of The Ohio State University agrees to accept the corpus of the Trust estate and agrees to hold, administer and distribute the same and the proceeds and income therefrom upon the trust conditions, limitations and restrictions imposed by this instrument.

After wide discussions within the University community, legal counsel, and members of the Foundation's Board of Governors, and according to the wishes of Dr. Reavis, President Fawcett recommended that The Ohio State University Board of Trustees accept designation as successor Trustee under the terms of the trust and continue as trustee so long as the trust is of use and benefit to the educational purposes of the University with the funds to be maintained within The Ohio State University portfolio under standard University procedures and charges.

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

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I. GENERAL RECOMMENDATIONS (continued)

I. Establishment of Willard M. Kiplinger Chair in Public Affairs Reporting

During the past two years, The Kiplinger Foundation, Inc., of Washington, D. C., has contributed $200,000 to The Ohio State University to establish the Willard M. Kiplinger Professorship of Public Affairs in Journalism. Earlier this year, the officers and trustees of The Kiplinger Foundation, Inc., announced their decision to increase over a period of time the funding in this endowment account to a minimum level of $500,000.

Therefore, in consideration of this commitment by The Kiplinger Foundation, Inc., for an additional $300,000, President Fawcett recommended that the above-identified Professorship be redesignated the Willard M. Kiplinger Chair in Public Affairs Reporting.

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the Board of Trustees by unanimous voice vote approved the establishment of the Willard M. Kiplinger Chair in Public Affairs Reporting.

II. PERSONNEL CHANGES

Personnel changes since the May 5, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignations; Promotions; Leaves of Absence Without Salary; Emeritus Titles; Chairmen of Departments, Academic Faculties, and Divisions; and Directors of Schools:

A. Resignations

President Fawcett expressed regret as he reported to the Board the recent resignation of three key administrators.

Bernard J. Lachner has resigned his position as Vice President for Administrative Operations to accept a position as President of the Evanston Hospital Association, Evanston, Illinois.

Leslie E. McDonald has resigned his position as Dean of the College of Veterinary Medicine to return to a position at the University of Georgia.

John A. Prior has resigned his position as Dean of the College of Medicine to return to full-time teaching and research in the Department of Medicine.

All three resignations are effective June 30, 1972.
June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

President Fawcett recommended the appointments of the following two Acting Deans to enable the University to follow the established procedures in selecting replacements for Dean McDonald and Dean Prior.

Robert J. Atwell from Director of the School of Allied Medical Professions and Professor in the Department of Medicine to Acting Dean of the College of Medicine and Professor in the Department of Medicine, effective July 1, 1972, at a salary of $35,088.00 per annum.

C. Roger Smith from Chairman and Professor in the Department of Veterinary Physiology and Pharmacology to Acting Dean of the College of Veterinary Medicine and Professor in the Department of Veterinary Physiology and Pharmacology, effective July 1, 1972, at a salary of $31,212.00 per annum.

President Fawcett said he hoped to be able to recommend to the Board for consideration at an early date the appointment of a person as Acting Vice President for Administrative Operations.

President Fawcett then recommended the following promotion:

Ronald L. St. Pierre from Associate Professor in the Department of Anatomy to Associate Professor and Chairman of the Department of Anatomy, effective July 1, 1972, at a salary of $24,048.00 per annum.

C. Leaves of Absence Without Salary

Walter B. Emery, Professor, Department of Speech Communication, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Massachusetts.

Felix P. Kollaritsch, Professor, College of Administrative Science - Academic Faculty of Accounting, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Florida.

Joan M. Webber, Professor, Department of English, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Washington.

Nancy E. Robinson, Instructor, Cooperative Extension Service, effective July 1, 1972 through June 30, 1973, to continue her program of professional improvement at the University of Maryland.
June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Darnell Williams, Instructor, Department of English, effective October 1, 1972 through September 30, 1973, to complete his Ph.D. degree.

D. Emeritus Titles

Agnes M. Gordon, Academic Faculty of Accounting, with the title Professor Emeritus, effective July 1, 1972.

Lyle S. Pettit, College of Dentistry, with the title Professor Emeritus, effective July 1, 1972.

Everett C. Shimp, School of Social Work, with the title Professor Emeritus, effective July 1, 1972.

Earl P. Carter, Marion Regional Campus, with the title Assistant Professor Emeritus, effective July 1, 1972.

Elizabeth Brown, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Home Economics), effective June 1, 1972.

E. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools

Appointment of the following persons to four-year terms as Department Chairmen and Directors of Schools, effective July 1, 1972 through June 30, 1976, unless otherwise indicated:

Aeronautical and Astronautical Engineering
Anesthesiology
Biochemistry
Biophysics
Classics
Computer and Information Science
Dairy Science
Engineering Graphics
Genetics
Geodetic Science
Mechanical Engineering
Metallurgical Engineering
Music, School of
Pediatrics
Pharmacology
Philosophy
Physiology
Romance Languages and Literatures
Surgery

--

* Term July 1, 1972 through June 30, 1974.
II. PERSONNEL CHANGES (continued)

E. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools (continued)

Appointment of the following persons to four-year terms as Department Chairmen, effective October 1, 1972 through September 30, 1976:

- Chemical Engineering: Aldrich Syverson
- Speech Communication: Keith Brooks

Appointment of the following persons to four-year terms as Chairmen of Academic Faculties, effective July 1, 1972 through June 30, 1976, unless otherwise indicated:

- Curriculum and Foundation: Jack Frymier
- Exceptional Children: Thomas Stephens
- Humanities Education: Robert Jewett
- Industrial Technology: Donald Lux
- Science and Math Education: Robert Howe
- Vocational and Technical Education: Robert Reese*

Appointment of the following persons to one-year terms as Chairmen of Divisions, effective July 1, 1972 through June 30, 1973:

- Art: Francis Ruzicka
- Art Education: Kenneth Marantz
- Comparative Literature and Languages: Wayne Lawson
- Dance: Helen P. Alkire
- Design: Charles Wallschaeger
- History of Art: Franklin Ludden
- Public Administration: Clinton V. Oster


President Fawcett recommended that the foregoing Resignations, Promotions, Leaves of Absence Without Salary, Emeritus Titles, Appointment of Chairmen of Departments, Academic Faculties, and Divisions, and Directors of Schools, Promotions in Academic Rank, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

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

SUMMARY

(April 13, 1972 - May 12, 1972)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>4</td>
<td>$432,392.00</td>
</tr>
<tr>
<td>Industrial and Other Research</td>
<td>2</td>
<td>$16,900.00</td>
</tr>
<tr>
<td>Grants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
<td>30</td>
<td>$1,150,558.00</td>
</tr>
<tr>
<td>Government Research - State</td>
<td>2</td>
<td>$278,803.00</td>
</tr>
<tr>
<td>Totals</td>
<td>38</td>
<td>$1,878,658.00</td>
</tr>
</tbody>
</table>

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
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


   b. Department of State, Agency for International Development, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDCs (to be known as Project No. 2871 - Amend. #6 - Department of Agricultural Economics and Rural Sociology). Gross Value - $280,000.00.


   TOTAL - Government Research Contracts - Federal $432,392.00

2. Industrial and Other Research Contracts

   a. Steel Founders' Society of America, Westview Towers, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-C - New - Department of Metallurgical Engineering). Gross Value - $6,000.00.


   TOTAL - Industrial and Other Research Contracts - $16,900.00
June 2, 1972 meeting, Board of Trustees

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

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


      Service, National Institutes of Health, National Cancer Insti-
      tute, Bethesda, Maryland, Anabolic Control in Normal and
      Neoplastic Tissues (to be known as Project No. 1571-H - Ext.
      #8 - Department of Biochemistry).
      Gross Value - $34,157.00.

      Service, National Institutes of Health, National Heart and Lung
      Institute, Bethesda, Maryland, Blood PO2 - Artery O2 Relation-
      ship and Atherosclerosis (to be known as Project No. 1800-H -
      Ext. #8 - Department of Physiology).
      Gross Value - $15,580.00.

      Service, Food and Drug Administration, Rockville, Maryland,
      Hydrophilic Colloid Interactions in Foods (to be known as Proj-
      ect No. 2037-G - Ext. #7 - Department of Food Science and
      Nutrition).
      Gross Value - $22,615.00.

   d. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain
      Tumors (to be known as Project No. 2069-G - Ext. #7 - Depart-
      ment of Medicine).
      Gross Value - $37,406.00.

   e. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Heart and Lung
      Institute, Bethesda, Maryland, Structural Investigations on
      Glycosaminoglycans (to be known as Project No. 2516-E - Ext.
      #5 - Department of Chemistry).
      Gross Value - $37,504.00.

   f. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Heart and Lung
      Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accre-
      tion in Atheromatosis (to be known as Project No. 2642-B - Ext.
      #3 - Department of Pathology).
      Gross Value - $32,958.00.
June 2, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   Gross Value - $20,000.00.

   Gross Value - $882.00.

   i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-C - Ext. #3 - Department of Chemistry).
   Gross Value - $36,509.00.

   Gross Value - $40,000.00.

   k. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Individual Differences in Psychogenic Responses (to be known as Project No. 3024-A3 - Ext. #2 - Department of Psychiatry).
   Gross Value - $41,986.00.

   l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stereochemical Studies of Adrenergic Drugs (to be known as Project No. 3034-A3 - Ext. #2 - College of Pharmacy).
   Gross Value - $9,302.00.
June 2, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosematosis (to be known as Project No. 3042-A3 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - $29,266.00.

Gross Value - $5,700.00.

o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Sciences Support Grant (to be known as Project No. 3053-A3 - Ext. #2 - Graduate School).
Gross Value - $61,516.00.

Gross Value - $276,464.00.

q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, The Leadership Role of the Nurse (to be known as Project No. 3204-A2 - Ext. #1 - School of Nursing).
Gross Value - $37,621.00.

r. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - Sup. #1 - Department of Geodetic Science).
Gross Value - $15,000.00.

s. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - Amend. #1 - Institute of Polar Studies).
Gross Value - $2,700.00.
June 2, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

   t. Department of Health, Education and Welfare, Public Health
      Service, National Institutes of Health, National Heart and Lung
      Institute, Bethesda, Maryland, Aortic Function (to be known as
      Project No. 3236-A2 - Ext. #1 - Department of Physiology).
      Gross Value - $24,228.00.

   u. National Science Foundation, Washington, D. C., Early German
      Medical and Chemical Works (to be known as Project No. 3241-A1 -
      Amend. #1 - Departments of German and Chemistry).
      Gross Value - $5,300.00.

   v. Department of Health, Education and Welfare, Social Security
      Administration, Baltimore, Maryland, Disability in the
      United States (to be known as Project No. 3246-A2 - Ext. #1 - College
      of Law).
      Gross Value - $56,258.00.

   w. Department of Army, U. S. Army Research Office - Durham,
      Duke Station, Durham, North Carolina, Early Stages of Phase
      Transformation (to be known as Project No. 3420-A1 - New -
      Department of Metallurgical Engineering).
      Gross Value - $26,998.00.

   x. National Science Foundation, Washington, D. C., Conformational
      Studies Using Nuclear Magnetic Resonance (to be known as Project
      No. 3440-A1 - New - Department of Chemistry).
      Gross Value - $34,100.00.

   y. Department of Health, Education and Welfare, Social and Rehabili-
      tation Service, Office of Research and Demonstrations, Washington,
      D. C., Service Organizations and Clients (to be known as Project
      No. 3441-A1 - New - Office of Academic Affairs, Mershon Center
      for Education in National Security).
      Gross Value - $77,608.00.

   z. National Science Foundation, Washington, D. C., Conformational
      Analysis of Cyclic and Acyclic Sugars and Their Derivatives (to
      be known as Project No. 3443-A1 - New - Department of Chemistry).
      Gross Value - $35,000.00.

   aa. National Science Foundation, Washington, D. C., Interpretations of
       Marcomolecular Interactions (to be known as Project No. 3445-A1 -
       New - Department of Biochemistry).
       Gross Value - $40,000.00.
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)

   bb. National Science Foundation, Washington, D. C., Operator Ergodic
       Theory (to be known as Project No. 3447-A1 - New - Department of
       Mathematics).
       Gross Value - $19,000.00.

   cc. National Science Foundation, Washington, D. C., Wave Propagation
       in Heterogeneous Materials (to be known as Project No. 3448-A1 -
       New - Department of Physics).
       Gross Value - $32,800.00.

   dd. National Science Foundation, Washington, D. C., Environmental
       Influences on Stability of Soil Masses (to be known as Project No.
       3449-A1 - New - Department of Civil Engineering).
       Gross Value - $42,100.00.

   TOTAL - Government Research Grants - Federal $1,150,558.00

4. Government Research Grants - State

   a. State of Ohio, Department of Health, Columbus, Ohio, Newborn
      Care - Special Project (to be known as Project No. 2052-F1 -
      New - Department of Pediatrics).
      Gross Value - $10,452.00.

   b. State of Ohio, Ohio Industrial Relations Department, Columbus,
      Ohio, To Study, Evaluate and Develop a State of Ohio Plan for
      Occupational Safety and Health Act (1970) (to be known as Project
      No. 3439-A1 - New - College of Administrative Science, Division
      of Continuing Education).
      Gross Value - $268,356.00.

   TOTAL - Government Research Grants - State $278,808.00
June 2, 1972 meeting, Board of Trustees

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

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

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Research Contract</td>
<td>$21,240.00</td>
</tr>
</tbody>
</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. **Government Research Contract**

   **EES 411X** Field Evaluation of Sand-Drain Construction, Ohio Department of Highways, Columbus, Ohio. Gross Value - $21,240.00,
June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: April, 1972)

Grants
Office of Finance and Treasurer $1,084,295.00

Gifts
The Ohio State University Development Fund

<table>
<thead>
<tr>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>$62,628.17</td>
</tr>
<tr>
<td>Individuals Other than Alumni</td>
<td>264</td>
</tr>
<tr>
<td>Business Concerns</td>
<td>16</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>35</td>
</tr>
<tr>
<td>Totals</td>
<td>$167,333.78</td>
</tr>
</tbody>
</table>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of a named fund and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the acceptance of the grants and gifts and the establishment of the named fund was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer


2. $133,004.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, to the University for support of the Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through August 31, 1972. (Grant No. 5 G03 RM 00022-02A4)

3. $83,106.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Otolaryngology and Audiology - Training Grant, under the direction of the Department of Otolaryngology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 NS05397-10)

4. $28,385.00 granted by The University of Tennessee, Knoxville, Tennessee, to the University for support of Dr. Ralph J. Woodin, Professor, Department of Agricultural Education, The Ohio State University, to serve as Professor and Interim Department Head, Department of Vocational-Technical Education at The University of Tennessee, for the period July 1, 1972 through June 30, 1973.

5. $26,802.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Special Purpose Traineeship Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 A04 AH00022-04)

6. $25,226.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Electropharmacological Control of Cardiac Function - Development Award-Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 HL11929-09)

7. $19,925.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Occupational Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00204-01)
June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. $18,902.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Medical Technology, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00203-01)

9. $18,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Physical Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00205-01)

10. $17,750.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Physical Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00202-01)

11. $12,171.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Occupational Health - Training Grant, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 TO1 OH00018-10)

12. $11,792.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D.C., to the University for support of a Graduate Educational Research Training Program, under the direction of the Department of Sociology, for the period September 1, 1972 through August 31, 1973. (Grant No. OEG-0-71-3532)

13. $9,771.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of General Preventive Medicine - Residency Traineeship, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 A08 AH00080-03)

14. $7,938.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of a Workshop on Adaptive Behavior, under the direction of the Nisonger Center, for the period May 1, 1972 through June 30, 1972. (Grant No. 55-P-25269/5-01)
June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

15. $2,855.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of a Seminar on Data Collection and Analysis, VR/PA - Rehabilitation S/T Training, under the direction of the School of Social Work, for the period April 27, 1972 through July 27, 1972. (Grant No. 44-P-25272/5-01)

16. $1,883.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medical Student Apprenticeship Training - Training Grant, under the direction of the Department of Preventive Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 A07 AM00209-05)

17. $1,250.00 granted by the State of Ohio, Department of Urban Affairs, Human Resources Division, Columbus, Ohio, to the University for a training program for approximately 50 Ohio City Managers, under the direction of the College of Administrative Science, for the period May 24, 1972 through May 26, 1972.

B. The Ohio State University Development Fund

1. $15,000.00 from Foundation for Endowment of a Chair to fund the Meshulam Riklis Chair in Business and its Environment.

2. $10,000.00 from Buick Motor Division of General Motors, Flint, Michigan, to support a study under the direction of Professors T. H. Rockwell and W. T. Morris of the Department of Industrial Engineering and entitled "The Feasibility of a Relative Braking Distance Aid in Driving."

3. $8,400.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

4. $7,500.00 from National/Ohio 4-H Foundation Campaign for its fund.

5. $5,872.61 from Ohio Tuberculosis and Respiratory Disease Association, Columbus, Ohio, for research in pulmonary and respiratory care.

6. $5,650.00 from C. D. Searle and Company, Chicago, Illinois, for gastrointestinal cancer research.

7. $5,000.00 from Robert H. Fergus, Dublin, Ohio, to establish an Aviation Loan Fund.
C. Establishment of New Fund from Previously Reported Gift

The Norman W. Woelfel Memorial Cancer Research Fund was established April 7, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Florence C. Woelfel (Mrs. Norman W. Woelfel), Columbus, Ohio, in memory of her late husband, Norman W. Woelfel, of Columbus, Ohio.

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

The annual income is to be used for cancer research in the College of Veterinary Medicine.

Should the need for this research cease to exist or so diminish as to provide unused income, or should the College of Veterinary Medicine cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for veterinary medical education and research.

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Sisson Hall - Remodeling for Offices and Laboratories

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$66,935.00</td>
<td>$68,169.00</td>
<td>$1,234.00</td>
</tr>
</tbody>
</table>

Revisions were made to allow greater flexibility in the piping system.

Funds for this project have been provided from Budget Account 801212 (Sisson Hall Remodeling).

Upon motion of Mr. Saflord, seconded by Mr. Hilliker, the above extra and credit order to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.
June 2, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Goss Laboratory, Partial Remodeling

This project involves the complete renovation of existing office and laboratory space. Remodeling is to be accomplished in two phases, so there will be no interruption of teaching and research obligations and activities.

Funds for this project will be provided from Budget Account 801183 (Goss Laboratory Remodeling) and a Federal Grant. The complete approval of this project will be contingent upon receipt of this Grant.

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

B. Stillman Hall Improvements

Revisions to second floor and basement for faculty offices and seminar areas and appropriate electrical system changes are necessary.

Funds for this project will be provided from Budget Account 801260 (Stillman Hall Improvements) and House Bill 531, Item 315-074 and House Bill 988, Item 315-074.

C. Undergraduate Library and Service Center (Joseph Sullivant Hall) - Roof and Parapet Wall Repairs

This project provides a new roof for the existing one which is badly deteriorated.

Funds for this project will be provided from Budget Account 801095 (Federal recoveries from various projects set aside for the Undergraduate Library).

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

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

### A. Airport Development - 1971

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Contract</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3 bids received 5-5-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. G. Danis Company (Dayton)</td>
<td>$606,461.38</td>
<td>$1,039,146.00</td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. G-1 Hard Stand Phase 1</td>
<td>+ 86,095.31</td>
<td>+ 116,285.00</td>
</tr>
<tr>
<td>Alt. G-2 Hard Stand Phase 2</td>
<td>+ 51,701.80</td>
<td>+ 71,557.00</td>
</tr>
<tr>
<td>Alt. G-3 Ramp Between Fire Station and ODA Hangar</td>
<td>+ 35,074.74</td>
<td>+ 42,884.00</td>
</tr>
<tr>
<td>Alt. G-4 Fence Phase 1</td>
<td>+ 30,357.28</td>
<td>+ 47,884.00</td>
</tr>
<tr>
<td>Alt. G-5 Fence Phase 2</td>
<td>+ 26,103.20</td>
<td>+ 41,095.00</td>
</tr>
<tr>
<td>Alt. G-6 Overlayment of Taxiway</td>
<td>+ 12,855.30</td>
<td>+ 17,610.00</td>
</tr>
<tr>
<td><strong>Total Contract</strong></td>
<td>$848,649.01</td>
<td>$1,376,461.00</td>
</tr>
</tbody>
</table>

| **Electrical Contract**                          |               |               |
| (5 bids received 5-5-72)                         |               |               |
| Jess Howard Electric Co. (Columbus)              | $ 75,903.78   | $ 115,655.00  |
| Base bid                                         |               |               |
| Alt. A-1 Visual Approach VASI-4                  | + 17,772.00   | + 20,000.00   |
| Alt. A-2 Visual Approach VASI-2                  | + 13,189.00   | + 10,000.00   |
| Alt. A-3 Lights for Existing Runway              | + 8,700.43    | + 12,753.00   |
| Alt. A-4 Emergency Generator Switch              | + 2,374.00    | + 2,700.00    |
| Alt. A-5 Phase 1 Lighting                        | + 2,766.00    | + 2,150.00    |
| Alt. A-6 Phase 2 Lighting                        | + 741.00      | + 350.00      |
| Alt. A-7 Remove Existing Lights                  | + 93.50       | + 225.00      |
| **Total Contract**                               | $121,539.71   | $163,793.00   |
| **Total All Contracts**                          | $970,188.72   | $1,540,254.00 |

Funds for this project have been provided from Budget Account 801249 (Airport Development - 1971 - Federal Grant No. 8-39-0027-01, Federal Aviation Administration Federal Aid Program Airport Development).
June 2, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Biological Sciences Building, Air Condition Rooms 116, 120, 127 & 129

<table>
<thead>
<tr>
<th>Heating, Ventilating, and Air Conditioning Contract</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. A. Guy, Inc. (Dublin)</td>
<td>$15,300.00</td>
<td>$18,064.00</td>
</tr>
</tbody>
</table>

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

VIII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplished the following purpose:

11. Approved the purchase of property described as being 63.157± acres, in Perry Township, Franklin County, from the Board of Trustees of The Ohio State University at a cost of $238,618.00.

IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Ralph M. Patterson, Professor Emeritus in the Department of Psychiatry; Alice Pressey, Associate Professor Emeritus in the School of Home Economics; and Robert Frederick Miller, Associate Professor in the Department of Industrial Engineering. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Ralph M. Patterson, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 4, 1972, of Ralph M. Patterson, Professor Emeritus in the Department of Psychiatry.

Under Ralph Patterson's Chairmanship, the Department of Psychiatry came a very long way at The Ohio State University, College of Medicine. When he came to the University in 1951 from the University of Michigan, he became the first Chairman of the Department of Psychiatry. Under his leadership the clinical clerkship in psychiatry expanded from a total...
IX. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph M. Patterson, M.D. (continued)

of two half-days to a full-time rotation of two months, equal to that of any other major specialty. From a start without any inpatient beds at all, psychiatry catapulted to 125 beds. The outpatient clinic which had met one half-day a week, blossomed into a large, full-time operation. The new Department found modern housing in a separate, specially-equipped building where Dr. Patterson managed to assemble an excellent multi-disciplinary team. When he started here, there were no residents in psychiatry at Ohio State. By 1965 when he relinquished the Chairmanship, some twenty residents were currently in training. The faculty likewise grew to impressive proportions. Beginning in 1951 with no full-time faculty, the Department by 1965 had reached twenty-two psychiatrists in clinical work—eleven of them full-time—and in addition, there were eleven more full-time faculty primarily devoted to research. At the time of Dr. Patterson’s retirement in 1971, the alumni and faculty organization of the Department had roughly 150 members, all of whom—residents or faculty—had worked with Dr. Patterson during the twenty years of his tenure. It isn’t easy, even for the initiated, to imagine the strenuous effort needed to accomplish what these bare statistics only imply.

Just one year ago, some 250 people were assembled to honor the retiring Professor. At a day devoted to scientific presentation, nineteen papers were gathered in a Festschrift, which is now in print. This was the last fruition of a research division which Dr. Patterson had founded and fostered and which had achieved world-wide renown. The astonishing number of 750 scientific publications had resulted from the work of this group of researchers during a 12-year span. The whole range of basic disciplines relevant to psychiatry were represented, true to Dr. Patterson’s open-minded eclecticism: the anatomical substrates of the mind, the biochemical correlates of behavior, neuropathology, much clinical psychiatric work, psychological studies, and sociological application all were pursued here under Dr. Patterson’s aegis.

Dr. Patterson himself co-authored a textbook on eclectic psychiatry through which his influence reached far beyond the confines of central Ohio. He was also active in state-wide, national and international scientific organizations, reaching positions of honor and distinction.

In Dr. Patterson there culminated a rare family tradition that had started with his grandfather who had been a practicing physician in Franklin County and continued with his father, a graduate of the old Starling-Loving Medical College. The loss of this Professor Emeritus leaves a gap in the ranks of the University community, and of the medical profession especially. But he himself saw to it that it would not be disruptive to the work to which he was devoted so sincerely. The Department of Psychiatry, its alumni and faculty are a living and growing testimonial to Ralph Patterson, the founding father of psychiatry at The Ohio State University.
A. Ralph M. Patterson, M.D. (continued)

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

B. Alice Pressey

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 5, 1972, of Alice D. Pressey, Associate Professor Emeritus, School of Home Economics.

Mrs. Pressey was born in Cincinnati, Ohio, December 2, 1890. She received her B.Sc. and M.Sc. degrees from Columbia University in 1913 and 1924 respectively. Mrs. Pressey taught high school home economics in Columbus and Dayton for 6 years. In 1919 she joined the staff of the School of Home Economics as an Instructor, rose to the rank of Assistant Professor in 1924, and became Associate Professor in 1945. From 1926 until her retirement in 1952 Mrs. Pressey was Head of the Home Economics Education Department. She pioneered in the teaching and supervision of home economics student teachers.

Mrs. Pressey was a life member of Phi Lambda Theta and a 50 year member of Kappa Delta. She was active in the American Vocational Association, the Ohio Home Economics Association, and the American Home Economics Association.

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

C. Robert Frederick Miller

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 16, 1972, of Robert Frederick Miller, Associate Professor in the Department of Industrial Engineering.

Dr. Miller was born in Continental, Ohio, on August 16, 1929. He received the Bachelor of Industrial Engineering degree from The Ohio State University in 1952. He worked for Kimble Glass Company in Columbus following his graduation and subsequently served as an officer in the United States Navy for two years. Upon his discharge, he undertook graduate work at this University, earning the Master of Science degree in 1957 and the Doctor of Philosophy degree in 1961.
June 2, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Robert Frederick Miller (continued)

While in graduate school he served as an instructor and continued subsequently as a faculty member, attaining the rank of Associate Professor in 1965. His service to the University also included a period of three years as Assistant Dean and Secretary of the Graduate School.

Dr. Miller's teaching and research were in the areas of plant design and organization theory. He taught a key design course for senior students and introduced the course in organization theory which was taken by many graduate students. He served as a consultant in these fields to a number of Ohio companies. In addition, he devoted his talents to the improvement of the operation of the University, undertaking a variety of projects under the direction of the Vice President for Business and Finance.

Dr. Miller contributed to the work of many department and college committees and was asked by the President to chair a special study of course fees throughout the University in 1969. He was an active member of a large number of professional societies, taking a particular interest in the American Institute of Industrial Engineers and the Operations Research Society of America.

His particular skill combined an unusual ease with both highly abstract theory and real systems design problems. His work was characterized by a depth of exploration and a curiosity which served as a very high standard for the students who worked with him. His professional career won him wide respect both in industry and in the academic world.

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

X. REPORTS

A. President Fawcett Reported Concerning Carroll County Agricultural Agent

At the last meeting, I was requested to review this University's recent decision concerning the termination of Mr. Z. L. Newsome as County Extension Agent in Carroll County. I can report to you that Director Kottman and Associate Director Orlo Musgrave recently held a meeting with several factions in Carroll County represented. After a full airing of the matter of the termination of Mr. Newsome as County Agent, it was agreed that this University would provide Mr. Newsome with a terminal contract for one year in order to enable him to secure other employment. This solution would appear to be agreeable to all parties concerned.
June 2, 1972 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Sale of Land (63.157 Acres, Board of Trustees Lands East and West of Don Scott Field) to the State of Ohio

Mr. Safford presented the following recommendation:

At the request of this University and with the full concurrence of the Office of the Board of Regents, the Controlling Board of the State of Ohio on May 15, 1972, authorized the purchase of 63.157 acres by the State of Ohio for the sum of $238,618 from the capital appropriation provided for the development of University Livestock Facilities authorized in House Bill 988 of the 108th General Assembly. The titles for this land, including a 42.817 acre parcel located on Case and Sawmill Roads and a 20.340 acre parcel located on Godown Road, are presently held in the Investment Portfolio of this Board.

Authority is requested for the President and/or Vice President for Administrative Operations to prepare the necessary legal documents and to execute the transfer of titles to these properties from the Investment Portfolio to the State of Ohio for use by this University upon payment of the above-mentioned price and that these funds be deposited in the Investment Portfolio.

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

C. Report on the University's Investment Portfolio

The report dated June 2, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

XI. RENAMING OF CENTER FOR TOMORROW

Chairman Eckley reported that Dick Mall had written to him on May 25 concerning an action which The Ohio State University Association had taken. Mr. Eckley quoted from the letter--

Therefore, the Alumni Advisory Board and the Board of Directors of The Ohio State University Association jointly and together respectfully petition the Board of Trustees to authorize the designation and naming of this building (this building being the one we are in today) as The Fawcett Center for Tomorrow and thus provide an enduring tribute to Novice G. Fawcett.
June 2, 1972 meeting, Board of Trustees

XI. RENAMING OF CENTER FOR TOMORROW (continued)

Mr. Shocknessy presented the following recommendation:

It would be a most fitting tribute to Novice G. Fawcett, in recognition of his more than sixteen years of distinguished and dedicated service as the eighth president of this University, to name in his honor the educational facility on this campus which best exemplifies his vision and dedication to the broadest concepts of education. While during his tenure as president, and largely through his leadership, The Ohio State University has invested over $275 million in enlarging its physical facilities, there is one facility which exists solely because of President Fawcett's vision. He conceived its need; was personally involved in its development; and gave the leadership to the recruitment of the necessary financial resources for its construction. A facility dedicated to making all of the educational resources of this University available to the people of the state, the nation, and the world, thus it is a fitting tribute to rename it "The Novice G. Fawcett Center for Tomorrow." And it is now my pleasure to recommend this action.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

President Fawcett responded as follows:

I have tried to analyze my feelings about this matter when the announcement was made at the Sunset Supper where I was completely taken back by one of the greatest surprises I have ever experienced in my life. I have been in education a long time and I have been involved in the construction of literally hundreds of buildings for educational programs. I must say, however, that I fell into a rather interesting trap in some of my responses to comments that evening at the Sunset Supper. Someone mentioned this building on that occasion and I remember saying that of all the buildings with which I had been involved this one came the closest in expressing my own personal philosophy. Then suddenly I heard a resolution read concerning the renaming of this facility which was somewhat embarrassing. I do sincerely feel very humble and I can assure you that you could not have chosen anything that would have touched me as deeply. I am very grateful to you gentlemen for violating your own rule in taking this action and, as long as I live and maybe a while after, there will be a little recollection on the part of others concerning what you have done this afternoon.
June 2, 1972 meeting, Board of Trustees

XII. SALE OF PRESIDENT'S HOUSEHOLD FURNISHINGS

Mr. Safford presented the following recommendation:

I wish to propose that President Fawcett be authorized to purchase, at his own expense, certain household furnishings which are presently in the President's House, at a price established by averaging the individual appraisal made by three fully qualified independent appraisers.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

XIII. COMMITTEE APPOINTMENTS FOR 1972-1973

Mr. Eckley announced the following appointments to the various Committees and Boards for the 1972-1973 academic year:

Finance and Investment Committee

William C. Safford, Chairman
Don M. Hilliker, Vice Chairman
John H. Dunlap
M. Merle Harrod

Retirement and Insurance Committee

John L. Gushman, Chairman
Robert S. Dorsey, Vice Chairman
Howard D. Sirak

Development Fund Board of Directors (one-year term)

Robert S. Dorsey
Howard D. Sirak

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

John H. Dunlap

Association of Governing Boards of Universities and Colleges

James W. Shocknessy

Inter-University Council

James W. Shocknessy
June 2, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 7, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman
APPENDIX XI

FEDERAL AVIATION AGENCY

Grant Agreement
FEDERAL AVIATION AGENCY

GRANT AGREEMENT

Part 1-Offer

Date of Offer 17 MAY 1972

Ohio State University

Project No. 8-39-0027-01

Contract No. DOT-FA-72-GL 6722

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

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

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated 14 April 1972, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

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

- Land reimbursement including clear zone (309 acres); construct, mark and light NE-SW taxiway (1400' X 50'), taxiway between R/W 27R approach end and north operational area (600' X 50'), connecting parallel taxiway to R/W 9R extension (1650' X 50') and taxiway connecting R/W 9L and 9R (2250' X 50'); construct 27R holding apron (approx. 945 SY), 9R holding apron (approx. 2695 SY), 9L holding apron (approx. 945 SY), itinerant parking apron (approx. 4000 SY and 6200 SY), and 27L holding apron (approx. 2695 SY); light existing R/W 5-23 as taxiway (2200'); construct, mark and light (HIRL) R/W 9L-27R (3000' X 100') including construction of 140' extension to R/W 14-32; construct, mark and light (HiREL) extension to west end of R/W 9R-27L (600' X 100'); light (HiREL) R/W 14-32 (3000'); overlay T/W D (666' X 50') and taxiway between R/W 27L and edge of Fire Building apron (3250' X 50'); construct and floodlight apron east of tee hangars (approx. 24,000 l.f.); install perimeter fence (approx. 23,000 l.f.); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R.

all as more particularly described in the property map and plans and specifications incorporated in the said Project Application;

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Federal Airport Act, as amended (49 U.S.C. 1101), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Project Application, and its acceptance of this Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION AGENCY, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 50 per centum of all such costs.

625
This Offer is made on and subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be $1,279,332.

2. The Sponsor shall:

   (a) begin accomplishment of the Project within ninety days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;

   (b) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";

   (c) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.

3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41 (b) of the Regulations.

4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57-151.63 of the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: Provided, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.

5. The Sponsor shall operate and maintain the airport as provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.

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

7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before or such subsequent date as may be prescribed in writing by the FAA.

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

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

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

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

d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

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

f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rules, regulations, or order of the Secretary of Labor, or as otherwise provided by law.
g. The contractor will include the portion of the sentence immediately preceding paragraph a. and the provisions of paragraph a. through g. in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

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

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

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

9. The Sponsor hereby covenants and agrees that its financial records of the project, established, maintained and made available to personnel of the FAA in conformity to Section 151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) will also be available to representatives of the Comptroller General of the United States.
10. By its acceptance hereof, the Sponsor hereby covenants that to the extent it has or may have either present or future control over each area identified on the Exhibit "A" as "clear zone", and unless exceptions or deviations from the following obligations have been granted to the Sponsor in writing by the FAA, it will clear said area or areas of any existing structure or any natural growth which constitutes an obstruction to air navigation with the standards established by Section 77.23 as applied to Section 77.25, Part 77, of the Federal Aviation Regulations; and the Sponsor further covenants that it will control the subsequent erection of structures and control natural growth to the extent necessary to prevent the creation of obstructions within said standards.

11. It is understood and agreed that the reference in Paragraph 7, Part III, Sponsor's Assurances of the Project Application to "Section 77.23 as applied to Section 77.27" is hereby revised to refer to "Section 77.23 as applied to Section 77.25."

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

13. It is understood and agreed that the terms "Federal Aviation Agency" or "Federal Airport Act", wherever they appear in this agreement, in the Project Application, plans and specifications, or in any other document constituting a part of this agreement, shall be deemed to mean "Federal Aviation Administration" or the "Airport and Airway Development Act of 1970", as the case may be.

14. The Sponsor agrees that it will maintain a fee and rental structure for the facilities and services being provided the airport users which will make the airport as self-sustaining as possible under the circumstances existing at that particular airport, taking into account such factors as the volume of traffic and economy of collection.

15. It is also understood and agreed that Paragraph 2, Part III, of the Project Application is revised to read as follows:

The Sponsor will operate the airport as such for the use and benefit of the public. In furtherance of this covenant (but without limiting its general applicability and effect), the Sponsor specifically agrees that it will keep the airport open to all types, kinds, and classes of aeronautical use on fair and reasonable terms without discrimination between such types, kinds, and classes; provided, that the Sponsor may establish such fair, equal, and not unjustly discriminatory conditions to be met by all users of the airport; and provided further, that the Sponsor may prohibit or limit any given type, kind, or class of aeronautical use of the airport if such action is necessary.
a. For safe and efficient use of the airport,

b. To keep operation activities within acceptable noise levels, or

c. To serve the civil aviation needs of the public.

16. It is understood and agreed that subparagraphs a. and b. of Paragraph 3 of Part III - Sponsor's Assurances of the Project Application - are amended and revised to delete the words "or hereafter" wherever they appear therein. It is the intent of this amendment to limit the application of the exclusive rights policy only to airports now owned or controlled by the Sponsor.

17. It is understood and agreed that Paragraph 10, Part III, of the Project Application is revised to read as follows:

The Sponsor will furnish the FAA with such annual or special airport financial and operational reports as may be reasonably requested. Such reports may be submitted on forms furnished by the FAA, or may be submitted in such manner as the Sponsor elects as long as the essential data is furnished. The airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations, and other instruments will be made available for inspection and audit by the FAA and the Comptroller General of the United States, or his duly authorized representative upon reasonable request. The Sponsor will furnish to the FAA or the General Accounting Office a true copy of any such documents.

18. The Federal Government does not now plan or contemplate the construction of any structures pursuant to Paragraph 9 of Part III - Sponsor's Assurances of the Project Application dated 14 April 1972, and therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement. However, nothing contained herein shall be construed as altering or changing the rights of the United States and/or the obligations of the Sponsor under prior Grant Agreements to furnish rent-free space for the activities specified in such agreements.

19. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcels A, B, C, D and E, as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of fee title free and clear of all encumbrances deemed objectionable by the Federal Aviation Administration, or lesser property interests satisfactory to the Federal Aviation Administration.

20. It is understood and agreed that FAA approval of the project included in this agreement is conditioned on the sponsor's compliance with applicable air and water quality standards in accomplishing project construction and in operating the airport; further, that failure to so comply may result in suspension, cancellation or termination of Federal assistance under this agreement.
21. a. The parties hereto recognize that a continuing need exists for parking space for Government owned and controlled automotive equipment used or assigned for use in serving FAA facilities and equipment on or in the vicinity of the airport. It is agreed by the parties hereto that the Sponsor will continue to provide without charge, designated parking space as now exists in reasonable proximity to FAA operations for such automotive equipment and that no change or modifications will be made in such designation without the consent of the parties thereto or their designated representative.

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

22. It is understood and agreed that the Sponsor will operate the lighting system under the existing True Light Certificate.

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

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

By: [Signature]
(TITLE)
Chief, Airports District Office
Part II-Acceptance Cleveland, Ohio
The [text continues]
UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

PROJECT APPLICATION
(For Federal Aid for Development of Public Airports)

Part I—PROJECT INFORMATION

The Board of Trustees of The Ohio State University (herein called the "Sponsor") hereby makes application to the Federal Aviation Administration (hereinafter called the "FAA"), for a grant of Federal funds pursuant to the Federal Airport Act and the Regulations issued thereunder, for the purpose of aiding in financing a project (herein called the "Project") for development of the Ohio State University Airport (herein called the "Airport") located in The City of Columbus, State of Ohio.

It is proposed that the Project consist of the following-described airport development:

Land reimbursement for Airport Development and Clear Zones (309 Ac.); construct, mark and light NE/SW taxiway (1400'x50') and construct 27R holding apron (800 SY); construct, mark and light taxiway (600'x50') between R/W 27R approach end and the north operational area; light existing R/W 5-23 as taxiway (MTL 2200'); construct, mark and light (MIRL) I/W 9L-27R (3000'x100') including construction of 140' extension to R/W 14-32; construct, mark and light (MIRL) extension to west end of R/W 9R-27L (600'x100'); construct, mark and light connecting parallel taxiway (1650'x50') and construct 9R holding apron (2000 SY); construct, mark and light taxiway (2250'x50') connecting R/W 9L and 9R and construct 9L holding apron (800 SY); construct itinerant parking apron between fire building and Division of Aviation hangar (4000 SY) and west of main hangars (6200 SY); construct based aircraft apron east of tee-hangars (24,000 SY) and stub taxiway (75'x50'); install MIRL I/W 14-32 (3000'); overlay taxiway between R/W 72L and east edge of fire building apron (2300'x50') and construct 27L holding apron (2000 SY); install perimeter fence (23,000 LF); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R.

all as more particularly described on the property map attached (hereeto as Exhibit "A") and in the plans and specifications submitted to the FAA on March 14, 1972, which are made a part hereof.
The following is a summary of the estimated costs of the project:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>TOTAL ESTIMATED COST</th>
<th>ESTIMATED SPONSOR'S SHARE OF COST</th>
<th>ESTIMATED FEDERAL SHARE OF COST</th>
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<td>PERCENT</td>
<td>AMOUNT</td>
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<td>1. LAND COSTS</td>
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<td>2. CONSTRUCTION COSTS</td>
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<td>3. ENGINEERING AND SUPERVISION COSTS</td>
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<td>4. ADMINISTRATIVE COSTS</td>
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<td>6. CONTINGENCIES</td>
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<td>1,279,332</td>
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<td>(Items 1, 5, and 6)</td>
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</tr>
</tbody>
</table>

Part II—REPRESENTATIONS

The Sponsor hereby represents and certifies as follows:

1. Legal Authority.—The Sponsor has the legal power and authority: (1) to do all things necessary in order to undertake and carry out the Project in conformity with the Act and the Regulations; (2) to accept, receive, and disburse grants of funds from the United States in aid of the Project, on the terms and conditions stated in the Act and the Regulations; and (3) to carry out all of the provisions of Parts III and IV of this Project Application.

2. Funds.—The Sponsor now has on deposit, or is in a position to secure, $1,279,332 for use in defraying the costs of the Project. The present status of these funds is as follows:

These funds have all been expended for acquisition of land (Item #1). All land included in this project has been acquired and payment therefore has been made in full.

3. Compatible Land Use.—The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

Sponsor has acquired extensive land holdings on and around the airport as shown on the property map and intends to acquire additional properties as funds become available.

Sponsor reviews all development proposals in the airport vicinity and appears at public hearings to testify in behalf of airport interests.
4. Approvals of Other Agencies.—The Project has been approved by all non-Federal agencies whose approval is required, namely:

- State of Ohio - State Architect
- State of Ohio - Department of Public Works
- State of Ohio - Division of Aviation
- State of Ohio - Department of Development
- State of Ohio - Department of Natural Resources
- Mid-Ohio Regional Planning Commission
- Ohio State University - Board of Trustees

5. Defaults.—The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

No Exceptions

6. Possible Disabilities.—There are no facts or circumstances (including the existence of effective or proposed leases, use agreements, or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of Parts III and IV of the Project Application, either by limiting its legal or financial ability or otherwise, except as follows:

No Exceptions

7. Land.—(a) The Sponsor holds the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport, subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

The State of Ohio and the Board of Trustees of The Ohio State University have fee simple title, free and clear of all encumbrances subject to easements, in all land except four parcels within the Airport boundary limits as indicated on the property map, exhibit "A", dated 4/13/72, attached hereto and incorporated herein by reference.

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.
(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

All land included in this project has been acquired.

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

All land included in this project has been acquired.

8. Exclusive Rights. There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

No Exceptions
Part III—SPONSOR'S ASSURANCES

In order to furnish the assurances required by the Act and Regulations the Sponsor hereby covenants and agrees with the United States, as follows:

1. These covenants shall become effective upon acceptance by the Sponsor of an offer of Federal aid for the Project or any portion thereof, made by the FAA and shall constitute a part of the Grant Agreement thus formed. These covenants shall remain in full force and effect throughout the useful life of the facilities developed under this Project, but in any event not to exceed twenty (20) years from the date of said acceptance of an offer of Federal aid for the Project.

2. The Sponsor will operate the Airport as such for the use and benefit of the public, on fair, reasonable, and equal terms, and classes of aeronautical use on fair and reasonable terms without discrimination between such types, kinds, and classes. Provided, That the Sponsor may establish such fair, equal, and not unjustly discriminatory conditions to be met by all users of the Airport as may be necessary for the safe and efficient operation of the Airport; And Provided Further, That the Sponsor may prohibit or limit any given type, kind, or class of aeronautical use of the Airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

3. The Sponsor—

a. Will not grant or permit any exclusive right forbidden by Section 308(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1386(a)) at the airport, or at any other airport now or hereafter owned or controlled by it;

b. Agrees that, in furtherance of the policy of the FAA under this covenant, unless authorized by the Administrator, it will not, either directly or indirectly, grant or permit any person, firm or corporation operating an airport or any other airport now or hereafter owned or controlled by it, to conduct any aeronautical activities, including, but not limited to, charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft salvaging and parking, aerial and ground washing and cleaning, water sports, radio, television, athletic games, picnics, exhibitions, off-sale of alcoholic beverages in the airport, or at any other airport now or hereafter owned or controlled by it, which would interfere with the furnishing of such services by contractors or concessionaires of the Sponsor under the provisions of such subsection.

c. Agrees that it will terminate any existing exclusive right to engage in the sale of gasoline or diesel fuel, or both, granted before July 17, 1962, at such an airport, at the earliest renewal, cancellation, or expiration date applicable to the agreement that established the exclusive right; and

d. Agrees that it will terminate any other exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under the Federal Airport Act.

4. The Sponsor agrees that it will operate the Airport for the use and benefit of the public, on fair and reasonable terms, and without unjust discrimination. In furtherance of this covenant (but without limiting its general applicability and effect), the Sponsor specifically covenants and agrees:

a. That in its operation and the operation of all facilities on the airport, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed, or national origin in the use of any of the facilities provided for the public on the Airport.

b. That in any agreement, contract, lease, or other arrangement under which a right or privilege at the Airport is granted to any person, firm, or corporation to conduct or engage in any aeronautical activity for furnishing services to the public at the airport, the Sponsor will insist and enforce provisions requiring the contractor,

(1) to furnish said service on a fair, equal, and not unjustly discriminatory basis to all users thereof, and

(2) to charge fair, reasonable, and not unjustly discriminatory prices for each unit or service; Provided, That the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.

c. That it will not exercise or grant any right or privilege which would operate to prevent any person, firm, or corporation operating an airport on the Airport from performing any services on its own aircraft with its own employees (including, but not limited to maintenance and repair) that it may choose to perform.

d. In the event the Sponsor itself exercises any of the rights and privileges referred to in subsection b, the services so exercised shall be provided on the same conditions as would apply to the furnishing of such services by contractors or concessionaires of the Sponsor under the provisions of such subsection.

5. Nothing contained herein shall be construed to prohibit the granting or exercise of an exclusive right for the furnishing of nonaeronautical products and supplies or any service of a nonaeronautical nature or to obligate the Sponsor to furnish any particular nonaeronautical service at the Airport.

6. The Sponsor will operate and maintain in a safe and serviceable condition the Airport and all facilities thereon and connected therewith which are necessary to serve the aeronautical users of the Airport other than facilities owned or controlled by the United States and will not permit any activity thereon which would interfere with its use for airport purposes; Provided, That nothing contained herein shall be construed to require that the Airport be operated for aeronautical uses during temporary periods when snow, flood, or other climatic conditions interfere with such operation and maintenance; And Provided Further, That nothing herein shall be construed as requiring the maintenance, repair, reconditioning or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the Sponsor.
7. If, as far as it is within its power and reasonably possible, the Sponsor will, either by the acquisition, retention, or retention of easements or other interests in or for the use of land or airspace or by the adoption and enforcement of zoning regulations, prevent the construction, erection, alteration, or growth of any structure, tree, or other object in any of those areas of the Airport, Sponsor may decide to or for the use, operation, or future development of the Airport, in any portion of a runway approach area in which the Sponsor has acquired, or may hereafter acquire, property interests permitting it to so control the use made of the surface of the land.

a. All facilities of the Airport developed with Federal aid and all those usable for the landing and taking off of aircraft, will be available to the United States at all times, without charge, for use by military and naval aircraft in common with other aircraft, except that if the use by military and naval aircraft is substantial, a reasonable share, proportional to such use, of the cost of operating and maintaining facilities so used, may be charged. Unless otherwise determined by the FAA, or otherwise agreed to by the Sponsor and the using agency, substantial use of an airport by military and naval aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the FAA, would unduly interfere with use of the landing area by other authorized aircraft, or during any calendar month that:

a. Five (5) or more military or naval aircraft are regularly based at the airport or on land adjacent thereto; or

b. The total number of movements (counting each landing as a movement and each takeoff as a movement) of military or naval aircraft is 300 or more, or the gross cumulative weight of military or naval aircraft using the Airport (the total movements of military or naval aircraft multiplied by gross certificated weights of such aircraft) is in excess of five million pounds.

9. Whenever so requested by the FAA, the Sponsor will furnish without cost to the Federal Government, for construction, operation and maintenance of facilities for air traffic control activities, or weather reporting activities and communication activities related to air traffic control, such areas of land or water, or estate therein, or rights in buildings of the Sponsor as the FAA may consider necessary or desirable for construction. Federal expense of space or facilities for such purposes. The approximate amounts of areas and the nature of the property interests and/or rights so required will be set forth in the Grant Agreement relating to the Project. Such areas or any portion thereof will be made available as provided herein within 4 months after receipt of written request from the FAA.

10. The Sponsor will furnish the FAA with such annual or special airport financial and operational reports as may be reasonably requested. Such reports may be submitted in forms furnished by the FAA, or may be submitted in such manner as the Sponsor elects so long as the essential data are included. The Airport and all airport records and documents affecting the Airport, including deeds, leases, operation and use agreements, regulations, and other instruments, will be made available for inspection by any duly authorized representative of the FAA upon reasonable request. The Sponsor will furnish to the FAA, upon request, a true copy of any such document.

11. The Sponsor will not enter into any transaction which would constitute to deprive it of any of the rights and powers necessary to perform any or all of the covenants made herein, unless by such transaction the obligation to perform all such covenants is assumed by another public agency found by the FAA to be eligible under the Act and Regulations to assume such obligations and having the power, authority, and financial resources to carry out all such obligations. If an arrangement is made for management or operation of the Airport by any agency or person other than the Sponsor or an employee of the Sponsor, the Sponsor will reserve sufficient rights and authority to ensure that the Airport will be operated and maintained in accordance with the Act, the Regulations, and those covenants.

12. The Sponsor will keep up to date at all times an airport layout plan of the Airport showing (1) the boundaries of the Airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the Sponsor for airport purposes, and proposed additions thereto; (2) the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangers, and roads), including all proposed extensions and reductions of existing airport facilities; and (3) the location of all existing and proposed nonaviation areas and of all existing improvements thereto. Such airport layout plan, and each amendment, revision, or modification thereof, shall be subject to the approval of the FAA, which approval shall be evidenced by the signature of a duly authorized representative of the FAA on the face of the airport layout plan. The Sponsor will not make or permit the making of any changes or alterations in the Airport or any of its facilities other than in conformity with the airport layout plan as so approved by the FAA. If such changes or alterations might adversely affect the safety, utility, or efficiency of the Airport.

13. Insofar as is within its power and to the extent reasonable, the Sponsor will take action to restrict the use of land adjacent to or in the immediate vicinity of the Airport to activities and purposes compatible with normal airport operations including landing and takeoff of aircraft.

14. If at any time it is determined by the FAA that there is any outstanding right or claim of right in or to the Airport property, other than those set forth in Part II, paragraphs (a), (b), and (c), the existence of which creates an undue risk of interference with the operation of the Airport or the performance of the covenants of this Part, the Sponsor will acquire, extinguish, or modify such right or claim of right in a manner acceptable to the FAA.

15. Unless the context otherwise requires, all terms used in these covenants which are defined in the Act and the Regulations shall have the meanings assigned to them therein.

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Part IV—PROJECT AGREEMENT

If the Project or any portion thereof is approved by the FAA, and an offer of Federal aid for such approved Project is accepted by the Sponsor, it is understood and agreed that all airport development included in such Project will be accomplished in accordance with the Act and the Regulations, the plans and specifications for such development, as approved by the FAA, and the Grant Agreement with respect to the Project.

IN WITNESS WHEREOF, the Sponsor has caused this Project Application to be duly executed in its name, this 14th day of April, 1972.

Board of Trustees of The Ohio State University

(Name of Sponsor)

By

Secretary

OPINION OF SPONSOR'S ATTORNEY

I HEREBY CERTIFY that all statements of law made in this Project Application and all legal conclusions upon which the representations and covenants contained herein are based, are in my opinion true and correct.

(Signature)

Special Counsel for

The Ohio State University

April 13, 1972
In order to furnish the assurances required by Title VI of the Civil Rights Act of 1964, and by Part 21 of the Regulations of the Office of the Secretary of Transportation, as amended, the Board of Trustees of The Ohio State University (insert name of Sponsor) (hereinafter called the "Sponsor") hereby covenants and agrees with the United States (hereinafter called the "Government") as follows:

The Sponsor, in the operation and use of the Ohio State University Airport, will not on the grounds of race, color, or national origin discriminate or permit discrimination against any person or group of persons in any manner prohibited by Part 21 of the Regulations of the Office of the Secretary of Transportation.

The Sponsor will also include, or require the inclusion, in every agreement or concession pursuant to which any person, other than the Sponsor, operates or has the right to operate any facility on the Airport providing services to the public, the foregoing covenant as an obligation assumed by that person, together with a provision granting the Sponsor the right to take such action as the Government may direct to enforce that covenant.

Noncompliance with the above assurances shall constitute a material breach, and in the event of such noncompliance, the Government may take appropriate action to enforce compliance, may terminate the Grant Agreement to which this covenant relates, or seek judicial enforcement.

The covenant shall become effective upon execution of a Grant Agreement pursuant to the above identified project application and shall constitute part of the Grant Agreement to which it relates and shall remain in full force and effect so long as the airport covered by such agreement continues to be used and operated as a public airport.

Board of Trustees
The Ohio State University
Sponsor

Date: April 17, 1972

By: ________________________________
Title
LAND INCLUDED IN THIS PROJECT:

A. Parcel "A" - Purchased from Tuller 12/69
155.17 Acres at Total Cost of $2930,720.00. Owned in Fee Simple. Telephone Line along Sawmill Road. No Easements.

B. Parcel "B" - Purchased from Mitchell 6/62
34.5 Acres at Prorated Cost of $52,900.00. Owned in Fee Simple. Waterline (underground) Easement as Shown.

C. Parcel "C" - Purchased from Gable 12/53
45 Acres at Total Cost of $27,600.00. Owned in Fee Simple. Power Line Easement along Case Road.

D. Parcel "D" - Purchased from Webb-Blackmore 8/70
35.28 Acres at Total Cost of $200,000.00. Owned in Fee Simple. Telephone Line along Godown Road. No Easements.

E. Parcel "E" - Purchased from Trees 4/56
3680 Acres at Total Cost of $58,212.00. Owned in Fee Simple. Telephone Line along East Boundary Water Line (underground) Easement as Shown.
APPENDIX XII

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 9, 1972
The Recipients of Honors

JOHN ENGLEBERT DUNPHY
Doctor of Science

Distinguished surgeon, scientist, and educator, whose contributions have had worldwide influence in the art and science of surgery.

J. Englebert Dunphy has extended his energies and creative interests in a 40 year career to strengthen health and surgical education in the United States. Dr. Dunphy received his bachelor's degree from Holy Cross and his medical degree from Harvard University. The foundation for his outstanding career in medical research began at Harvard where his personal skills in surgery inspired countless students and culminated in his appointment as Director of the 5th Surgical Service and Sears Surgical Laboratory, Boston City Hospital.

From Boston, his surgical, educational, and administrative attributes grew apace. In 1959, he became Chairman of Surgery at the University of Oregon. Since 1964, Dr. Dunphy has capably served as Chairman of the Department of Surgery at the University of California at San Francisco, with visiting professorships at The Ohio State University in 1967 and 1970. With a mind hospitable to the great traditions of medical research, his vigorous scientific labors have produced 250 publications including basic texts for the training of medical students and young surgeons.

He has been honored by membership in every distinguished surgical society in the United States as well as numerous surgical societies overseas, sharing his energy in the development of worldwide cooperation among surgeons.

He has served for two years as President of the Federation of Surgical Colleges representing 40 countries. His leadership has been further acknowledged by election to the presidency of six major professional societies and as Chairman of the Board of Regents of the American College of Surgeons.

The Ohio State University is proud to honor John Englebert Dunphy for his lifelong contributions to science and health care in the United States and for his outstanding efforts to improve the teaching of surgery, both nationally and through international cooperation.

JOSEPH HOWARD KOFFOLT
Doctor of Science

Noted educator and innovative scholar, widely recognized for professional dedication to the forward thrust of chemical engineering in America.

A nationally known authority in the field of chemical engineering, Joseph H. Koffolt's career has spanned a wide range of occupational interests. A graduate of The Ohio State University, Dr. Koffolt joined the University's staff as a teaching assistant in chemical engineering in 1929 and by 1940 had attained the rank of full professor. He became Chairman of the department in 1948 and ably maintained this position for the next two decades. During his Chairmanship, Dr. Koffolt worked diligently to advance the stature and prominence of not only his immediate department, but the overall contributions of his field as well. His inspiring teaching has been noted by more than forty graduating classes of chemical engineers.

Although Dr. Koffolt's educational contributions are of substantial importance, they by no means monopolize his occupational accomplishments. One of the early and important contributors to the development and use of nomographs, his research dealt with fundamental and applied aspects of distillation and liquid-liquid extraction processes. As an industrial consultant with the federal and state governments, he has had extensive experience in the areas of explosives and thermodynamics. In industry he has held positions with the American Steel and Wire Company, the Industrial Rayon Corporation, and the American Potash and Chemicals Corporation.

Active in professional affairs, Dr. Koffolt is affiliated with a number of organizations including the American Chemical Society and the American Society for Engineering Education. He is also a member of honorary professional societies such as Tau Beta Pi and Sigma Xi. Honored by the rank of Fellow from the American Institute of Chemical Engineers, he is a recipient of their Founder's Award as well as the Technical Man of the Year Award from the Columbus Technical Council.

The Ohio State University is proud to confer the honorary degree, Doctor of Science, upon Joseph Howard Koffolt, an alumnus who has given a lifetime of distinguished service to his alma mater and to the advancement of his profession.

The Ohio State University is proud to honor Joseph Howard Koffolt for his contributions to science and health care in the United States and for his outstanding efforts to improve the teaching of surgery, both nationally and through international cooperation.
ALAN GREGORY LOOFBOURROW

Doctor of Science

Prominent automotive engineer whose imagination, ingenuity, and integrity are of the highest caliber.

Long a pioneer in Detroit's automotive engineering industry, Alan G. Loofbourrow received his undergraduate degree in mechanical engineering from The Ohio State University. He went on to complete degrees at both the University of Michigan and the Chrysler Institute of Engineering. His formal education at the Institute proved to be only the beginning of what was to become an extensive and distinguished career with Chrysler Corporation, culminating with his appointment as Vice President of Engineering and Research.

A man with many innovations to his credit, Mr. Loofbourrow has established himself as one of the nation's foremost creative engineers. He introduced the first production application of power steering and disc brakes to passenger cars as well as the first torsion-bar suspension system to be applied to high volume, mass-produced automobiles. His inventions in the area of automatic transmissions have evolved into the classic design for the industry. Unibody construction, improvements in safety glass, the introduction of the alternator as an industry first, and the slant-six engine are yet other areas of his engineering contributions. He advocated standards and specifications for increased and improved vehicle safety, quality, and service far in advance of the current drive for such measures.

Aside from the mechanics of automotive development, Mr. Loofbourrow has had an active interest in civic affairs. As Co-chairman of the Junior Achievement of Southwest Michigan and has been Fund Drive Unit Chairman of that organization. He has also maintained a link with The Ohio State University through the Mechanical Engineering Department's Visiting Committee which serves as an advisory group to the faculty, joining industry and education in long range planning.

For combining unparalleled executive and engineering abilities with the humanitarian utilization of these talents, The Ohio State University honors Alan Gregory Loofbourrow.

ARMIN H. MEYER

Doctor of Laws

Honorable government official whose diplomatic acumen is high tribute to American representation abroad.

Ambassador Armin Meyer is a career diplomat with 29 years of service to our nation, entering the Foreign Service at the end of World War II. Since his first assignment with the United States Office of War Information in Cairo, Mr. Meyer has represented our country as an emissary around the globe. As Public Affairs Officer for the American Embassy in Baghdad, he developed a keen awareness of, and interest in, Middle East affairs. From 1952 to 1955 he served in Beirut and was Charge d'Affaires ad interim at the American Embassy in the Lebanese capital. Until his reassignment as Deputy Chief of Mission in Afghanistan, Ambassador Meyer was successful in cementing several agreements concerning international oil rights.

Returning to Washington, D.C., Mr. Meyer served as Deputy Assistant Secretary of State for Near Eastern and South Asian Affairs from 1957 to 1961. The responsibilities of this position included the coordination of 18 foreign countries, ranging from Greece to India.

Again accepting overseas appointment, Ambassador Meyer was the chief of the United States Mission in Iran until 1965. During his tenure in Iran, our country's foreign aid programs to the nation diminished as local citizens became more self-sufficient. From Iran, Mr. Meyer assumed his most recent appointment as Ambassador to Japan. Historic developments during his service include negotiations for the return of Okinawa to the Japanese and the promotion of harmonious and cooperative trade relations between our country and Japan.

Prior to his affiliations with the Foreign Service, Mr. Meyer was Dean of Men and associate professor of mathematics at Capital University, his undergraduate alma mater. He is also a summa cum laude graduate of the Evangelical Lutheran Theological Seminary as well as a recipient of the Master of Arts degree from The Ohio State University.

For his continuing loyal support of responsible and effective government service, The Ohio State University honors Armin H. Meyer with the honorary degree, Doctor of Laws.
Doctor of Musical Arts

Two candidates

Betty Oberacker, Cleveland
B.M., M.M. (Cleveland Institute of Music)

Dissertation: The Preludes of the Well-Tempered Clavier, Volume I, of Johann Sebastian Bach: A Commentary and Analysis
Field of Specialization: Music

Raymond Benjamin Sidoti, Cleveland
B.M., M.M. (Cleveland Institute of Music)

Dissertation: The Violin Sonatas of Béla Bartók: An Epitome of the Composer's Development
Field of Specialization: Music

Doctor of Philosophy

One hundred and eighty three candidates

David Stewart Adams, Columbus
B.A. (Piedmont College)

Dissertation: Goal and Structural Succession in a Voluntary Association: A Constructed Type of the American Red Cross Chapter in Natural Disasters
Field of Specialization: Sociology

Richard Neil Adams, Pemberton
B.S., Agr., M.A.

Dissertation: Continuing Education for Technical College Students
Field of Specialization: Agricultural Education

John Ademola Adeleji, Okemesi, Nigeria
B.S., M.A. (Western Michigan University)

Dissertation: Physical Education and Nation Building in Nigeria
Field of Specialization: Physical Education

Pushpa Purushottam Agashe, Pittsburgh, Pa.
B.A., M.A. (University of Poona); M.S. (Carnegie-Mellon University)

Dissertation: Adjacent Topologies
Field of Specialization: Mathematics

*Beverlee Byler Anderson, West Liberty
B.S., Bus. Adm., B.S.Ed.

Dissertation: The Influence of Seals of Certification on Consumer Attitudes for Selected Products
Field of Specialization: Business Administration

Gwyn Deimont Angus, Columbus
B.A. (Anderson College); M.A.

Dissertation: Prediction of Academic and Clinical Success at The Ohio State University School of Allied Medical Professions
Field of Specialization: Education

Larry George Arlan, Loveland, Colo.
B.S., M.S. (Colorado State University)

Dissertation: Equilibrium and Non-equilibrium Water Exchange Kinetics in an Astracanth Terrestrial Arthropod, Dermocephaloides furinaris Hughes
Field of Specialization: Entomology

Norma Saxe Barnebey, Columbus
B.S.Ed., M.A.

Dissertation: The Study of the Effect of the Race of Examiner on the Test Performance of Negro and White Children
Field of Specialization: Education

Stephen Hayden Barnes, Washington, D. C.
B.Mus. (Peabody Conservatory of Music); M.A.

Dissertation: The High School Instrumental Music Teacher Role: An Exploration of Interposition Consensus
Field of Specialization: Music

James Jackson Burnette, Troy
B.S.Ed., M.A.

Dissertation: The Development and Evaluation of a Pre-Statistics Orientation Manual for Students in the Behavioral Sciences
Field of Specialization: Education

James Richard Barth, North Hollywood, Calif.
B.A. (Sacramento State College); M.A. (University of New Mexico)

Dissertation: Cash Adjustments of Commercial Banks
Field of Specialization: Economics

Pramode Kumar Bhagat, Dayton
B.E.E. (Indian Institute of Technology); M.S.E.E. (University of Cincinnati)

Dissertation: A Mathematical Investigation of the Left Ventricular Distensibility in Healthy Closed-Chest Dogs
Field of Specialization: Electrical Engineering

Dorothy T. Blakley, Fostoria
B.S. in Ed. (Bowling Green State University); M. Ed. (University of Toledo)

Dissertation: A Profile and Analysis of the Commuter Student at the Ohio State University
Field of Specialization: Education

Theresa Marcelle Bonin, St. Andre le Desert, France
Licence (University of Grenoble)

Dissertation: A Rationale for including Colloquial French as an Integral Part of French Language Studies
Field of Specialization: Education

Terrence Allen Boring, Charlottesville, Va.
B.A. (Texas Lutheran College); M.A.

Dissertation: Studies in Spartan History
Field of Specialization: Classics

Rejean Bouchard, Quebec, Que., Canada
B.Sc.Agr., M.Sc. (Laval University)

Dissertation: The Sulfur Requirement of Lactating Dairy Cows
Field of Specialization: Dairy Science

Michael Higgins Bowman, Ironton
B.S., M.S. (Ohio University)

Dissertation: The Conformation, Cytology and Synaptology of the Opposum Inferior Olivary Nucleus
Field of Specialization: Anatomy

Ernest Hoff Broadwater, Philadelphia, Pa.
B.Ed. (Keene State College); Ed.M. (Temple University)

Dissertation: An Explanatory Study of the Representative Validity of the Observational System for Instructional Analysis
Field of Specialization: Education

Charles Raymond Brown, Columbus
B.S. Ed. (Marion College); M.S. (Butler University)

Dissertation: Assessment of Television and Video Tape Recordings for Utilization in Continuing Medical Education
Field of Specialization: Education

* Also Master of Business Administration, Graduate School
Harold Eugene Brown, Columbus
A.B. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.
Field of Specialization: Education

Dorothy Trautman Coon, Columbus
B.S. in Ed. (State University College for Teachers at Buffalo); M.S. in Ed. (State University of Education, Buffalo)
Dissertation: The Intuitive Concept of Limit Possessed by Pre-calculus College Students and Its Relationship with Their Later Achievement in Calculus
Field of Specialization: Education

Michael Roy Cooper, Hackensack, N. J.
B.A. (Hofstra University); M.A. (Long Island University)
Dissertation: Satisfaction, Perceived Influence, and Decision-Riskiness: The Effects of Participation and Commitment in Decision-Making Groups
Field of Specialization: Psychology

John Delmas Burkhart, Columbus
A.B. (College of Saint Charles Borromeo); M.A.
Dissertation: A Comparative Study of the Attitudes of High School Seniors Regarding Marriage
Field of Specialization: Education

Eddie Buckles, Chicago, IIL
M.A.
Dissertation: An Intuitive Concept of Limit Possessed by Pre-calculus College Students and Its Relationship with Their Later Achievement in Calculus
Field of Specialization: Education

Field of Specialization:

Edward Charles Chaloupka, Jamaica, N. Y.
B.S.
Dissertation: Competition among Women, as Measured by Cooperation/Conflict
Field of Specialization:

Ping-Leung Chan, New Haven, Conn.
B.A., M.A. (Queens College)
Dissertation: The Physiological Effects of Two Maintenance Programs Following Eight Weeks of Interval Training
Field of Specialization: Physical Education

Murlidhar Radhakrishna Dharmadhikari, Multai, India
B.S. (State University of Ibadan); M.S. (Indian Agricultural Research Institute)
Field of Specialization: Horticulture

Ping-Leung Chan, New Haven, Conn.
B.A., M.A. (University of Hong Kong); M.A. (Yale University)
Dissertation: Ch'u Ts'u and Shamanism in Ancient China
Field of Specialization: East Asian Languages and Literatures

James Francis Donovan, Hopatcong, N. J.
B.S. (State University College of Education, Plattsburg); M.S. (Syracuse University)
Dissertation: Academic or Social Orientation of Special Class Teachers Related to Academic Achievement, Self-Concept and Adaptive Behavior of EMR Students
Field of Specialization: Education

Thrainn Eggertsson, Reykuavik, Iceland
B.A. (University of Manchester)
Dissertation: Economic Aspects of Higher Education Taken under the World War II GI Bill of Rights
Field of Specialization: Economics

Yie wen Chien, Taipei, Taiwan
B.S. (Kaohsiung Medical College)
Dissertation: Non-Steady-State and Steady-State Membrane Permeation Studied by Rotating-Electrode Polasography
Field of Specialization: Pharmacy

Richard Mondell Coger, Xenia
B.S. (Savannah State College); M.A. (Ball State University)
Dissertation: The Development of a Selection Model and an Effectiveness Model to Assist Teachers in Monitoring the Levels of Accountability of Educational Media
Field of Specialization: Education

Victor Jonathan Ekong, Ibadan, Nigeria
B.Sc. (University of Ibadan); M.S.
Dissertation: Rate of Convergence of Hermite Interpolation Based on the Roots of Certain Jacobi Polynomials
Field of Specialization: Computer and Information Science
Jane Rawson, Evans, Winnipeg, Man., Canada
B.A. (Acadia University); B.Ed. (Saint Francis Xavier University); Dip. P.E. (Dalhousie University); M.Sc. (Wisconsin State University)
Dissertation: A Comparison of the Synchronous, Rhythmic Motor, and Spontaneous Rhythmic Movement of Educable Mentally Retarded and Normal Children
Field of Specialization: Physical Education
Fred Walter Fanning, Covington
B.S., M.A.
Dissertation: The Effects of Classroom Instruction in Behavioral Principles upon Student Tardiness Behavior
Field of Specialization: Psychology
Lawrence Friedman, Cleveland Heights
B.E.M., M.S.
Dissertation: Electrochemical Studies of Oxygen in Liquid Metals
Field of Specialization: Metallurgical Engineering
Sandra Park Gadell, Columbus
B.A., M.A. (State University of Iowa)
Dissertation: The Development and Testing of Programmed Materials for Teaching Phonics to Pre-Service Teachers
Field of Specialization: Education
Albert Harding Ganz, Columbus
B.A. (Wittenberg University); M.A. (Columbia University)
Dissertation: The Role of the Imperial German Navy in Colonial Affairs
Field of Specialization: History
Shagwan Dass Garg, Hissar, India
B.V.Sc. and A.H. (Panjab University); M.Sc. V.M. and A.H. (Panjab Agricultural University)
Dissertation: Pharmacological and Biochemical Studies on Disposition of Optical Isomers of Catecholamines
Field of Specialization: Pharmacy
Jarrell Willis Garsee, Mt. Vernon
Th.B. (Bethany Nazarene College); B.D. (Nazarene Theological Seminary); M.S. (University of Oklahoma)
Dissertation: Some Developmental Correlates Individually-Perceived Generation Differences in Value Role-Taking
Field of Specialization: Psychology
Leonard Albert Gideon, Fort Worth, Tex.
B.S. (Texas Agricultural and Mechanical University); M.S.
Dissertation: Immunological Parameters of Renal Transplantation in the Canine
Field of Specialization: Microbiology
Emerson DeWitt Gilbert, Indianapolis, Ind.
A.B. (Asbury College); Ed.M. (Oregon State College)
Dissertation: Teaching Styles Prevalent in Satisfying and Dissatisfying College Credit Courses as Perceived by Adult Students
Field of Specialization: Education
Robert Loomis Gordon, Manchester, Conn.
B.S. (Pennsylvania State University); M.S. (Rensselaer Polytechnic Institute)
Dissertation: The Organization and Control of a Slave Memory Hierarchy
Field of Specialization: Computer and Information Science
Calvin Frederick Grass, Castleton, Vt.
A.B. (Boston University); M.Ed. (University of Maine)
Dissertation: A Study Relating Levels of Understanding of Selected Concepts of Motion to Chronological Age Using Verbal Response to Visual Stimulus
Field of Specialization: Education
Seth Neil Greenberg, New Hyde Park, N. Y.
B.A. (Queens College); M.A.
Dissertation: Visual Word Recognition as a Function of Meaning and Graphic Familiarity
Field of Specialization: Psychology
John William Gregory, Columbus
B.A. (Lebanon Valley College); M.A. (Wesleyan University)
Dissertation: The Impact of the Verbal Environment in Mathematics Classrooms on Seventh Grade Students' Logical Abilities
Field of Specialization: Education
David Lewis Greth, Columbus
B.A. (Albright College); M.A. (Temple University)
Dissertation: Anomic, Suicidal Ideation, and Student Ecology in a College Population
Field of Specialization: Psychology
Philip Eicks Grundichner, Spring Lake, N. J.
B.A. (University of Pennsylvania); M.A. (Tufts University)
Dissertation: The Bridge in German Poetry: Its Symbolic Functions
Field of Specialization: German
Sumit Gunanukorin, Bangkok, Thailand
B.Ed. (Chulalongkorn University); M.A.
Dissertation: A Rationale for Human Relations Education in an Intercultural Context
Field of Specialization: Education
Charles Dewey Harris, Silver Spring, Md.
B.S., M.A. (University of Maryland)
Dissertation: The Effect of Isometric Exercise on the Systolic Time Intervals of the Cardiac Cycle
Field of Specialization: Physical Education
Larry Stephen Haverkos, Cincinnati
B.S. (University of Cincinnati); M.A.
Dissertation: Liberalism and Education: Four Views
Field of Specialization: Education
David Thomas Hayes, Garfield Heights
B.S. (Ohio University); M.A.T. (Duke University)
Dissertation: Effects of Two Methods of Presenting Homework upon Attitude, Achievement, and Perceptions of Study Habits in a College Mathematics Course
Field of Specialization: Education
Budd Hansel Hiebert, Richmond, Va.
B.S., M.A. (Arizona State University)
Dissertation: Spatial Analysis of Domestic United States Air Passenger Traffic: A Network Analysis Approach
Field of Specialization: Geography
John Phillips Henderson, Fairborn
B.S. in M.E. (Case Institute of Technology); M.S.
Dissertation: Vibration Analysis of Curved Skin-Stringer Structures Having Toned Elastomeric Dampers
Field of Specialization: Engineering Mechanics
John Porter Henderson, Irondale
B.S. in Ed. (Kent State University); M.A.
Field of Specialization: Education

John Howard Hillison, Mt. Carmel, Ill.
B.S., M.Ed. (University of Illinois)
Dissertation: Manpower Needs in Environmental Management
Field of Specialization: Agricultural Education

Helen McConnell Hord, Columbus
A.B. (Kentucky State College); M.Ed.
Dissertation: The Significance of Black Literature in the Language Arts Program of a Predominantly Black Junior High School
Field of Specialization: Education

Teau-Yuen Huang, Kaohsiung, Taiwan
B.Ed. (Kaohsiung Medical College); M.S.
Dissertation: Histopathology of Intramyocardial Arteries in Normal and Arteriosclerotic Hearts
Field of Specialization: Pathology

Richard Joseph Hueisman, Worthington
B.S. (John Carroll University); S.T.L. (Bellarmine School of Theology of Loyola University); M.A.
Dissertation: Implications in the Work of Teilhard De Chardin for a Philosophy of Guidance
Field of Specialization: Education

Charles David Hufford, Sylvania
B.S.Pharm.
Dissertation: Studies in the Chemistry of Cytotoxic Terpenoid Compounds
Field of Specialization: Pharmacy

Manuel J. Iglesias, Springfield
B.Ed. (University of Miami); M.Ed. (Florida Atlantic University)
Dissertation: Spain’s Instructional Television System: A Critical Assessment
Field of Specialization: Education

Nasruddin Ilias, Palembang, Indonesia
B. (Institute of Agriculture); M.S.
Dissertation: Development of Quality Evaluation of Soybean-Based Food - Tempeh
Field of Specialization: Horticulture

Edmund Gale James, Caldwell
B.A., B.S.Ed., M.A.
Dissertation: The Law and Student Rights
Field of Specialization: Education

Lillian M. Janus, Hazleton, Pa.
B.A., M.A. (Pennsylvania State University)
Dissertation: Use of Photographs in American Daily Newspapers: An Analysis
Field of Specialization: Education

B.S.M.E. (Carnegie Institute of Technology); M.Ed. (Saint Lawrence University); M.S.
Dissertation: Computer-Oriented Instructional System for Teaching Analytic Geometry
Field of Specialization: Education

B.A., M.A. (Marshall University)
Dissertation: The Implications of the Technological Society for the Teaching of Social Studies
Field of Specialization: Education

James Michael Ketchel, Falls Church, Va.
A.B. (San Francisco State College); M.A. (San Jose State College)
Dissertation: The Development of Methodology for Evaluating the Effectiveness of a Volunteer Health Planning Organization
Field of Specialization: Psychology

Sangsin Kim, Flushing, N. Y.
M.D. (Catholic Medical College); M.S.
Dissertation: The Histochemistry of Creatine Kinase
Field of Specialization: Pathology

Betty Friedman Klapper, Columbus
B.S. (University of Michigan); M.A. (University of California at Berkeley)
Dissertation: Studies on the Extracellular Protease of Aspergillus Oryzae: Catalytic Properties and Biological Appearance
Field of Specialization: Botany

James Earl Klinzing, West Allis, Wis.
B.S. (Wisconsin State University); M.A.
Dissertation: The Metabolic Energy Sources as Affected by Interval Training
Field of Specialization: Physical Education

August Wilfred Korb, Havre, Mont.
B.S. (Northern Montana College); M.Ed. (Colorado State University)
Dissertation: A Study of Selected Practices in the Use of Advisory Committees, Community Surveys, and Placement Services in Trade and Industrial Education Programs in Ohio
Field of Specialization: Education

Maloy Earl Jones, Jr., Tuscaloosa, Ala.
B.S.Ed. (Alabama State College); M.S. (Tennessee Agricultural and Industrial State University)
Dissertation: Work Experience Programs in Business Education of Selected Undergraduate Institutions
Field of Specialization: Education
Mark Anthony Krabbe, Cincinnati
A.B. (University of Dayton); M.A.
Field of Specialization: Education

Joseph Clement Kretschmer, Columbus
B.S.Ed. (University of Missouri); M.A. (California State College at Los Angeles)
Dissertation: Measuring Reading Comprehension
Field of Specialization: Education

B.S. in Ed. (Bowling Green State University); M.A.
Dissertation: Household and Community in Cumiuan,
British West Indies
Field of Specialization: Anthropology

Lloyd Richard Larcom, Troy
B.S.; M.A.
Dissertation: The Regressive Effects of Frustration upon
the Concrete Reasoning Ability of Seven-Year-Old Boys
Field of Specialization: Psychology

Graham John Larson, Sandstone, Minn.
B.A. (Gustavus Adolphus College); M.S.
Dissertation: A Study of the Relative Effects of Patterns of
Repetition on the Learning and Retention of the Limit
Concept in a College Mathematics Course
Field of Specialization: Education

Russel Lonex Leonard, Jr., Richmond, Va.
B.A. (University of Richmond); M.A.
Dissertation: Congruity of Expectations and Personality
Characteristics as Determinants of Decisions in a
Simulated Employment Interview Setting
Field of Specialization: Psychology

Sigmund Alan Lephart, Columbus
B.S.Ed. (Ohio University); M.S. (University of Illinois)
Dissertation: A Mechanical Analysis of Forward
Somersaulting Skills in Rebound Tumbling
Field of Specialization: Physical Education

Dale Franklin Levering, Jr., Grantsville, W. Va.
B.A. Ed. (Glenville State College); M.S.
Dissertation: An Autecological Study of Polygonatum
subsclex (Willd.) Pursh and Polygonatum biflorum
(Walt.) Ell. Emphasizing Inter- and Intra-Specific
Photosynthetic and Respiratory Rate Variation
Field of Specialization: Botany

Ann Elizabeth Liston, Wooster
B.A., M.A. (Michigan State University)
Dissertation: W. C. Rivers: Diplomat and Politician,
1829-53
Field of Specialization: History

David Richard Long, Abion, N. Y.
B.S. (Cornell University); M.S.
Dissertation: Impacts of the Food Stamp Program on
Rural Non-Farm Ohio Participants
Field of Specialization: Agricultural Economics and
Rural Sociology

Gale Harold Long, Oberlin, Kan.
B.A. (University of Utah); M.A.
Field of Specialization: Romance Languages and
Literatures

A.B. (Oberlin College); M.A.
Dissertation: Failure of Inadvertent Nonverbal Behaviors
to Reflect Attitudes toward Communication
Field of Specialization: Psychology

Mary Frances Lovern, Glade Spring, Va.
B.A. (Emory and Henry College); M.S. (Virginia
Polytechnic Institute)
Dissertation: Guidelines for the Pursuit of Full Humanity
in a Secondary English Program
Field of Specialization: Education

Hsiang-tsung Lu, Taipei, Taiwan
B.A. (Taiwan Normal College); A.M. (University of
Michigan)
Dissertation: The Verb-Verb Construction in Mandarin
Chinese
Field of Specialization: Linguistics

Paul C. Lunsford, Maineville
B.S., M.Ed. (Xavier University)
Dissertation: A Study of Governmental Inquiries into
Alleged Staged News Practices of Two Television News
Documentaries
Field of Specialization: Speech Communication

Edward Ellsworth Lyon, Muncie, Ind.
B.S. in Edu., M.S. in Edu. (Illinois State Normal
University)
Dissertation: The Teaching of a College Level Physical
Geography-Earth Science Course by an
Audio-Visual-Tutorial Independent Study Method: An
Evaluation
Field of Specialization: Education

Leo Joseph Macias, Cathedral City, Calif.
B.A. (University of Utah); M.A.T. (University of New
Mexico)
Dissertation: The Use of Simulation in Foreign Language
Teacher Education in Activity-Specific Teaching
Situations
Field of Specialization: Education

Louis Mario Martucci, Troy, N.Y.
B.S. (Union College); M.S.
Dissertation: Image-Quality Effects on Image-Geometry of
a Mapping Camera
Field of Specialization: Geodetic Science

Bruce Leslie Maurer, Ferguson, Mo.
B.S. (University of Illinois); M.S. (University of
Washington)
Dissertation: A Multivariate Analysis of Student, Faculty
and Administrators' Attitudes toward the Division of
University Recreation and Intramural Sports at The Ohio
State University
Field of Specialization: Physical Education

Gerald McCalen, New South Wales, Australia
B.A., B.Comm. (University of (rubin)); B.A., Litt. B.,
M.A. (University of New England); M.S.
Dissertation: A Review of Macrogeographic Concepts
Field of Specialization: Geography
Thomas Andrew McClure, Wapakoneta
B.S.Agr., M.S.
Dissertation: An Economic Analysis of Retail Fertilizer
Plant Operations in the Northwestern United States
Field of Specialization: Agricultural Economics and Rural Sociology

Robert Francis McEniry, St. Louis, Mo.
A.B., A.M., S.T.L. (Saint Louis University)
Dissertation: The Existential Approach to Encounter in
Rolls May
Field of Specialization: Education

Leo McGee, Columbus
B.A. (Philander Smith College); M.A.
Dissertation: Adult Education for the Black Man in
America, 1860-1880: An Historical Study of the Types
Field of Specialization: Education

Gerald Douglas McNamee, Cuyahoga Falls
B.A. (Salem College, West Virginia); M.A.
Dissertation: A Study to Identify and Compare Selected
Differences among Employed Blacks, Employed Blacks
with Advanced Education or Training and Disadvantaged
Black Manpower and Development Trainees
Field of Specialization: Education

Carol Boyd Meeks, Stoutsville
B.S.H.E., M.S.
Dissertation: Prediction of Maintenance and Improvement
Behavior of Small Town Ohio Home Owners
Field of Specialization: Home Economics

Charles Emerald Nebbit, Columbus
B.A. (Philander Smith College); M.A.
Dissertation: Proposed Basic Criteria Needed for
Developing Relevant Adult Basic Education Programs
for Use in Urban Black Communities
Field of Specialization: Education

Keith Jackson Newton, Columbus
A.B. (Ohio University); M.A.
Dissertation: Pragmatic Idealism: Ideological Tension in
the American Newspaper Polesics, 1764-1776
Field of Specialization: History

Isao Nishihira, Naha, Okinawa
B.A. (Okinawa University); M.A.
Dissertation: Western Influence on the Modernization of
Japanese Education, 1868-1912
Field of Specialization: Education

Douglas Warren Ohlin, Baltimore, Md.
B.S. (Towson State College); M.A.
Dissertation: Psychological Space among Six English Stop
Consonants as Measured in Short-Term Memory
Field of Specialization: Speech Communication

Joseph Paul Okang, Accra, Ghana
B.Sc. (University of Science and Technology, Ghana); M.S.
Dissertation: Comparative Study of Point Marking
Devices and Their Suitability for Photogrammetric
Problems
Field of Specialization: Geodetic Science

Wayne Arthur Oliver, Huntsburg
B.A. (Hiram College); M.A.
Dissertation: Childbirth Expectancies and Experiences as
a Function of Locus of Control and Lamaze Training
Field of Specialization: Psychology

Bade Onimode, Aghaja, Nigeria
B.Sc. (University of Ilorin); M.A. (University of
Chicago)
Dissertation: Education, Manpower and the Economic
Development of Nigeria, 1956-79
Field of Specialization: Economics

Olav Orheim, Bergen, Norway
Cand. Mag., Cand. Real. (Bergen University)
Dissertation: A 200-Year Record of Glacier Mass Balance
at Deception Island, Southwest Atlantic Ocean, and Its
Bearing on Models of Global Climatic Change
Field of Specialization: Geology

Gus George Orphanides, Forest Hills, N.Y.
B.S. (Hobart College)
Dissertation: The Chemistry of 2- and 3-Thienylidenes;
Carbene and Cationic Reactions of 3-Diazoo Thiocycles
Field of Specialization: Chemistry

Wilma Rose Parr, Springfield
B.S.A. (Ohio University); M.Ed. (Wittenberg
University)
Dissertation: Attitudes of Students and Faculty
Concerning the Ideal Learning Community and the Real
Learning Situation at a Two-Year Post High School
Institution
Field of Specialization: Education

Warren Ingram Paul, Elizabeth, N.J.
B.A. (Rutgers University); M.A. (Newark State College)
Dissertation: A Rationale for Teacher Education at
Kansas State University
Field of Specialization: Education

Anne Logan Pereveau, Columbus
Ed.B. (Rhode Island College of Education); M.S.
Dissertation: Interline and Chromosomal Analyses of
Different Strains of Drosophila melanogaster
Homozygous for the Cubitus Interruptus Gene
Field of Specialization: Genetics

Kerstin DeLong Phillips, Englishtown, N.J.
B.S. (Pennsylvania State University); M.S.
Dissertation: Synthesis of Amino Sugars and
Reactions of Their Derivatives with Nitrous Acid
Field of Specialization: Chemistry

William Frederick Pinar, Columbus
B.S.Ed., M.A.
Dissertation: Humanities Program; Critique and
Rationale
Field of Specialization: Education

Sally Ann Plummer, Newark
A.B. (Hiram College); M.A.
Dissertation: The Effects of Perception of Twenty-two
Conditions of Band-pass Filtering on Three Types of
Verbal Material
Field of Specialization: Speech
Rolando Jorge Pomareda, Santiago, Chile
Prof. (University of Chile); M.S. 
Dissertation: A Generalization of a Result of J. G. Thompson
Field of Specialization: Mathematics

David Deas Sinkler Poor, Washington, D. C. 
A.B. (Harvard College); M.A. 
Dissertation: Invariance of Multidimensional Configurations
Field of Specialization: Psychology

Kerry Edwin Ragg, Christchurch, New Zealand 
Diploma (University of Otago); M.S. (Ohio University) 
Dissertation: The Effects of Selected Recovery Periods during Interval Training upon Metabolic Energy Sources
Field of Specialization: Physical Education

Wade Hampton Reeves, Modesto, Calif. 
B.S., M.Ed. (University of California, Davis) 
Dissertation: Church-Related Programs in Agricultural Education in Cameroon and Uganda, Africa
Field of Specialization: Agricultural Education

Richard Alma Reid, Bunkerville, Nev. 
B.S. in Agr. (University of Nevada); M.E. (Colorado State University) 
Dissertation: Guidelines for Evaluation Activities Conducted by State Advisory Councils for Vocational and Technical Education
Field of Specialization: Agricultural Education

Elizabeth Waldmeeter Reiss, Columbus 
B.S.Ed.; M.A. 
Dissertation: The Influence of Race and Social Class upon the Measurement of Intelligence, Cognitive Style and Direct Learning Ability
Field of Specialization: Psychology

Ronald Richard Remick, Des Plaines, Ill. 
B.S.Ch.E. (Purdue University); M.S. 
Dissertation: Binary and Ternary Gas Diffusion through Fine Pores in the Transition Region between the Knudsen and Molecular Regions
Field of Specialization: Chemical Engineering

Nelson Andrew Riedel, Columbus 
B.E.E.; M.S. 
Dissertation: Digitally Compressed Delta Modulation 
Field of Specialization: Electrical Engineering

B.S.E.E. (Syracuse University); M.S. 
Field of Specialization: Electrical Engineering

Lynn Carroll Rogers, Lytton 
B.S. in M.E. (Purdue University); M.S. 
Dissertation: Bi-Normal Coordinates in Discrete Systems with Application to an Aircraft Shiny Problem 
Field of Specialization: Engineering Mechanics

James Lamar Ross, Chicago, Ill. 
B.S.Ed., M.A. (University of Georgia) 
Dissertation: Police and Protest: Attitudes and Perspectives in a Campus Disturbance 
Field of Specialization: Sociology

Charles Henry Rowell, Auburn, Ala. 
B.S. (Alabama Agricultural and Mechanical College); M.A. (University of Missouri) 
Dissertation: Afro-American Literary Bibliographies: An Annotated List of Bibliographical Guides for the Study of Afro-American Literature, Folklore and Related Areas 
Field of Specialization: English

Thomas Lee Sands, Columbus 
B.A., B.S.Ed., M.A. 
Dissertation: The Development of an Instructional Communication Analysis System 
Field of Specialization: Education

John Harvey Saylor, Van Wert 
B.S.Ed., M.A. 
Dissertation: Intelligence, Personality, and Demographic Correlates of Orientation and Mobility Skills, Personal-Social Skills and Vocational Skills of Blind Persons 
Field of Specialization: Education

Maurice Emanuel Scheetz, Lima 
B.A. (Ohio Wesleyan University); M.S. 
Dissertation: The Transfer of Tuberculin Sensitivity and Cytotoxicity against Tumor Cells to Human Peripheral Blood Lymphocytes Using Xenogeneic Ribonucleic Acid 
Field of Specialization: Microbiology

Sister Mary Rosita Schiller, Detroit 
B.S. (Mercy College); M.S. (Michigan State University) 
Dissertation: The Clinical Dietitian: Role Conscous of Dietitians and Physicians 
Field of Specialization: Home Economics

B.A. (David Lipscomb College); M.A. (Ohio University) 
Dissertation: An Analysis of Henry Drummond and His Rhetoric of Reconciliation 
Field of Specialization: Speech Communication

Howard Wayne Schuth, Columbus 
B.S., M.A. (Northwestern University) 
Dissertation: The College Milieu in the American Fiction Film with Emphasis on the Work of Mick Nichols: A Study in Relief Systems 
Field of Specialization: Speech Communication

Susan Jones Sears, Columbus 
B.S.Ed.; M.Educ. (University of Toledo) 
Dissertation: The Relationship between Sociodramatic Play and School Achievement of Second Grade Low Socioeconomic Status Black Children 
Field of Specialization: Education

Thomas Michael Seel, Glen Rock, N. J. 
B.A. (University of Connecticut); M.S. 
Dissertation: Erythrocyte Membrane Alterations and Associated Plasma Changes Induced by Plasmodium gallinaecae Infestation 
Field of Specialization: Microbiology

*David Winfield Short, Fort Lauderdale, Fla. 
B.S. in Met. E. (University of Pennsylvania) 
Dissertation: The Influence of Surface Charge and Surface Structure on the Sublimation of Ionic Crystals 
Field of Specialization: Metallurgical Engineering

*Also Master of Science, Graduate School
B.S. (Drexel Institute of Technology)
**Dissertation:** The Application of Magnetic Circular Dichroism to Transition Metal Complexes of Tetragonal Symmetry
**Field of Specialization:** Chemistry

William David Siegfried, Chappaqua, N. Y.
B.A. (Trinity College); M.A. (C.W. Post College of Long Island University)
**Dissertation:** The Joint Effects of Item Favorability and Item Relevance on the Judgment of Employment Resumes under Three Instructional Conditions
**Field of Specialization:** Psychology

Meher Singh, Jammu-Tawi, India
B.V.Sc. and A.H. (Bihar University); M.V.Sc. (University of Bombay)
**Dissertation:** Effect of Prenatal Administration of Estrogen and Progesterone on the Reproductive Function in the Female Rat
**Field of Specialization:** Dairy Science

Marjory Joal Sjoberg, Minneapolis, Minn.
B.A. (University of Minnesota); A.M. (Columbia University)
**Dissertation:** Turkish Loanwords in the Language of Aleksa Santic
**Field of Specialization:** Slavic Languages and Literatures

Fiona Jane MacKinnon Slaney, Granville
B.A. (Denison University); M.S. in Ed. (University of Bridgeport)
**Dissertation:** Some Correlates of Achievement Motivation in Women in Student Personnel Work
**Field of Specialization:** Education

Michael Todd Smallwood, Minerva
B.A. (College of Wooster); M.A.
**Dissertation:** The Failure of Prime Minister Schwarzenberg's Land Policies: A Re-evaluation of the Olmuts and Dresden Conferences
**Field of Specialization:** History

Marjory Diz Smith, Worthington
B.S. Phar.
**Dissertation:** The Development of an Amperometric Method of Measuring NADH-Coupled Enzyme Concentrations Using Bindschedler's Green
**Field of Specialization:** Pharmacy

Margaret Frisbee Sommer, Columbus
B.A. (William Smith College); M.A. (University of Maine)
**Dissertation:** The Ohio State Bar Association: The First Generation, 1880-1912
**Field of Specialization:** History

B.A. (Rockhurst College); M.A.
**Dissertation:** A Follow-Up Study of Graduates of Selected Training Programs in Educational Research
**Field of Specialization:** Education

Michael Sheppard Speer, Indiana, Miss.
B.A. (University of the South)
**Dissertation:** Urbanization and Reform: Columbus, Ohio, 1870-1960
**Field of Specialization:** History

Harold Walter Squire, Columbus
B.A. (Grinnell College); M.B.A.
**Dissertation:** A Theory of Dual Allocation of Overhead
**Field of Specialization:** Business Administration

Ajit Kumar Srivastava, Nainital, India
B.Sc. (United Provinces Agricultural University, India); M.S. (Rutgers University)
**Dissertation:** Grain-Straw Separation in a Centrifugal Force Field
**Field of Specialization:** Agricultural Engineering

Joseph Ray Steiner, Bluffton
B.S. (Bluffton College); M.S.W. (University of Pennsylvania)
**Dissertation:** The Effect of Family-Centered Versus Wife-Centered Obstetrical Care upon Family Life
**Field of Specialization:** Social Work

Brian Sterntal, Montreal, Que., Canada
B.Sc. (McGill University); M.A.
**Dissertation:** Persuasion and the Mass Communication Process
**Field of Specialization:** Business Administration

Frank Donald Stull, Olean, N. Y.
B.M.E. (Rensselaer Polytechnic Institute); M.S.
**Dissertation:** Investigation of Ribbed Diffusers
**Field of Specialization:** Mechanical Engineering

Edward Eugene Swingler, Mt. Vernon
B.A., M.A.
**Dissertation:** The Nature of Sentential Bonds and Their Relationship to Recognition and Recall
**Field of Specialization:** Speech Communication

Donald Stanley Tompkins, Brooklyn, N. Y.
B.A. (Brooklyn College); M.A.
**Dissertation:** Group Effectiveness as a Function of Leadership Style Moderated by Stage of Group Development
**Field of Specialization:** Psychology

Billy James Vice, Lexington, Ky.
B.S.Agr. (Berea College); M.S.Ed. (University of Kentucky)
**Dissertation:** Variables Related to Continuing Agricultural Education in Kentucky Schools
**Field of Specialization:** Agricultural Education

Robert John VonGrusenigen, Don Mills, Ont., Canada
B.Mus. (Heidelberg College); M.P.A. (Ohio University)
**Dissertation:** Programed Instruction in Clarinet Pedagogy: A Feasibility Study
**Field of Specialization:** Music

Joseph Richard Votano, Lawrence, Mass.
B.S. (University of Massachusetts)
**Dissertation:** The Structural Study of the Hexagonal Phase of Single Crystals of Deuterium
**Field of Specialization:** Chemistry

Jerry Phillip Walker, Columbus
B.S., M.S. (Colorado State University)
**Dissertation:** An Analysis of Differential Perceptions toward Educational Research and Development Held by Professional Staff Members of Research and Development Centers and Development Laboratories
**Field of Specialization:** Education
Roger Peyton Wallins, New York, N.Y.
A.B. (City College of New York); M.A.
Dissertation: The Emerging Victorian Social Conscience
Field of Specialization: English

David Moulton Walton, Lakewood
A.B. (Stanford University); M.A.
Dissertation: Inter- and Intra-Species Social Attraction in Rodents: Four Experiments
Field of Specialization: Psychology

Wayne Jacob Astor Walton, Jr., St. Paul, Minn.
A.B. (Drury College); M.S. (University of Arizona)
Dissertation: Phase Equilibrium in the System Mg₃(PO₄)₂-Ca₃(PO₄)₂-Mg₃SiO₅(Farringtonite-Whitlockite-Forsterite) at One Atmosphere Pressure
Field of Specialization: Mineralogy

Ming Tsung Wang, Taipei, Taiwan
M.S. (Virginia Polytechnic Institute)
Dissertation: Stress Corrosion Cracking in High Strength Steels
Field of Specialization: Metallurgical Engineering

Joseph L. Watras, II, Honolulu, Hawaii
A.B. (Boston University); M.Ed. (University of Hawaii)
Dissertation: Sedation under Glass: A Study of Ideology in Education
Field of Specialization: Education

John Wilson Weatherford, Athens, Ga.
B.A.Ed. (East Central State College); M.S. (Oklahoma State University)
Dissertation: Identification and Analysis of the Current Issues in Distributive Education
Field of Specialization: Education

Michael Weatherly, Columbus
B.A. (Stephen F. Austin State College); M.A. (Bowling Green State University)
Dissertation: The Comparative Communicative Power of Channels in the Dissemination of Information
Field of Specialization: Speech Communication

Mary Johnson Wellington, Jaipur, India
B.A. (University of Lucknow); M.A. (George Peabody College for Teachers)
Dissertation: A Proposed Child Development Laboratory Program for Students and Parents in a College of Home Science in India
Field of Specialization: Home Economics

Lizette Islyn Westney, Columbus
B.A., M.A. (Howard University)
Dissertation: Erasmus's Parabolae Sive Similae: An English Translation with a Critical Introduction
Field of Specialization: English

B.A., M.A.T. (Jude University)
Dissertation: A Scheme for Evaluating the Audio-Tutorial Biology Laboratory in the Cognitive and Affective Domains
Field of Specialization: Education

Mary Lou Usery White, Columbus
B.S. in Edu. (University of Akron); M.S.Ed. (University of Wisconsin)
Dissertation: Structural Analysis of Children's Literature: Picture Storybooks
Field of Specialization: Education

Thelma Dennis White, Columbus
B.S.Ed., M.A.
Dissertation: Training Parents in a Group Situation to Use Behavior Modification Techniques to Reduce Frequency of Maladaptive Behavior in Their Learning Disabled Child
Field of Specialization: Psychology

Phoebe Amelia Wiencek, Buffalo Grove, III.
B.S. (Western Michigan College); M.S. (Northern Illinois University)
Dissertation: A Plan of Recommended Practices for the Operation of the Educational Placement Office at The Ohio State University
Field of Specialization: Education

A.B. (West Liberty State College); M.A. (West Virginia University)
Dissertation: Behavioral Approaches in Family Intervention
Field of Specialization: Education

David Edward Wilson, Lancaster
B.S. (Wittenberg College)
Dissertation: Nonanalytic Interactions in Scalar Quantum Field Theory: A Perturbation Treatment Using Functional Integration
Field of Specialization: Physics

Jerry Lee Wircenski, Columbus
B.S.Ed., M.A.
Dissertation: Career Aspirations of the Ninth and Tenth Grade Students in the South-Western City School District
Field of Specialization: Education

Rodney Ellis Wyse, Cedarville
A.B. (Wheaton College); M.B.A. (University of Arizona)
Dissertation: Attitudes of Selected Black and White College Business Administration Seniors toward Recruiters and the Recruiting Process
Field of Specialization: Business Administration

Gary Eugene Young, Shelby
B.S.Ed. (Ashtabula College); M.A.
Dissertation: Differential Predictive Validity of the American College Test (ACT) for Minority and Non-Minority Students
Field of Specialization: Education

Jiang Tsu Yu, Taipei, Taiwan
B.S. (National Taiwan University)
Dissertation: EPR of Rare-Earth Impurities in Single Crystals of ZnSe and CdS
Field of Specialization: Physics

Julius Y. K. Zake, Kampala, Uganda
B.S., M.S. (Michigan State University)
Dissertation: The Effect of Sulfur on the Yield and Quality of Finger Millet in Uganda
Field of Specialization: Agronomy

B.A. (Michigan State University); M.A.
Dissertation: Christoph Kress: Nürnberg's Foremost Reformation Diplomat
Field of Specialization: History
Master of Accounting
Two candidates

Harlan Allen Burns, Mansfield
B.S.Bus.Adm.
Field of Specialization: Accounting

Walter Kurt Schulz, Hamburg, Germany
Diplom (University of Munster)
Field of Specialization: Accounting

Master of Architecture
Five candidates

David Phillips Hutchison, Springfield
A.B. (Princeton University)
Field of Specialization: Architecture

Darold Dean Irvine, Grand Island, Neb.
B.Arch. (University of Nebraska)
Field of Specialization: Architecture

Siu-Chung Lau, Kowloon, Hong Kong
B.S. (Taiwan Cheng Kung University); B.Arch. (University of Oregon)
Field of Specialization: Architecture

Ronald James Trick, Columbus
B.Arch.
Field of Specialization: Architecture

Martin John Anastasi, Springfield
B.S.
Field of Specialization: Journalism

Margaret S. Andrews, Columbus
B.S. (College of the Ozarks)
Field of Specialization: Education

Jane Marilyn Angene, Bucyrus
B.S.Ed.
Field of Specialization: Education

Mohamed Sami Anwar, Cairo, Egypt
B.A. (Zin Shams University); M.A. (American University)
Field of Specialization: Linguistics

Walter Kurt Schulz, Hamburg, Germany
Diplom (University of Munster)
Field of Specialization: Accounting

Siu-Chung Lau, Kowloon, Hong Kong
B.S. (Taiwan Cheng Kung University); B.Arch. (University of Oregon)
Field of Specialization: Architecture

Master of Arts
Three hundred and twenty-five candidates

Jack Ronald Abe, Columbus
B.S.Ed.
Field of Specialization: Education

Violet Anselmini Allsin, Columbus
B.A. (Northeastern Illinois State College)
Field of Specialization: Political Science

Donald Gene Allen, Portage, Wis.
B.S. (Wisconsin State University)
Field of Specialization: Political Science

Rodney Wilder Allwood, Columbus
B.S.Ed.
Field of Specialization: Education

Jon Wayne Alquist, Dayton
B.A. (University of Arizona)
Field of Specialization: Journalism

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B.S.Ed.
Field of Specialization: Education

Robert Charles Sprague, Columbus
B.S.Ed.
Field of Specialization: Education

Janis Arlene Sparlock, Creswell, N.C.
B.A.Lib.Arts (University of Tennessee)
Field of Specialization: History of Art

Shirley Adams Stankosky, Jamestown, N. Y.
B.A. (State University College at Oswego)
Field of Specialization: Romance Languages

Diane Staunton Staples, Columbus
B.S. in Speech (Northwestern University)
Field of Specialization: Political Science

James Kail Stewart, Columbus
B.S.Ed.
Field of Specialization: Education

Michael James Stewart, Downey, Calif.
B.S. (California State Polytechnic College)
Field of Specialization: Physical Education

Mark Steven Stock, Canton
B.S. (Capital University)
Field of Specialization: Education

Kristina Sophia Stone, Reno, Nev.
B.A. (University of Nevada)
Field of Specialization: Philosophy

Jeri Lyn Studebaker, Springfield
B.A.
Field of Specialization: Anthropology

John Wilbert Suomela, Columbus
B.A. (University of Minnesota)
Field of Specialization: Economics

Linda Bercaw Sweazy, Columbus
B.Art.Ed.
Field of Specialization: Education

Philip Sheridan Sweeterman, Dayton
B.F.A.
Field of Specialization: Education

Marthalee E. Shaffer Thomas, Columbus
B.S.Ed.
Field of Specialization: Education

Jacquelyn Clare Tilton, Newark
B.S.Ed.
Field of Specialization: Education

Kathleen Maria Toth, Columbus
B.A.
Field of Specialization: Political Science

Elizabeth Simpson Tracy, Hillside, N. J.
B.A. (Wellesley College)
Field of Specialization: English

Jay Dean Tucker, Mansfield
B.S.Bus.Adm.
Field of Specialization: Economics

Bronda Burge Tudor, Columbus
B.S.Ed.
Field of Specialization: Education

Gale Blake Uhl, Fanwood, N. J.
B.A. (Miami University)
Field of Specialization: Psychology

Sharon Kay Uhl, Greenfield
B.A. (University of Kentucky)
Field of Specialization: Education

Anthony Joseph Vignola, Jr., Franklin Square, N. Y.
B.A. (Le Moyne College)
Field of Specialization: Economics

Pablo Virumbrales, Madrid, Spain
Licenciatura (Universidad de Madrid)
Field of Specialization: Romance Languages and Literatures

Lucille Rich Vita, Columbus
B.A. (Good Counsel College)
Field of Specialization: Education

Kathleen Marie Vogt, Akron
B.A.
Field of Specialization: English

Mary Louise Wagener, West Springfield, Mass.
B.A. (Marymount College)
Field of Specialization: History

Karen Beatty Waltz, Zanesville
B.Ed. (Murray State University)
Field of Specialization: Education

Sue Lynn Wanveer, Chey Chase, Md.
B.A. (University of Maryland)
Field of Specialization: Dance

Veronica Ware, Columbus
B.S.Ed.
Field of Specialization: Education

Mildred Bell Washington, Columbus
B.S.Ed.
Field of Specialization: Education

Theodore John Waters, Columbus
B.A.
Field of Specialization: Education

Cathy Ann Weaver, Columbus
B.A. (Wittenberg University)
Field of Specialization: Education

Alice McLellanah Webb, Columbus
B.A. (College of Wooster)
Field of Specialization: Romance Languages and Literatures

Marilyn Joyce Webb, Sioux City, Ia.
B.A. (Morningside College)
Field of Specialization: History
Elizabeth Salzgaber West, Columbus
A.B. (Auburn College)
Field of Specialization: Education

B.S. (United States Military Academy)
Field of Specialization: Business Administration

Sandra Jane White, Columbus
B.A., Jour.
Field of Specialization: Journalism

Rita Lucy Zawierucha, Buffalo, N. Y.
B.A. (St. Bonaventure University)
Field of Specialization: English

Holly Seminoff Zelasko,
Lincolnwood, Ill.
B.A. (University of Wisconsin at Madison)
Field of Specialization: Linguistics

Judith Eve Zohle, Morrisville, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Physical Education

Suzanne Zuckerman, Levittown, N. Y.
B.A. (Lake Forest College)
Field of Specialization: Linguistics

Master of Business Administration

Forty-two candidates

- Beverly Byler Anderson, West Liberty
  B.S.Bus. Adm., B.S.Ed.
  Field of Specialization: Business Administration

- Thomas Malcolm Barnes, Columbus
  B.S. (Pennsylvania State University)
  Field of Specialization: Business Administration

- John Barta, Jr., Bedford
  B.S.M.E.
  Field of Specialization: Business Administration

- Martin Earl Batross, Zanesville
  B.S.Bus.Adm.
  Field of Specialization: Business Administration

- Dennis Alden Brown, Norwalk
  B.S.Ed.
  Field of Specialization: Business Administration

- Robert Virlyn Byrd, Columbus
  B.E.E., M.S.
  Field of Specialization: Business Administration

- William Charles Carr, Columbus
  B.S. (United States Coast Guard Academy)
  Field of Specialization: Business Administration

- James Edward Dillon, Canton
  B.S. (Carnegie-Mellon University)
  Field of Specialization: Business Administration

- James Henry Ehlers, Fort Myers, Fla.
  B.S. (Florida State University)
  Field of Specialization: Business Administration

- Stanley Robert Jewell, Columbus
  B.E.E.
  Field of Specialization: Business Administration

- Gary E. Jung, Cincinnati
  B.S. (Saint Joseph's College)
  Field of Specialization: Business Administration

- John Joseph Kelly, Fairborn
  B.S. (United States Naval Academy); M.S. (Rensselaer Polytechnic Institute)
  Field of Specialization: Business Administration

- Allen Peter Krukowski, Cleveland
  B.S.M.E.
  Field of Specialization: Business Administration

* Also Doctor of Philosophy, Graduate School

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Donald William LaJevic, Columbus
B.S. (California State College, Pennsylvania); B.S.Bus.Adm.
Field of Specialization: Business Administration

David Michael Lemons, Huntington, W. Va.
B.S. (Marshall University)
Field of Specialization: Business Administration

Richard Dale Maron, Huntington, W. Va.
B.S. (Marshall University)
Field of Specialization: Business Administration

Dana Monas Marshall, Columbus
B.S. (Case Western Reserve University)
Field of Specialization: Business Administration

Aloysius Leonard Mikolaius, Fairborn
B.S.M.E. (Case Institute of Technology)
Field of Specialization: Business Administration

Lawrence Lee Mills, Jonesboro, Ark.
B.S. (Oklahoma State University)
Field of Specialization: Business Administration

Thomas Howard Rutherford, Columbus
B.S.
Field of Specialization: Business Administration

Vijay Vishwanath Sathe, Baroda, India
B.E. (University of Poona, India); M.S. (University of Wisconsin, Madison)
Field of Specialization: Business Administration

David Edward Schuster, Columbus
B.S. (Michigan College of Mining and Technology)
Field of Specialization: Business Administration

Richard D. Selts, Westerville
B.A. (Wittenberg University)
Field of Specialization: Business Administration

Mark John Sever, Dayton
B.S.M.E.
Field of Specialization: Business Administration

Lawrence Jay Shoemaker, Cridersville
B.S.Bus.Adm.
Field of Specialization: Business Administration

Marvin Anthony Stillich, Dayton
B.Aero.E. (University of Detroit)
Field of Specialization: Business Administration

John Patrick Sullivan, Fort Lee, Va.
B.S. (NS) (Niagara University)
Field of Specialization: Business Administration

Dwight Frank Thompson, Ashubula
B.S.
Field of Specialization: Business Administration

Kenneth Paul Thurston, Dayton
B.S.Bus.Adm.
Field of Specialization: Business Administration

James Riley Tucker, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

William D. Turner, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Keith Edward Wier, Columbus
B.S. (Purdue University); M.S. in Phy. (Illinois Institute of Technology)
Field of Specialization: Business Administration

Master of City Planning

Twelve candidates

Michael Alexis Anikeeff, Akron
A.B. (University of California at Berkeley)
Field of Specialization: City and Regional Planning

Robert Morris Duncan, Columbus
B.S. (University of Kentucky)
Field of Specialization: City and Regional Planning

Steven Lewis Fink, Redmond, Wash.
A.B. (Whitman College)
Field of Specialization: City and Regional Planning

Lawrence Edward Helman, Columbus
B.S.Bus.Adm.
Field of Specialization: City and Regional Planning

Denton Stilwell Hopper, Hudson, N. Y.
A.B. (Culgate University)
Field of Specialization: City and Regional Planning

Ralph David Jacobson, Malaga, N. J.
B.S. (Albright College)
Field of Specialization: City and Regional Planning

John Daniel Jancewski, Wilmington, Del.
B.A. (Western Maryland College)
Field of Specialization: City and Regional Planning

B.A. (Tulane University)
Field of Specialization: City and Regional Planning

James Charles Tracy, Columbus
B.A.
Field of Specialization: City and Regional Planning

Charles Alexander Turner, III, Columbus
B.A.
Field of Specialization: City and Regional Planning

Howard Davis Williams, North Hollywood, Calif.
B.S. (University of Utah)
Field of Specialization: City and Regional Planning

Master of Fine Arts

Eleven candidates

Warren Otis Angle, Columbus
B.S. (Manchester College)
Field of Specialization: Fine Arts (Sculpture)

James Rahston Clark, Columbus
B.F.A.
Field of Specialization: Fine Arts (Ceramics)
Master of Public Administration
Ten candidates

Gerald Wayne Borin, Cincinnati
B.A.
Field of Specialization: Public Administration

Vincent Arthur Bora, Jr., Cincinnati
B.A. (Alma College)
Field of Specialization: Public Administration

Don Louis Brown, Jr., Columbus
B.A.
Field of Specialization: Public Administration

James Louis Falter, Huron
B.S.Ed.
Field of Specialization: Public Administration

Paul Edward Goggin, Oxford
B.A. (Miami University)
Field of Specialization: Public Administration

Dale Lynn McGirr, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration

Richard Paul Seiter, New Bloomington
B.S.Bus.Adm.
Field of Specialization: Public Administration

Marianne Wise, Columbus
A.B. (Ohio University)
Field of Specialization: Public Administration

B.A. (Michigan State University)
Field of Specialization: Public Administration

Master of Science
Two hundred and fifty candidates

Glenn Robert Abke, Luckey
B.S.Agr.
Field of Specialization: Agricultural Education

Benjamin Adu-Amankwa, Zongo, Ghana
B.Sc. (University of Science and Technology)
Field of Specialization: Chemical Engineering

Jan Alexander Aitken, Fond Du Lac, Wis.
B.A. (Lawrence University)
Field of Specialization: Computer and Information Science

John Edward Allahand, Trevose, Pa.
B.S. (Moravian College)
Field of Specialization: Mathematics

Lynn Carol Allen, Columbus
Field of Specialization: Allied Medicine

Roy Wayne Andrews, Enterprise, Ala.
D.M.D. (University of Alabama)
Field of Specialization: Dentistry

William Henry Andrews, III, Cleveland
B.A. (Central State College)
Field of Specialization: Allied Medicine

Christine Adella Apple, Columbus
B.S. (Capital University)
Field of Specialization: Zoology

Ralph Wilson Aumick, Columbus
B.S.Agr.
Field of Specialization: Horticulture
Walter George Baety, III, Columbus
B.S. (Arizona State University)
Field of Specialization: Physiological Chemistry

Jack Towler Bauguss, Jr., Concord, Tenn.
D.D.S. (University of Tennessee)
Field of Specialization: Dentistry

*Charles David Beecher, Louisville, Ky.
Field of Specialization: Electrical Engineering

Susan Beggs, Houston, Tex.
B.A. (Baylor University); M.P.H. (University of Texas)
Field of Specialization: Preventive Medicine

Robert Alan Bell, Columbus
B.S.Agr.E.
Field of Specialization: Agricultural Engineering

Harry Alan Bernheim,
South Orange, N. J.
B.S.
Field of Specialization: Zoology

Robert Kablach Bilous, Erie, Pa.
B.S. (Indiana University of Pennsylvania)
Field of Specialization: Home Economics

Jessie Lee Blair, Columbus
B.S. (Otterbein College)
Field of Specialization: Computer and Information Science

Pamela Disken Bombach, Dayton
B.S. Nurs.
Field of Specialization: Nursing

Carolyn Ray Boone, Columbus
B.A. (Siena College)
Field of Specialization: Mathematics

Gary Lynn Bowen, Beach City
B.S.M.E. (University of Cincinnati)
Field of Specialization: Mechanical Engineering

Randall Lee Braddock, Columbus
B.A. (DePauw University); M.D.
Field of Specialization: Physical Medicine

Chester Howard Bradeen,
North Andover, Mass.
B.A. (Northfield Hawthorne College); M.A. (Northern Arizona University)
Field of Specialization: Preventive Medicine

Edward John Bradel, Sewickley, Pa.
B.S. (Otterbein College)
Field of Specialization: Pathology

Renald James Briggs, Frankfurt
B.S.I.E.
Field of Specialization: Industrial Engineering

Thomas V. Briggs, Bellefontaine
B.S. (Ohio University)
Field of Specialization: Botany

Mark Maxwell Bundy, Cleveland
B.S.
Field of Specialization: Zoology

Mable Louise Burns, Detroit, Mich.
B.S. (Wayne State University)
Field of Specialization: Allied Medicine

Curtis Deen Buttorff, Englewood, Colo.
B.A. (Colorado College)
Field of Specialization: Computer and Information Science

Kathleen Rohrs Byrne, Bowling Green
B.S.Nurs.
Field of Specialization: Nursing

Kanai Kanti Chakravarti,
Agartala, India
B.Sc. (Burdwan Raj College); M.Sc. (Calcutta University)
Field of Specialization: Mathematics

Chu-Nan Chang, Ta-Yuan.
China
B.S. (National Taiwan Normal University)
Field of Specialization: Physics

Luc-hai Chang, New York, N.Y.
B.A. (National Taiwan Normal University)
Field of Specialization: Zoology

Ming Jen Wu Chang, Taipei, Taiwan
B.S. (National Taiwan Normal University)
Field of Specialization: Chemistry

Te Lung Chang, Chung-Ho, Taiwan
B.S. (National Taiwan University); M.A. (Indiana University)
Field of Specialization: Computer and Information Science

Yoon Sam Chang, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Physics

Charles Chang Chao, Taipei, Taiwan
B.S. (Taipei Provincial Cheng Kung University)
Field of Specialization: Civil Engineering

Pichien Charoenkolakit,
Bangkok, Thailand
B.E. (Chulalongkorn University)
Field of Specialization: Civil Engineering

Mary Elizabeth Collins, Cincinnati
B.S. (Ohio University)
Field of Specialization: Home Economics

Alan Robert Cory, Columbus
B.E.E.
Field of Specialization: Electrical Engineering

John Benjamin Cosgray, Columbus
B.S.E.
Field of Specialization: Industrial Engineering

Carl Joseph Cron, Columbus
B.Met.E.
Field of Specialization: Metallurgical Engineering

Michael Anthony Curran, Bellaire
B.Ch.E.
Field of Specialization: Chemical Engineering

Richard Joseph Dafer, Columbus
B.S. Food Tech.
Field of Specialization: Horticulture

Robert Edwin Daley, Columbus
B.S.
Field of Specialization: Anatomy

Thomas Henry Dalrymple, Mt. Gilead
B.S.M.E.
Field of Specialization: Mechanical Engineering

Hari Kant Dave, Kanpur, India
B.Tech. (Indian Institute of Technology)
Field of Specialization: Electrical Engineering

Robert Neil Dearth, Beverly
B.S.Agr.
Field of Specialization: Animal Science

Kwamena Gyakye deGraft-Johnson, Accra, Ghana
B.E.E.
Field of Specialization: Electrical Engineering

Pierre Sylvestre Del Prato, Columbus
B.Pharmacy (University of Southern California)
Field of Specialization: Pharmacy

Maria Iracema De Sa, Fortaleza, Brazil
B.S.H.Ec. (University of Arizona)
Field of Specialization: Home Economics

* Also Bachelor of Electrical Engineering, College of Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>University/College</th>
<th>Field of Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jean-Paul Descoteaux</td>
<td>St. Hyacinthe, Que., Canada</td>
<td>Medicine</td>
</tr>
<tr>
<td>Arnold Harry Douchman</td>
<td>Akron</td>
<td>Nuclear Engineering</td>
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<td>Larry Wilmer Dodds</td>
<td>Bellefontaine</td>
<td>Agricultural Education</td>
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<td>Roger Dean Drummond</td>
<td>Columbus</td>
<td>Electrical Engineering</td>
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<td>Thomas Marvin Dubin</td>
<td>Dayton</td>
<td>Biochemistry</td>
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<td>Thomas Edward Duvall</td>
<td>Dayton</td>
<td>Allied Medicine</td>
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<td>Andrew George Earnest</td>
<td>Dover</td>
<td>Mathematics</td>
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<tr>
<td>Donald Lawrence Eby</td>
<td>West Salem</td>
<td>Dairy Science</td>
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<td>John Michael Ellinger</td>
<td>Logan</td>
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<td>Bruce William Elliott</td>
<td>Cleveland Heights</td>
<td>Microbiology</td>
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<td>Dawn Claire Elton</td>
<td>North Bergen, N.J.</td>
<td>Mathematics</td>
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<td>Tadayoshi Enomoto</td>
<td>Saitama, Japan</td>
<td>Electrical Engineering</td>
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<td>Jeanne Marie Erickson</td>
<td>Columbus</td>
<td>Microbiology</td>
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<td>Jeffrey Elmer Fagerstrom</td>
<td>Ashtabula</td>
<td>Dentistry</td>
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<td>Ralph Gordon Fennell</td>
<td>Sandy Lake, Pa.</td>
<td>Preventive Medicine</td>
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<td>Marie Agnes Fleeor</td>
<td>Zanesville</td>
<td>Medical Microbiology</td>
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<td>Robert Lewis Folger</td>
<td>Bethel</td>
<td>Mechanical Engineering</td>
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<td>Douglas John Forsyth</td>
<td>Manotick, Ont., Canada</td>
<td>Dairy Science</td>
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<td>Yashvantrao Ratilal Fodar</td>
<td>Jamnagar, India</td>
<td>Zoology</td>
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<td>James Ray Freeburg</td>
<td>Kewanee, Ill.</td>
<td>Electrical Engineering</td>
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<td>Norman Dudley Fulton</td>
<td>Fairborn</td>
<td>Physics</td>
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<tr>
<td>Ivan Garcia-Mareno</td>
<td>Managua, Nicaragua</td>
<td>Computer and Information Science</td>
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<tr>
<td>Ivan Garcia-Mareno</td>
<td>Managua, Nicaragua</td>
<td>Agricultural Economics</td>
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<tr>
<td>Michael Gelsie</td>
<td>North East, Pa.</td>
<td>Electrical Engineering</td>
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<tr>
<td>Roger Frederick Genter</td>
<td>Napoleon</td>
<td>Agricultural Education</td>
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<td>Susanna Maria Ginali</td>
<td>Chicago, Ill.</td>
<td>Computer and Information Science</td>
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<td>Chapman Patrick Gleason</td>
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<td>Mathematics</td>
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<td>Joseph Anthony Gillem</td>
<td>Charles City, Ia.</td>
<td>Computer and Information Science</td>
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<tr>
<td>Alfons Gonzalez-Finat</td>
<td>Madrid, Spain</td>
<td>Civil Engineering</td>
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<tr>
<td>Sivasithampararn Gopalapillai</td>
<td>Jaffna, Ceylon</td>
<td>Geodetic Science</td>
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<td>Tayseer Abdel Latif Gouda</td>
<td>Alexandria, Egypt</td>
<td>Pharmacy</td>
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<td>Jeffrey Lee Grandison</td>
<td>Uhrichsville</td>
<td>Natural Resources</td>
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<td>Elizabeth Crompton Granger</td>
<td>Circleville</td>
<td>Home Economics</td>
</tr>
<tr>
<td>Michael Howard Greenberg</td>
<td>South Euclid</td>
<td>Electrical Engineering</td>
</tr>
</tbody>
</table>

* Roger Frederick Genter, Napoleon
* Susanna Maria Ginali, Chicago, Ill.
* Chapman Patrick Gleason, Mansfield, Pa.
* Joseph Anthony Gillem, Charles City, Ia.
* Alfons Gonzalez-Finat, Madrid, Spain
* Sivasithampararn Gopalapillai, Jaffna, Ceylon
* Tayseer Abdel Latif Gouda, Alexandria, Egypt
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* Alfons Gonzalez-Finat, Madrid, Spain
* Sivasithampararn Gopalapillai, Jaffna, Ceylon
* Tayseer Abdel Latif Gouda, Alexandria, Egypt
* Jeffrey Lee Grandison, Uhrichsville
* Elizabeth Crompton Granger, Circleville
* Michael Howard Greenberg, South Euclid
Brian Keith Hajek, Columbus
B.S., B.A. (Otterbein College) Field of Specialization: Nuclear Engineering

Robert David Hall, Hot Springs, Ark. R.S., D.V.M. (Oklahoma State University) Field of Specialization: Veterinary Medicine

Jack Harvey Hamilton, Columbus B.S. Field of Specialization: Zoology

Hillyard Rex Hartson, Columbus B.S.E., M.S.E. (University of Michigan) Field of Specialization: Computer and Information Science

Louis John Haskell, Columbus B.S. (University of Kentucky) Field of Specialization: Electrical Engineering

Paul Robert Heller, Wooster B.A. (Malone College) Field of Specialization: Entomology

John Robert Hellert, Middletown, N. Y. B.S. (Capital University) Field of Specialization: Geology

Maxine Ogino Henne, Seattle, Wash. B.S. Field of Specialization: Mathematics

Rex David Henne, Youngstown, N. Y. B.S. (Purdue University) Field of Specialization: Mathematics

Mahlon Henstand, Denver, Colo. B.S. (Colorado State University); M.D. (University of Colorado) Field of Specialization: Preventive Medicine

Michael Charles Hilgeman, Loveland B.S.C.E. Field of Specialization: Civil Engineering

Roger Lewis Hothem, East Sparta B.S. Field of Specialization: Natural Resources

William Eugene Hudson, Columbus B.S.Agr. Field of Specialization: Agricultural Education

Agnes Yoet-Yin Hui, Hong Kong A.B. (Smith College) Field of Specialization: Mathematics

Paul Lester Hunt, Portersville, Pa. B.S. (Geneva College) Field of Specialization: Electrical Engineering

Bruce Carroll Huntzinger, Sandusky B.E.E. Field of Specialization: Electrical Engineering

Ronald Richard Jackups, Brooklyn, N. Y. B.S. (Le Moyne College) Field of Specialization: Electrical Engineering

Linda Therese Janchar, Barberton B.S.H.Ec. (Notre Dame College) Field of Specialization: Allied Medicine

James Robert Jansen, North Olmsted B.S.Pharm. (University of Toledo) Field of Specialization: Pharmacy

Charles Scott Joublanc, Columbus B.C.E. Field of Specialization: Chemical Engineering

Ajitkumar Chandrakant Kadakia, Dohad, India B.E. (Sardar Patel University) Field of Specialization: Electrical Engineering

Donald David Kalinowski, Cleveland B.S. (University of Dayton) Field of Specialization: Mineralogy

Naresh Kumar Kapoor, Bombay, India B.Tech. (Indian Institute of Technology) Field of Specialization: Electrical Engineering

Subodhna Naresh Kapoor, Bombay, India B.Tech. (Indian Institute of Technology) Field of Specialization: Electrical Engineering


William Philip Keenan, Bellerose, N. Y. B.A. (Queens College, N. Y.) Field of Specialization: Mathematics

William Robert Kerr, Kettering B.S.M.E. (Carnegie Institute of Technology) Field of Specialization: Metallurgical Engineering

Myung King, Taipei, Taiwan B.S. (Taiwan Christian College) Field of Specialization: Nuclear Engineering

Donald Stuart Kitain, Dayton A.B. (Indiana University) Field of Specialization: Zoology

Robert Floyd Knapp, Cleveland Heights B.E.E. Field of Specialization: Electrical Engineering

Duane Carl Knauer, Sandusky B.I.E. Field of Specialization: Industrial Engineering

James Raymond Knight, Columbus B.S.Pharm. Field of Specialization: Pharmacy

Ronald Charles Kowalka, Columbus B.S.Agr. Field of Specialization: Agricultural Education

Donald Robert Krahn, Seymour, Wis. B.A. (Saint Olaf College) Field of Specialization: Physics

Melanie Jean Kriebbaum, Galion B.S. (Capital University) Field of Specialization: Microbiology

* Roger Ellis Kaseski, Patakala Field of Specialization: Electrical Engineering

Jero Thomas Kyle, Columbus B.S.E.E. Field of Specialization: Electrical Engineering

Grahame Jeffrey Larson, Delaware B.A. (Ohio Wesleyan University) Field of Specialization: Geology

Bettina Suzanne Lee, Columbus B.S.Soc.Wel. Field of Specialization: Home Economics

* Also Bachelor of Electrical Engineering, College of Engineering

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*Deane Wing Lee, Columbus
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Irene Zai Lee, Hong Kong
B.S. (Sir George Williams University)
Field of Specialization: Statistics
John Howard LeFever, Whitfill, Calif.
A.B. (Occidental College)
Field of Specialization: Mathematics
Daniel Jay Levine, Brooklyn, N. Y.
B.A. (City College of New York)
Field of Specialization: Civil Engineering
Yue Jee Lin, Hsin-Chu, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Genetics
Ruichen Liu, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Physics
Robert Michael Lukens, London
B.E.E.
Field of Specialization: Electrical Engineering
Robert Marshall Lyons, Chandlerville
B.S.Agr.
Field of Specialization: Agricultural Education
Gail Eileen Mallard, North Canton
B.A. (Ohio Wesleyan University)
Field of Specialization: Microbiology
Dennis Paul Markiewicz, Dearborn, Mich.
B.A. (Michigan State University)
Field of Specialization: Allied Medicine
B.S. (Worcester Polytechnic Institute)
Field of Specialization: Mathematics
Phyllis Marie Marshall, B.S.Ed., (Clarion State College)
Field of Specialization: Mathematics
Martha Porterfield McBurney, St. Clairsville
B.S.H.E.
Field of Specialization: Home Economics
Roderic Keith McCall, Springfield, Va.
B.S. (Virginia Polytechnic Institute)
Field of Specialization: Industrial Engineering

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<td>Jabar Singh, Rajasthan, India</td>
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<td>Field of Specialization: Veterinary Medicine</td>
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<tr>
<td>Janet Sue Skinner, Carlsbad, N.J.</td>
<td>B.S.</td>
<td>B.S. in M.E.</td>
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<td>Field of Specialization: Veterinary Medicine</td>
<td>Field of Specialization: Veterinary Medicine</td>
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<td>Susan Baranovic Slanick, Garfield Heights</td>
<td>B.S.</td>
<td>B.S. in M.E.</td>
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<td>Field of Specialization: Mathematics</td>
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<tr>
<td>Ronald Blaine Smart, Youngstown</td>
<td>B.S.</td>
<td>B.S. in M.E.</td>
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<td>Field of Specialization: Veterinary Medicine</td>
<td>Field of Specialization: Veterinary Medicine</td>
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</table>

1 Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
2 Also Bachelor of Electrical Engineering, College of Engineering
3 Also Bachelor of Civil Engineering, College of Engineering
4 Also Doctor of Optometry, College of Optometry
5 Also Doctor of Philosophy, Graduate School
Leonard Barry Smith,
Calgary, Alta., Canada
D.D.S. (University of Alberta)
Field of Specialization: Dentistry

Ruth Marie Smith, Sherrodsville
B.S. (Wittenberg University)
Field of Specialization: Horticulture

Theodore MacDonal Smith, Columbus
B.S. (Rose Polytechnic Institute)
Field of Specialization: Mathematics

Yoon Soo Song, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Chemical Engineering

Pedro Alfredo Sors-Schwieger,
Caracas, Venezuela
B.S. (Miami University)
Field of Specialization: Aeronautical and Astronautical Engineering

Richard Arthur Springman, Marietta
B.M.E.
Field of Specialization: Mechanical Engineering

Melville Cornelie Stewart, II, Columbus
B.S.E. (E.E.), B.S.E. (M.E.)
Field of Specialization: Aeronautical and Astronautical Engineering

James Ivan Stitzlein, Columbus
B.S. Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

William Thomas Stockhausen,
Green Springs, Fla.
B.Engr. (Johns Hopkins University); B.S.Civ. Engr. (University of Missouri)
Field of Specialization: Geodetic Science

John Edward Svenson, Akron
B.M.E.
Field of Specialization: Mechanical Engineering

David Samuel Takach, North Lima
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering

Daniel Robert Thielem, Racine, Wis.
B.S. (Dominican College, Wisconsin)
Field of Specialization: Chemistry

Robert Reedy Thornberry,
Lexington, Ky.
B.S. (Morehead State College)
Field of Specialization: Allied Medicine

Josephine Ellen Wargo, Caldwell
R.S.
Field of Specialization: Natural Resources

Steven Edward Weisbrod,
V.M.D. (University of Pennsylvania)
Field of Specialization: Veterinary Pathology

William Philip Whalen, Lima
B.A.
Field of Specialization: Mathematics

Ruth Walter, Columbus
B.S.
Field of Specialization: Horticulture

Paul Tiling Renn Wang,
Taiwan, Taiwan
B.S. (Chen Kung University)
Field of Specialization: Computer and Information Science
Sixty-two candidates

Rooslyn Latham Appleman, Pickerington
Field of Specialization: Social Work

Lowrie Drucella Barnes, Cincinnati
B.S.Ed. (University of Cincinnati)
Field of Specialization: Social Work

Alice Louise Bauer, Toledo
A.B. (Ohio University)
Field of Specialization: Social Work

Linda Rhoads Beal, Mansfield
B.A. (Ashland College)
Field of Specialization: Social Work

Marcella June Berger, Anuna, Ia.
B.A. (State University of Iowa)
Field of Specialization: Social Work

Joseph Bartholomew Borgo, Columbus
B.A.
Field of Specialization: Social Work

Linda Louise Horton Boyd, Cincinnati
B.A. (Baldwin-Wallace College)
Field of Specialization: Social Work

Jacqueline Roberts Smith Bray, Columbus
B.A. (Wittenberg University)
Field of Specialization: Social Work

Susan Marie Brown, Dayton
B.A. (Edgewood College)
Field of Specialization: Social Work

Beverly Gordon Buckland, Xenia
B.S.Soc. Wel.
Field of Specialization: Social Work

Marilyn Canturano, Rochester, N.Y.
B.S.Soc.Wel.
Field of Specialization: Social Work

James Byron Carruth, Holland
B.S.Soc.Wel.
Field of Specialization: Social Work

Mary Margaret Claunch, Denver, Colo.
B.A. (Wake Forest College); M.Div. (Southeastern Baptist Theological Seminary)
Field of Specialization: Social Work

Michael Vernon Fair, Delaware
B.S.
Field of Specialization: Social Work

Joan Kathryn Francis, Columbus
A.B. (Ohio University)
Field of Specialization: Social Work

Daniel Joseph Feline, Lovelitille
A.B. (Youngstown State University)
Field of Specialization: Social Work

James Wilfred Gaidry, Youngstown
A.B. (Youngstown University)
Field of Specialization: Social Work

Ruth Einhorn Goodstein, Cincinnati
A.B. (Hunter College)
Field of Specialization: Social Work

Nancy Joan Higgins, Cincinnati
B.S. (Xavier University)
Field of Specialization: Social Work

Yin-Shu Sung Ho, Kowloon, Hong Kong
B.A. (Roosevelt University)
Field of Specialization: Social Work

Sally Jane Howley, Pittsburgh
B.A. (Pennsylvania State University)
Field of Specialization: Social Work

Robert Edward Hurley, Rhinebeck, N. Y.
B.A. (Saint Bonaventure University)
Field of Specialization: Social Work

Ellen Hawkins Kellem, Cincinnati
B.S.Soc.Wel.
Field of Specialization: Social Work

Elizabeth Katherine Kettn, Lincoln Park, N. J.
B.A. (Millikin University)
Field of Specialization: Social Work

David Drew Kittredge, New Canaan
B.A. (Hammer College)
Field of Specialization: Social Work

Erica Karp Klein, Evanston, Ill.
A.B. (University of Illinois)
Field of Specialization: Social Work

Margaret Ann Klein, Bethayres, Pa.
A.B. (Wellesley College)
Field of Specialization: Social Work

Caryn Kelbe Ladd, Atlanta, Ga.
A.B. (West Virginia University)
Field of Specialization: Social Work

Roberta Schultz Lane, Columbus
B.A. (Capital University)
Field of Specialization: Social Work

Jerrold Lee Lazarwitz, Hillsdie, N. J.
B.A. (Bloomfield College)
Field of Specialization: Social Work

Cynthia Larkby LeGailley, Cleveland
B.S.Soc.Wel.
Field of Specialization: Social Work

Cecile Hirsch Levenson Cincinnati
A.B. (University of Michigan)
Field of Specialization: Social Work

Linda Jo Loomis, Glenview, Ill.
B.A. (Purdue University)
Field of Specialization: Social Work

Claudia Coulton Lorish, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work

Dorothy Henzy Madden, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Linda Kernack Maslowski, Cincinnati
B.A. (Miami University)
Field of Specialization: Social Work

B.A. (West Virginia State College)
Field of Specialization: Social Work

Patricia Ann Morgan, Mullins, S. C.
B.A. (North Carolina College at Durham)
Field of Specialization: Social Work

Rebecca McNees Osborne, Scranton, Pa.
A.B. (Smith College)
Field of Specialization: Social Work

Paul Edward Patton, Jr., Clarksburg, W. Va.
B.A. (Marshall University)
Field of Specialization: Social Work

Joseph John Pascenzy, Newark
B.S.Soc.Wel.
Field of Specialization: Social Work

Barbara Jean Price, Damascus, Va.
B.S. (East Tennessee State University)
Field of Specialization: Social Work

Celia Maria Reid, Tiffin
A.B. (Heidelberg College)
Field of Specialization: Social Work

Norman Paul Richey, Malone, N. Y.
B.A. (LaMoyne College)
Field of Specialization: Social Work

Gloria Ann Rosenberg, Lexington, Ky.
B.S.Soc.Wel.
Field of Specialization: Social Work

Roberta Marilyn Sackman, Brooklyn, N. Y.
B.A. (Hunter College, New York)
Field of Specialization: Social Work

Richard Evans Schira, Solon
B.A. (Mount Union College)
Field of Specialization: Social Work

Judith Stock Shapiro, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Social Work
Carol Godofsky Singer, Columbus
B.A. (Indiana University)
Field of Specialization: Social Work

Robert Hobson Stroman, Grove City
A.B. (Bradley University)
Field of Specialization: Social Work

Louise Smith, Hamilton
B.S. (Miami University); B.Mus.
(Conservatory of Music of Cincinnati)
Field of Specialization: Social Work

Carol Marie Speck, Sebring
B.A. (Walsh College)
Field of Specialization: Social Work

Alexandra Cynyn Terry,
East Liverpool
B.S.Soc.Wel.
Field of Specialization: Social Work

William Joseph Timmons,
Wheeling, W. Va.
A.B. (West Liberty State College)
Field of Specialization: Social Work

Larry Douglas Tingley, Rockford
B.S.Agr.
Field of Specialization: Social Work

Phillis Kay Walls, Austin, Tex.
B.A. (Huston-Tillotson College)
Field of Specialization: Social Work

Elissa Shames Westman, Cincinnati
B.A. (University of Illinois)
Field of Specialization: Social Work

Elizabeth Torbert White,
Seattle, Wash.
B.S.Soc.Wel.
Field of Specialization: Social Work

Andrea Yvonne Matthews Whitehead,
Cincinnati
B.A. (Kentucky State College)
Field of Specialization: Social Work

Barbara Jean Wood, Barberton
B.A.
Field of Specialization: Social Work

Nancy Ellen Youkilis, Cincinnati
B.S.Soc.Wel.
Field of Specialization: Social Work
Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams
Vice Provost for the Arts and Sciences: Robert G. Arms

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

**College of The Arts**
Dean: Lee Rigsby

**College of Biological Sciences**
Dean: Richard Bohning

**College of Humanities**
Dean: Arthur E. Adams

**College of Mathematics and Physical Sciences**
Dean: Richard P. Goldthwait

**College of Social and Behavioral Sciences**
Dean: Franklin P. Kilpatrick

### Bachelor of Arts

Nineteen candidates

- Constance Elaine Albrink, Columbus
- Jacqueline Anne Alkire, Columbus
- Elizabeth Ann Arnold, New Philadelphia
- Michael Timothy Bostel, Columbus
- Virginia Ann Garwood, Columbus
- Lynn Cynthia Ginsburg, Skokie, Ill.
- Susan Kay Gottlieb, Zanesville
- Judith Elaine Green, Columbus
- Martin Earl Kaler, St. Louis
- Dale Warren Kistemaker, Columbus
- Karen Marie Lally, Columbus
- Barbara Ann Levine, Columbus
- Janet Elizabeth Macklin, Columbus
- Bette Sue McKeen, Columbus
- Ruth Anna Otto, Ottawa
- David Edward Patrick, Columbus
- Katherine Marie Reidel, Akron
- Jack Lawrence Skurvid, Medina
- Karol Ann Swanson, Dayton

### Bachelor of Fine Arts

Twenty-four candidates

1. Dannie Pembroke Adkins, Kettlersville

Margie Anita Albert, West Liberty
Curtis Munhall Beazle, Rocky River
Paul Douglas Brehm, Columbus
Ellen Carol Brown, Chevy Chase, Md.
Sandra Jean Burt, Columbus
William Ralph Bush, Jr., Columbus
Wilma Ann Carroll, Plain City
Deborah Ann Chilinski, Toledo
Thomas Vincent Creenan, Cuyahoga Falls
Carol Ann Crosby, Belleaire
Patricia Annette Dugger, Beebe, Ark.
Brenda Joyce Durrab, Cleveland
Dennis Ray Farneth, Columbus
James John Fiala, Cleveland
Marilyn Mary Foote, Cleveland
Lee Porter Garrett, Columbus
Terry Ellen Gonzales, Cincinnati
Margaret Michele Good, Columbus
Timothy William Gorman, Vermilion
Abbe Fisher Goslee, North Royalton
Helara Viveta Guibs, Columbus
Cynthia Lynne Hackman, Pittsburgh, Pa.
Stephen Dallam Harness, Columbus
Grace Ann Hatton, Novelty
Robert Scott Hazlett, Columbus
Ruth Elizabeth Heidtman, Shaker Heights
Bubette Lynn Jones, Marion
Arlene Lee Kaplan, Fresh Meadows, N. Y.
Mary Anne Kneuen, Columbus
Michael Maxwell Leavens, Columbus
Mary Jane Macley, Columbus
Gail Lynn Meece, Columbus
Gail Ellen Meyer, Holliswood, N. Y.
Robert John Neumann, Columbus
Gerald Newhouse, Worthington
Jean Caputo Peterson, Columbus
Gregory Michael Pfarr, Loveland
James Russell Pilbeam, Archbold B.A. Ed.
Michael Morrison Rainwater, Medina
Janice Elaick Rhue, Columbus
Harvey Allen Rickert, Jr., Youngstown
Susan Carol Riley, Berea
Janice Marie Rogers, Columbus
Marilyn June Sadler, Coshocton
Dianne Elaine Scholl, Greenville
Beth Ann Setzer, Orrville
Edward Francis Shalala, Rocky River
William Edward Shannon, Jr., Youngstown
Jennifer Jo Stoner, Greenville
June Marie Wayton, Toledo
Susan Chojnicki Weiss, Columbus

Barbara Lynn Wertheimer, Birmingham, Ala.
Carrington A. Williams, Opa Locka, Fla.
Jean Wisenbaugh, Berea

### Bachelor of Music

Fourteen candidates

- Tara Fay Alexander, Canton
- Jeffrey Lynn Allen, Marion
- Donald Richard Becker, Columbus
- Thomas Clifford Behrens, Columbus
- Robert John Chappell, Jr., North Olmsted
- Gail Davis, Cincinnati
- John Jay Evans, Elida
- Lorna Poling Frank, Columbus
- Eileen Marie Green, Trotwood
- Paula Elizabeth Kniifer, Mansfield
- Ralph David Wagnitz, Hudson
- Timothy Eric Wickerham, Sylvania
- Henry Seely Willard, Wellston
- Mary Harper Wooster, Columbus

### Bachelor of Art Education and Bachelor of Music Education

degree are offered jointly by the College of The Arts and the College of Education
Candidates are listed on pages 55 and 56

### Bachelor of Science in Industrial Design

Fifteen candidates

- David Franklin Ackerman, Columbus
- Michael Lewis Beams, Elida
- John David Bishop, Columbus
- Wendy Susan Clark, Columbus
- Michael Lee Goudy, Columbus
- Calvin Francis Hamrick, III, Columbus
- Ronald William Hanninen, Columbus
- Bruce Wayne Hyder, Spindale, N. C.

1. Also Bachelor of Art Education, College of Education
2. Also Bachelor of Music Education, College of Education

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Edward Ray Moore, Columbus
Roger Frederick Myers, Columbus
Roger Steve Pietrzyk, Chagrin Falls
Phillip Gregg Reed, Caldwell
Lora McWethy Stitzlein, Columbus
Charles Dechant Trexler, Columbus
Lonnie Arthur Whittington, North Olmsted

College of Biological Sciences
Dean: Richard Bohning

Bachelor of Arts
Thirteen candidates
Donald George Bronn, Columbus
William Steven Butterfield, Ada
George Franklin Calloway, Jr., Cincinnati
Edward Stephen Chapman, Columbus
Paul Alan Counts, Chillicothe
Rebecca Jean Ferguson, Eaton
Lynne Adair Hopkins, Columbus
Richard Patrick Kerivan, Delta
Robert Joseph Lawrence, Mamaroneck, N. Y.
William Arthur McKibben, Youngstown
James Michael Radecki, Toledo
John Martin Vining, Chillicothe
Craig Ernest Young, Columbus

Bachelor of Science
Two hundred and twenty-nine candidates
Thomas David Abernethy, Painesville
Diane Marie Adams, Xenia
Bruce Vickers Alden, Centerville
David Ralph Alexander, Warren
Thomas Craig Allmon, Carrollton
Patricia Anne Althouse, Dayton
Deanna Daniels Andras, Columbus
Lawrence Eugene Arrington, Columbus
Roger Gerald Aumann, Columbus
Stephen Austin Barr, Columbus
Arnold Harry Berger, Hicksville, N. Y.
Ira David Berger, Brooklyn, N. Y.
Carl Gary Berkowitz, Pittsburgh, Pa.
George Julius Biedert, Chagrin Falls
Robert Clayton Blake, II, Caldwell
Elena Mihaela Boeriu, Columbus
Edward Tharp Bope, Somerset
Richard John Brant, Parma
Michael Gerard Brown, Dayton
Michael Steven Brown, Columbus
Marie Lynelle Burleson, Canton
John Edward Buzzelli, Cleveland
Angel Ramon Cadiz, Orient
Raymond Lester Candage, Columbus
Karen Irene Casenhaser, Akron
Katherine Lynne Cech, Worthington
James Edward Chalfin, Columbus
John Arthur Cheek, Columbus
Catherine Marie Chimo, Port Clinton
Lynn C. Chrismer, Jr., Ashville
John Brian Chubb, Columbus
John Orazio Clemente, Troy, N. Y.
William Edward Clutter, Mason
James Paul Conde, Reedssville
Michael Scott Conner, Columbus
Regina Margaret Derita, Greenburg, Pa.
Mark Eli Deutchman, Akron
Leobert E. Devine, Barneveld
Barbara Jean Dixon, Englewood
Bonnie Muzonic Dixon, Columbus
Charles Randall Doan, Barnevville
Dennis Richard Dotson, Cincinnati
Frank Herbert Douce, Columbus
Richard Walton Douce, Springfield
Mary Ann Drum, Bryan
Robert Lyn Ducat, Poland
James H. Dumas, Jr., Bedford
Michael Herbert Erlich, Fairlawn, N. J.
Robert Alan Ewany, Seven Hills
James Edward Extepp, Columbus
Stephen Bri Evans, Columbus
William Eugene Evans, Jr., Huntington, W. Va.
Floyd Joseph Fantelli, Columbus
John Baptist Ferito, III, Euclid
Jerald Damian Ferrito, Grove City
Just Onecelo Pleitas, Ironton
Jeffrey Wayne Foltz, Columbus
Yvonne Kay Gardner, Fostoria
William Arthur Gazzinger, South Vienna
Joseph Anthony Geer, III, Columbus
Kenneth Mitchel George, Oregon
Rita Renee Gerber, Westerville
Linda Lee Gibson, Greenville
Janet Payne Gick, West Chester
Mark Scott Gilbert, Columbus
Harriet Leola Glaser, Great Neck, N. Y.
Gerald Neal Glickman, Youngstown
David Goldberger, Columbus
Robert Donald Gottschalk, Hudson
Leonard Greenwald, Baysville, N. Y.
Kurt Douglas Gridley, Columbus
Danny Claude Griffith, Columbus
Paul Thomas Griswold, Columbus
Gregory Alan Haban, Columbus
Richard Martin Hausermer, Middlefield
Nagako Hanahiro, Ginowan City, Okinawa
Gregory Allen Handwork, Mansfield
Craig Kurt Harris, Bryan
Ronald Anthony Havlice, Parma
David Edward Heisler, Columbus
Richard Lee Henninger, Brilliant
Leslie Ann Herman, Brecksville
Paul Warren Herr, Columbus
Kenneth Steven Hirsch, Cleveland Heights
James Huet Hitchcock, Columbus Station
Barbara Lynn Holberg, Cincinnati
Robert Walter Holmes, Columbus Grove
Jeffrey Lee House, Columbus
Allen Louis Huneke, Eaton
William Raymond Hunskaker, Kettering
William Stuart Ienstein, Toledo
Charles Virgil Jackson, Jr., Enon
Jeff Louis Jay, Canton
John Frank Jones, Dayton
Christine Ann Jordan, Columbus
Michael Joseph Joyce, Columbus
Sandy Allen Kahn, Cleveland
Robert Franklin Kepley, Columbus
William John Kibby, Columbus
Donna William Kirschbaum, Shaker Heights
Robert Scott Knorr, Harrington, N. J.
Robert Allen Korby, Burton
Lawrence Paul Koresko, Beachwood
Gary Donald Krueger, Rocky River
Thomas Howard Kuhn, Sandusky
Mary Catherine Kuhns, Hubbard
Michael Alexander Lafiuk, Parma
Gregory Bruce Lawther, North Ridgeville
Judith Medear Lebio, Columbus

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Harry Michael Lewis, Portsmouth
Harry Martin Lif, Bayside, N. Y.
Dana Ernest Limes, Columbus
David Eugene Lindsey, Kenton
Edward Erol Loftaspring, Cincinnati
Marc Nelson Louny, Warren
Dale Anderson Lundblad, Mentor
John Robert Lutz, St. Louis, Mo.
Ellen McDowell Lynch, Columbus
Gerald Francis Maginnity, Westerville
David Lee Marhow, Louisville
Susan Deardorff Markey, Columbus
Glenn David Martino, Greenville
Kathryn Lamb Marvin, Columbus
Janet Lynn Maryanski, Cuyahoga Falls
Joseph Martin Masterson, Girard
John Lewis Mauger, Jr., Bucyrus
Paul Wilson Maxim, Enon
John Albert McGuire, Columbus
LaAnn McKinney, Milford, N. J.
Christopher Allan Meacham, Pleasant City
Joseph Arden Meacham, Pleasant City
Larry Bruce Mellick, Wellington
Bruce Lee Miller, Sugarcreek
Linda Kathryne Miller, St. Paris
Eric David Moen, Columbus
Gary Thomas Moffet, Akron
Thomas Michael Moffitt, Dayton
Michael Anthony Mohr, Cleveland
Victor Stephen Moore, Findlay
Janet Kay Moser, Dover
Wendy Lee Murchison, Bronx, N. Y.
Robert Joseph Murphy, Auburn, N. Y.
David Lee Nelson, Columbus
Darrow Edward Neves, Columbus
Thomas Michael Neville, Springboro
Ernest Fred Obrock, East Cleveland
Marcia Ann Oransky, Parma Heights
William Randolph Penland, Columbus
David Alfonz Perdocz, Dayton
Robert Allen Peterson, Jr., Toledo
John David Petrakis, Akron
John Petty, Jr., Columbus
James Duncan Pirie, Columbus
Joseph Lewis Popp, Willowick
Thomas Jon Poulton, Columbus
Susan Lynn Powers, Brecksville
John Anthony Ragazzo, Niles
Michael Julius Reichel, Cleveland
Leonard Steven Rich, New Philadelphia
Michael Anthony Richardson, Strasburg
Victor John Rick ear, Fort Jennings
Jerold James Rogat, Akron
Robert Edmund Sorenson, Cleveland
Ronald Craig Ross, Columbus Grove
Eric Baird Ross, Aurora
Daniel Sanders, Lyndhurst
Kenneth John Sandvoss, Lima
Betty Jo Schiller, Peters burg, Va.
Donley Jay Schlegel, Columbus
James Lee Schram, Ottawa
Michael Alan Schuler, Columbus
Eric Robert Schulz, Columbus
Bruce Roger Scaries, Delaware
Ira Lee Shapira, Columbus
Timothy John Sharp, Parma
Richard Eugene Simon, Parma
Lawrence Peter Sirinek, Pittsburgh, Pa.
David Jon Sircosski, Columbus
Craig William Slaboda, Cedar Grove, N. J.
Veronica Martita Slominski, Willoughby
Dale Bryan Smith, Findlay
Steven Jeffrey Smith, Akron
Vincent Robert Smith, Columbus Station
Vernon Douglas Sommer, Minster
Diana Joyce Spencer, Newark
Barbara Ann Kish Stager, Columbus
Terry Eugene Stocker, Columbus
Allen Michael Stojskovic, Venice, Calif.
Steven Alan Strauss, Ocean-side, N. Y.
Robert Daniel Strung, Westlake
Eric Robert Taylor, Cincinnati
Floyd Trilliris, Jr., Pittsburgh, Pa.
Diane Trubov, Columbus
Lawrence Lee Uzzell, West Jefferson
Margaret Sue Van Winkle, Martinsburg
Paul Theodore Verona, North Bergen, N. J.
Dennis Alan Vidmar, Cleveland Heights
Douglas Gregory Wade, Little Silver, N. J.
Janice Marlene Wagnerer, Wintererville
Shirley Jean Wagner, Navarre
Jeffrey Lee Walker, Sandusky
Robert Allen Walker, East Liverpool
Robert John Walter, Parma
Marvin Lee Wanner, Wauseon
Ronald Escombe Ward, Circleville
William Albert Wasko, Youngstown
Edwin Clark Westashington, Columbus
David Herman Weed, Columbus
Carl Sylvester Wehrli, Cleverdale
James Thomas Welding, Hudson
Robert Edmund Wentke, Dayton
Michael T. Westendorf, Dayton
Charles Edgar Wheeler, Caldwell
Herman Edward White, Columbus
Georgo Patrick Whitmer, Columbus
Kathleen Ruth Wilson, Columbus
Richard Jules Witte bort, Kettering
Murray Mike Wolfe, Akron
David Wynn, Columbus
George Edward Zito, Wadsworth
Alan William Zulich, Euclid

College of Humanities
Dean: Arthur Adams

Bachelor of Arts
One hundred and ninety-nine candidates
Vicki Anne Adams, Columbus
Linda Ellen Adler, Snyder, N. Y.
Robert James Alberini, Columbus
Thomas Christopher Amorose, Dub lin
Donald Gordon Ardrey, Columbus
Aaron Richard Assael, Saxonet, N. Y.
Barbara Frances Axftrol, White Plains, N. Y.
Robert Edward Baird, Broadview Heights
Michael Joel Ballen, Columbus
Kathleen Mary Bannon, Peekskill, N. Y.
Susan Leslie Barney, Rocky River
Jonathan Arthur Basten, LaGrange, Ill.
Charlotte Ann Beck, North Olmsted
Robert Edward Becker, Dayton
Daniel Lawrence Beierle, Cincinnati
Gertrud Bieta, Tiffin
Julie Ann Yvonne Bingham, Columbus
Harold Harvey Blair, Cuyahoga Falls
Bruce Edward Brooker, Columbus
Timothy Todd Brechbill, Canton
Roger William Burrows, Columbus
Neil Thomas Butcher, Cincinnati
Mark William Catalano, Norwalk
Jeffrey Scott Christopher, Columbus
Christopher Thomas Clune, Grove City
Cameron Coe, Columbus
Ernest Wayne Cohen, Cleveland
Saundra Baldwin Coulas non, Columbus
Joseph Arthur Coeye, West Nyack, N. Y.

* Also Bachelor of Science in Education, College of Education
Linda Jean Thomas, Westbury, N. Y.
Vivian Wray Thornton, Columbus
Annette Tokles, Sylvania
Joseph Thomas Tolliver, Akron
Christina Toscani, Dayton
Michael David Trudeau, Columbus
William Peery Turner, Thompson
Renato Langwald Voris, Columbus
Robert Harvey Vorlicky, Bedford
Marilyn Lisle Welker, Columbus
Lester Eugene Wells, Jr., Columbus
John Graham White, Marion
John Thomas White, Columbus
David Gerald Winston, Oak Park, Ill.
Elinor Mary Wiseman, Columbus
Jun Teong Woo, Columbus
Merle Eugene Yeager, Alliance
Sharon Ellen Yoetz, Urbana
Judith Ann Zimmer, Zanesville

College of Mathematics and Physical Sciences

Acting Dean: Richard P. Goldthwaite

Bachelor of Arts

Ten candidates

Joan Lee Boggs, Lima
Charles Robert Birn, Columbus
Joseph Anthony Danico, Chillicothe
Fred Michael DiSensno, Cleveland
Theresa Maria Frank, Defiance
Steven Sinna Holislaw, Mansfield
Nicholas Ray McCoy, Columbus
Laverne L. Miller, Hicksville
Steven E. Zartman, Springfield
William George Zinn, Columbus

Bachelor of Science

Ninety-six candidates

Glen Allen Archinal, Mineral City
Lawrence Anthony Bachei, Massapequa, N. Y.
Stanley John Basules, Jr., Commack, N. Y.
Deborah Dunphy Bayer, Westerville
Thomas Irven Blackburn, Columbus
Alexander Louis Bloom, Toledo
Robert Allen Boone, Columbus
Edward Ellis Booth, Columbus
James Gilbert Bush, Gallipolis
Camille Maurer Chalfin, Columbus
Youwoo Chan, Columbus
Dorothy Ann Ciehra, Cleveland
Jeffrey Warren Clouse, Columbus
Paul Thomas Corrigan, Jr., New York, N. Y.
William Russell Cowin, Warren
Janet Elizabeth Davis, North Canton
Edward George Drahos, Avon
Frank Nicholas Drobot, Columbus
Kitty Lee Durant, Reynoldsburg
Sanford Barry Fain, Lorain
Dennis James Farr, Mentor
Theodore Walter Ford,
Fairview Park
Craig Allan Friedli, Mt. Vernon
Stephen Foster Garner, Germantown
John Richard Girman, Hiram
Ronald Porter Good, Marietta
William John Greenlee, Columbus
Dale Robert Greer, Columbus
Thomas Lee Greshop, Columbus
William Howard Grossman, Columbus
Richard Irwin Hailer, Columbus
Gary Ray Harmon, Rootstown
Lonnny Weslee Harrison, Columbus
Larry Ross Hayes, Columbus
Keith Lewis Hedges, Bethlehem, Pa.
Robert Michael Helmer, Columbus
James Michael Herrmann, Toledo
Linda Seghers Hoffman, Columbus
Robert Quentin Johnson, Oceanside, N. Y.
Stuart Harold Kerzner, Jersey City, N. J.
Robert Lee Kinghorn, Rocky River
Dale James Kruse, Parma
Michael Gilbert Lattavo, Cincinnati
Michael Jeffrey Linden, Beachwood
James Peter Long, Columbus
Laura Lynn Luedemann, Worthington
Gary Alan Lund, Tokama Park, Md.
Gregory Allen Mack, Defiance
Kathleen Maginnity, Columbus
Allan Israel Marrus, Shaker Heights
Lawrence Alan McCadden, Columbus
Jon Sherrod McInnis, Columbus
Susan Kathleen McLauren, Reynoldsburg
Thomas Paul Messmore, Columbus
Dennis Alton Moritz, Walbridge
Armand Vanuxem Morris, Naturita, Colo.
Allan Joseph Myers, Marion
Amy Elizabeth O'Neal, Franklin
Gary Lee Orr, Columbus
Carl Michael Philathaus, West Lafayette
Richard Alan Pitzer, Springfield
Alex Pokas, Bellerive

Catherine Randall, St. Albans, W. Va.
James Peter Ricciardi, Hillsdale, N. J.
Robert Emmett Riordan, Columbus
Gail McCure Rusch, Columbus
Annamarie Saggio, North Olmsted
Edward Charles Salo, Ashatabula
Jeffrey Brian Sampsell, Westlake
Stephen Douglas Sato, Columbus
Mary Louise Schmidt, Columbus
Paulette Patricia Schmidt, Mt. Horeh, Wis.
Terry Rue Schultz, Falconer, N. Y.
Uwe Karl-Heinz Seeler, Columbus
Nelson Ross Shaffer, Columbus
Robert Eugene Shroy, Findlay
Ruth Elaine Smilan, Lima
Bradley Drake-Adams, Springfield
Donald Leon Stub, Amherst
John Stanley Supance, Willowick
Henry Albert Termeer, III, Dublin
David Allen Thompson, Reynoldsburg
William Robert Toft, Cincinnati
Jack Newton Tolder, Columbus
Robert Curtis Turner, Maumee
Dale Jay Van Harlingen, Kettering
Randall John Varga, East Paterson, N. J.
Robert Thomas Vargo, Toledo
Daniel George Velt, Bellaire
Doyle Robin Watts, Brookville
Byron Lee Weigler, Lexington
Arnold Burt Weinrib, Columbus
Henry Mark Weis, Poughkeepsie, N. Y.
John Timothy Wilson, Beverly
Jeffrey Earl Young, Columbus
Richard Allen Yuresko, Barberton

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

Three hundred and seventy-two candidates

Joel Steven Abrams, Beachwood
Janet Beer Adams, Columbus
Michael Marc Agin, Cleveland
Thomas Michael Aldrich, Trotwood
Bradley Drake-Adams, Springfield
Robert Steven Allen, Portsmouth
Yaser Ahmad Altabbaa, Beirut, Lebanon

* Also Bachelor of Science in Education, College of Education

678
Thomas Leland Hummer, Batavia
Kathryn Ayros Hynes, Moorestown, N.J.
Philip John Incarnato, Columbus
Ronald Eugene Jones, Columbus
Ronald M. Jupiter, Maplewood, N.J.
Marc Stanley Kadetz, Cincinnati
Roger Price Kadis, Columbus
Verna Anne Kalinski, Columbus
Karen Susan Kallman, Columbus
James Richard Kanak, Dayton
Stuart Harvey Kaplow, University Heights
George Oliver Karsavich, Cincinnati
Robert Allan Katz, North White Plains, N.Y.
Stephen Ira Katz, Cleveland Heights
Gartrell Ray Kelley, Cincinnati
Victoria Ann Kelly, Cincinnati
Jane Susan Kelsey, Trenton, N.J.
William Albert Kersmarki, Columbus
Diane Joyce Kessler, Columbus
Mauria Carlyle Kirkpatrick, Columbus
Gail Ann Kirshenbaum, Shaker Heights
Lisa Hope Kleckner, Highland Park, III.
Michael Stuart Kling, Dayton
Ann Nenzer Konowski, Columbus
Ricky Blair Kramer, Toronto
Jane Krikenbarger, Arcanum
Douglas Richard Kutter, Merrick, N.Y.
Emil John Kunzi, Columbus
Jeanne Lai, Bayside, N.Y.
Donald Eugene Lane, Enon
Gene David Lacky, Kenosha, Wis.
Thomas Patrick Lavelle, Columbus
Neil Ross Lebovitz, University Heights
Charles Russel Lee, West Chester
Marilyn Elizabeth Lee, Cleveland
Robert Field Leggett, Portsmouth
Craig Leon Lenox, South Point
Usher Lloyd Levering, Fredericktown
Sherrill R. Levy, Lyndhurst
Betty Lee Lewis, Cincinnati
Melba Louise Leysohn, Columbus
Stephen Scott Lindsay, Columbus
Salvatore William Liotta, Brentwood, N.Y.
Thomas Michael Lisak, Mt. Vernon
Catherine Ambrose Llewellyn, Lorain
Richard Vincent Lobalzo, Akron
Norman Lobell, Jr., Columbus
Dianne A. Long, North Olmsted
Trudy Lynn Lossman, Fairview
Gregory George Love, Cleveland
John Robert Lowther, Ashtabula
Susan Louise Lubman, Beachwood
Julianne Lunts, Youngstown
Robert Benton MacDonald, Jr., Bexley Point
Janis Lynn Macelhany, Warren
Carol Malaffy, Columbus
Howard Malovany, Columbus
Nicholas Anthony Mamais, Parma
Edward Ira Mandel, Warren
Susan Louise Mandel, Cleveland Heights
Mark Gayland Mangie, Youngstown
John Arthur Margraf, Bucyrus
Nancy Ann Marona, Merrick, N.Y.
Barbara Lee Margle, Cincinnati
Maureen Marquard, Cleveland
Jean Elizabeth Marshall, Kettering
Jennifer Lee Martin, Columbus
Richard Thomas Martin, Youngstown
William Bruce Martin, Danville
Alison Masaki, Southington, Conn.
James Everett Mathias, Columbus
Susan Lee McBride, Findlay
David Charles McCarthy, Hudson
Barbara Louise McCaw, Columbus
Steven Arthur McClaren, Columbus
Paul Scott McElroy, Columbus
Herbert George McGrath, Burghill
James Julian McKay, Needham, Mass.
James Scott McKeever, Jr., Columbus
Roy Richard McKenna, Ann Arbor, Mich.
Ronald Kent McLean, Columbus
Robert Bruce McLaughlin, Columbus
William Raymond McLaughlin, Columbus
Mary Louise Mellett, Columbus
Robert Arthur Menell, New Rochelle, N.Y.
Susan Lynn Metzmaier, Columbus
Carl John Meyer, Leipsic
Anne Lynn Meyers, Utica, N.Y.
Gail Hamilton Middy, Columbus
Jeffrey Owen Miller, Columbus
Jennifer Stealey Miller, Columbus
Philip Irwin Miller, South Euclid
Erica Teri Mottz, Chicago, Ill.
Robert Jon Monberger, Columbus
Bruce Edward Moon, Columbus
Robert Edward Moore, Columbus
Henry Thomas Morris, Columbus
Earl Elkins Munro, Columbus
Raymond John Mussio, Columbus
Marsha Thomas Murgia, Danbury, Conn.
Dennis Eugene Neal, Cincinnati
Howard Bruce Neu, Bronx, N.Y.
David Max Neubauer, Columbus
Harry Eugene Nixon, Columbus
Michael Quinn Noble, Columbus
John Eric Nolt, Massillon
Robert Alan Nygren, Columbus
Susan Mary Nyman, Shaker Heights
Gary William Osborne, Columbus
Carolyn Louise Partridge, Columbus
Dennis James Pattillo, Delphos
Melesse Anne Pernaveau, Columbus
Douglas Lynn Perris, Oregon
Eric Clifford Peterson, Wadsworth
David Paul Phillips, Columbus
Betsy Platte, Morgantown, W. Va.
Sharon Lynn Fosock, Cleveland
Randall Cecil Poling, Amanda
Michael C. Porterfield, Columbus
David Lee Pote, Lakewood
John Edward Potter, Columbus
James Rival Pugh, III, Providence, R. I.
Christina Suzanne Pursch, Hershey, Pa.
Clement Wayne Fyles, Byesville
D. Darwin Ralston, Columbus
Mark Stanley Rea, Avon Lake
Edmund Charles Relling, Kettering
Richard Alan Reimer, Butler, N.J.
George Kirby Richards, Columbus
Pamela Yale Roberts, Carroll
Patrick Allen Roberts, M. Vernon
John Michael Rockwell, Columbus
Donald Theodore Rogers, Columbus
Joseph Robert Roscoe, Niles
Harry Jay Rosenbaum, Wooster
Keith Herbert Rosenstock, Pittsburgh, Pa.
Rochelle Leslie Rosenthal, Beachwood
Brian Steven Rudolph, Philadelphia, Pa.
Donald James Ryan, Martinsburg
Harvey Peter Sackett, Sunnyside, N.Y.
James Stephen Sales, Cincinnati
Larry Grant Samson, Columbus
Robert James Sapararo, Mayfield Heights
Michael Nicholas Sarle, Lindsey
Rebecca Lee Saunders, Gallipolis
Richard Alan Searl, Cleveland
Richard Paul Schachtel, Wilmette, Ill.

* Also Bachelor of Science in Education, College of Education
* Also Certificate of Graduate Dental Hygienist, College of Dentistry
Bachelor of Science

Seventy-two candidates

William Harry Arnold, Worthington
Ronald Alan Ash, Springfield
Barbara Jean Bajog, Broadview Heights
Mark Richard Berenberg, Cleveland
Gary Lynn Blocker, Mansfield
Sarah Jean Bowman, Schenectady, N. Y.
Tyger Burgess Brah, Pekinskje, N. Y.
Michael Lee Brown, Chillicothe
Virginia Ann Bydah, Cleveland
Stanley Dee Crapo, Columbus
Robert Henry Collins, Jr., Columbus
Laura Daniele, Cleveland
Linda Sue Ellis, Lancaster
Jaquecline K. Ernst, Liberty Center
Joan Adele Ferrence, Cleveland
Clyde Edgar Gleim, Jr., Akron
Helen Claire Godby, Morristown, N. J.

Middleburg Heights

James Forest Grimshaw, Columbus
Cleophas David Gregg, Bucyrus
Steve David Halper, Cincinnati
Linda Macey Hambie, Columbus
Beverly Kay Hill, Columbus

Marilyn Miller Honabarger, Coshocton
Michael Phillip Japack, Cleveland, B. A.
Nancy Gaito Johnson, Tiffin
James Daniel King, Bucyrus
Steven Welsh King, Sylvan
Rita May Klaus, Delphos
Ted Kellin Konertz, Columbus
Clifford Terry Krolch, New City, N. Y.
Paul Langman, University Heights, B. A.
Roland Norman Lee, Newark
Mary Margaret Shelpine Link, Bellefontaine
Douglas Owen Lipp, Columbus
Nicholas Eugene Longauer, Nor1t Olmsted
Catherine Rose Marshall, Amlin
Larry Dwayne Mathews, Hebron
Sandy Cook Maxwell, Columbus
Lenore Melmeyer, Coraopolis, Pa.
Ron Mendelsohn, Columbus
Edward Francis Mitzel, Youngstown
William Lee Napel, Columbus
David Joseph Navratil, Lakewood
Larry Curtis Nickel, Columbus
Walter Brian O'Malley, Greenville, S. C.
Ronnie Patrick, Fairborn
Raymond Todd Perill, North Ridgeville
Leroy Peyton, Columbus
Gary Jay Pollick, Jericho, N. Y.
Ronald Clark Portnay, East, Meadow, N. Y.
Patrick Vincent Reilly, Parma
Joseph Anthony Ricci, Columbus
Roger Phillip Rittenhouse, Hamilton
Stephen Paul Roach, Columbus
Lee Steven Rosenberg, South Euclid
Robert Frederick Scheiltit, Columbus
Keith Lewis Schneider, McLean, Va.
Sharon Ann Seidt, Buffalo, N. Y.
Wiley Rea Secott, Columbus
Dennis James Springer, Columbus
Carl John Stanek, Maple Heights
Dale Chris Stiffer, Cleveland Heights
George K. Stravelakis, Columbus
Rebecca Dale Wagner, Zanesville
David Alec Waldron, Cuyahoga Falls
Philip Sydney Waterworth, Dayton
Gregg Stephen Weimer, Toledo
Marc Elliot Wiener, East, Meadow, N. Y.

Gregory Dennis Yarmann, Columbus

Eugene Schaub, Mansfield
Thomas Wiltibert Schmied, Westlake
Judy Lee Schrabor, Williamsville, N. Y.
Beth Melinda Schmiiaker, Canton
Jeanne Ann Schuman, Colonie, N. J.
John Albert Schuppenhauser, Shortsville, N. Y.
Larry Warren Scudder, North Royalton
Phyllis Rae Schwartz, Warren
Karl Mason Schwenklicl, Lakewood
Daniel Carl Scott, Columbus
Willis Otto Serr, H., Columbus
Horace Michael Sewell, Columbus
Daniel J. Shapiro, Brookline
James Michael Sheehan, Columbus
James Scott Sheehan, Columbus
William James Shire, Cuyahoga Falls
William Edgar Shropshire, Jr., Columbus
Diane Mary Sickieriski, Maple Heights
Steven Edward Sigalow, Akron
Susan Helen Silverman, Akron
Richard Paul Skinner, Columbus
Ben Irving Sloan, Cleveland
Bradley Clark Smith, Columbus
Brian David Smith, Ironwood
Mark Steven Smith, Cincinnati
Pamela Jean Smith, Monroeville
Paul William Smith, Columbus
Robert Michael Smith, Lynneburg
Ronald Allen Smith, Columbus
Harlan Joel Smolin, Skokie, Ill.
Stephen Leslie Sobie, Columbus
Pamela Kay Spaulding, North Vernon, Ind.
Catherine Lynn Spener, Columbus
Max Lewis Stele, Silver Spring, Md.
Laura Sybilia Stanhope, Chillicothe
Richard Nicholas Steinmetz, Columbus
James Frederick Stevenson, Lewistown
Gary Richard Stichel, Columbus
Pamela Claire Stoll, Sandusky
John Donald Stone, Jr., Columbus
Nancy Ellen Stone, Shaker Heights
Terrence Lee Storme. Canton
Dennis Michael Sweet, Dayton
Timothy James Taber, Columbus
Gary Raymond Taylor, Euclid
Ken Herbert Teckelenburg, Cincinnati
Frank Anthony Tedesco, Lakewood
Lawrence Edward Thurman, Alliance
Ralph Sheldon Tyler, Cleveland
Ronald Dale Upham, Dayton
Paul Frederick Vailles, Columbus
Justin Vasa, Cleveland Heights

Roger Ace VanCamp, Columbus
Garwin Paul Veli, Cleveland Heights
Timothy Lee Vogel, Columbus
Adam Warren, Jr., Warrensville
John Jay Watson, Uniontown
Timothy Allen Weaver, Columbus
Dennis Leslie Weinberger, University Heights
Stuart Howard Werner, Cleveland
Phillip Noel Wells, Kettering
John Richard Whitney, Columbus
Mary Karen Wilson, Blanchester
William Joseph Wingert, Canton
Marilyn Delores Wohrel, Dayton
John Wayne Wolk, Mansfield
Gleim Melvin Young, Columbus
James Edson Young, Worthington
Richard Lee Young, Columbus
Gary Yovan, Elyria
James Thaddeus Zachery, Dayton
Michael Joseph Zajdowicz, Shadyside

Also Certificate of Graduate Dental Hygienist.

College of Dentistry
School of Journalism

Bachelor of Arts in Journalism

Fifty-nine candidates

David Allen Agee, Dayton
Margaret Winfred Allison, Columbus
Alan Bruce Appel, North Bay Village, Fla.
Linda Louise Ashbaugh, Westlake
Steven George Birkholz, Columbus
Paula Cecilia Blanchet, Coshocton
Thomas Hugh Brennan, Shelby
Stephen Craig Bruce, Hudson
Ann Hindman Brown, Columbus
Rodger Larne Bruelafer, Columbus
Gary Martin Brueel
Bradley Beach, N. J.
Timothy John Bryan, Massillon
Samuel Clark Byers, Columbus
Daniel Jay Craig, Springfield
Karen Ann Donofrio, Toronto
Dule Charles Fencil, South Euclid
Gene Borschel Fox, Bremen
Van Michael Geondef, Springfield
Richard Edward Gill, Hilliard
Lora Jane Glickman, Cleveland Heights
Barbara Jo Gloeckner, Cincinnati
Gregory Ray Griffith, Circleville
Anne Morrow Gudenkauf, Columbus
Karen Lyn Hamrick, Columbus
Lorrie Joanne Handler, Youngstown
Stephen Mark Handler, Columbus
Louis Marx Heidman, Columbus
Vicki Schmitz Heidman, Columbus
Anne Veronica Hennessy, River Forest, Ill.
Robert Earl Holbein, Jr., Norfolk, Va.
Deborah Lynn Homnak, Cleveland
Mary Julia Huntziger, Columbus
Lee Roland Jenkins, Youngstown
Adele Maril Jones, Cincinnati
Jeffrey Martin Kamin, Atlanta, Ga.
Alan Duane Kovski, Huntington, N. Y.
Cynthia Ruth Krielson, Akron
Susan Cranston Kunz, Columbus
Wanda Jane Lynum, Bethel
Donald Lee Mader, Springfield
Pete Mariniello, Jr., Columbus
Richard Allen Markel, Lorain
Roger John Meager, Cincinnati
Patricia Roger Miller, Columbus
Valerie Anne Mourad, Columbus
Ronald Stanley Oehser, Columbus
Brenda Shelley Okrent, Cincinnati
Brooks Richard Pifer, Waunee
Gary Charles Pratt, Euclid

Gary Michael Quigley, Woodhaven, N. Y.
Anthony Peter Rimi, Cleveland
Riley George Rowe, Lakewood
Ann Elaine Sheldon, Bay Village
John Matthew Steward, Napoleon
Gloria Crotty Swanstrom, Columbus
John Ray Venteers, Columbus
Jeanne Mary Vivian, Kettering
Elizabet Vucinich, Toledo
Ingerid Elizabeth White, Tampa, Fla.

Bachelor of Science in Business Administration

Three hundred and nine candidates

David Lee Absbier, Bellefontaine
Michael Allison, Cincinnati
March Ann Amii, Kenton
Robert Paul Anderson, Greenville
Mark Warren Andrews, Ashland
Robert James Applebaum, South Euclid
Mark Peter Arnold, Heath
Norman Scott Arnold, Germantown
Joel David Axelrod, Cleveland
Gary H. Badley, Galion
James Cotter Hain, Painesville
Jerry Lewis Hall, London
James Randall Haney, Westerville
Michael Clair Bardo, Springfield
John Lee Raughman, Dayton
Joseph Paul Rollins, Youngstown
Charles Herman Bendig, Warren
Mark Owen Beyland, Centerville
Harry George Beygolzis, Jr., Dayton
Richard James Bialy, Akron
Donald Eldon Bickley, II, Westerville
Charles George Bigriggs
Martins Ferry
Victor Raymond Blankenship, Hamilton
Herbert Alan Block, Columbus
Michael Louis Blower, Grove City
Thomas Edward Bodler, Newark
James Lee Boggs, Elyria
Ronald Kent Bowes, Greenfield
David Alan Brantley, Chillicothe
John Paul Brech, Columbus
Leo William Brennan, Chagrin Falls
Randall Ernest Brooks, Chagrin Falls
Robert Alan Brown, Elyria
Thomas Jay Brown, Jr., Lima
Frank Buckalove, III, Waverly
Stephen Douglas Burrell, Jewett
William Scott Cain, Belpre
Jerry Thomas Caldwell, Columbus
David Mark Callif, Columbus
Dennis James Carol, Detroit, Mich.
Michael Wesley Carroll, Cincinnati
Marcia Judin Carron,
Huntington, N. Y.
Terry Lee Casey, Coshocton
Timothy Robert Caskey, Hamilton
Michael James Clancy, Amherst
William James Clark, Columbus
Thomas Ray Coppinger, Girard
Edward Charles Corbett, Cleveland
Edward Ernest Corbett, Columbus
Phillip Hamlin Carse, Waynesburg
Timothy Allen Cosgrove, Marion
Terry Lynn Coxx, Cambridge
Richard William Cowles, Morav
James Michael Crisbbs, Canton
Tymothy Ryan Crieckfeld, Troy
Robert James Croker, Haddon Heights, N. J.
David Charles Cronin, Hudson
Myron A. Crowell, Marion
David Bruce Cumming, Dayton
John Thomas Daniecki, Lorain
Richard John Dangi, Niles
John Allen Daum, West Milfon
Peter Gordon Davidson, Williamsville, N. Y.
Robert Mac Davis, Columbus, Grove
Stephen Joseph Davis, Columbus
Kenneth Michael Dean, Lithopolis
Richard Charles De Bartolo, Milltown, N. J.
John Francis DeGuiseppi, Easton, Pa.
Peter Andrew Deliby, Galion
Donald Joseph Derewski, Shadyside
William Dean Deutschnom, Cleveland
Eliane Adahnee Dieck, Cleveland
Dale Dee Dixon, Cardington
Michael Peter Donofrio, Bedford
Robert Eugene Downes, Jr., Brecksville
Richard Joseph Drainville, Middleburg Heights
Bruce McLelllnt Draudt, Columbus
Doulos Leon Dunlap, Port Seneca
Daniel Durica, Berea
Lawrence Edward Dusenberg, Columbus
Dave Francis Duspicia, Chagrin Falls
Denis Blake Eastman, Columbus
David George Edgerston, Lisbon
William Richard Engeland, Elyria
Gary Lee Erx, Piqua
Rodney Keith Evans, Pomeroy
Patrick Charles Fagan, Westerville
Kenneth William Feldmann, Cincinnati
Richard Alan Fitch, Pittsburgh, Pa.
William Benjamin Ford, Portland
Kenneth Raymond Fraser, Berea
Richard Stewart Friedland, Plainview, N. Y.
Alan Stanley Garber, Hamden, Conn.
Margaret Lee Gasper, Berlin Center
David Leonard Geib, Columbus
William Barry Gilbert, Springfield, N. J., B.A. (C. W. Post College)
Donald Lewis Golden, Elmont, N. Y.
James Cameron Gore, Medina
Edward Thomas Gozoki, Willoughby Hills
Charles David Guy, Columbus
David Alan Halsey, Newark
Marina Isabel Hartings, Columbus
Gary Lance Hartzell, Columbus
Dennis Blake Haenslein, Massillon
Thomas Dean Hazelbaker, West Union
James Arthur Holler, North Canton
Thomas Blake Henderson, Newark
Stanley Michael Herr, Fairborn
Thomas William Herrmann, Cincinnati
Richard Albert Herron, Salem
Richard Orrin Hilliker, Bellefontaine
Rick Lynn Hinnich, Selby, S. D.
Gary Allen Himann, Claridon
John Herbert Hofferscheid, Columbus
Dennis Lynn Hitchings, Canfield
Harold Roy Hodges, Heath
Dennis Arthur Hogan, Chardon
William H. Hogue, Newcomerstown
Albert Cornelius Holenbrink, Ottawa
Norman Scott Holland, Westbury, N. Y.
Mark Edward Hornighouse, Cortland
Dennis Scott Houdler, Delroy
John Wilbur Hood, Detour, Md.
Lawrence Paul Hoyt, Brecksville
Dale Omer Hufer, Columbus
Jimmie Lee Hoyt, Jr., London, England
Steven Carl Husemann, Cincinnati
John Wayne James, Cleveland
James Jude Jermann, Parma
John Frederick Keib, Bay Village
John Charles Kalmshaus, Cincinnati
Rodney Michael Kaplan, Cincinnati
Gary Wayne Koller, Jackson
Jerome Cronin Kienle, Grove City
Robert Harold Kier, Wilmette, Ill.
Dale Vincent Kindl, Independence
Reed Jan Klein, Lyndhurst
Steven Douglas Kleschuck, North Royalton
Harry Conrad Knapp, A. Shaluila
Charles Walter Kohler, Toledo
Jeffrey Ira Konner, Great Neck, N. Y.
George Albert Krebs, II., Coshocton
Raymond Edward Kreutzfeld, Columbus
Richard Carl Kriger, Columbus
B.A. (Fornona College)
James Krowinski, Parma
Robert Alan Kutler, Heathl, N. Y.
Donald Lamka, Cleveland
Richard Allen Langley, Dayton
Thomas Phillip Lapish, Middleburg Heights
James Nelson Lawhon, Cantor
Steven Dale Lawrence, McClellinsville
Donald Richard Lawson, Galena
Robert Michael Leggett, Columbus
Leonard Paul Lemire, Richmond
Nancy Marie Lenart, Rock Creek
William John Leonard, North Olmsted
Kathy Harriet Levine, Cleveland
Mark Frederick Levine, Treeton, N. J.
Edward Dewey Lewis, Newark
Eric Steven Lockshin, Akron
Randall Carl Looker, Columbus
Linda Louise Looser, Grove City
Louis Wesley Lowien, Columbus
Dennis Michael Lozinak, Garfield Heights
Paul Jonathan Lustig, Searsdale, N. Y.
Gregory Paul Mack, Wilmette, Ill.
Jeffrey Randall Macklin, Columbus
Dale Howard Markowitz, South Euclid
Shawn Alan Martin, Stow
Jeffrey Michael McGowan, Parma
John Michael McKibben, Caldwell
Timothy Dale McNamara, Delaware
William Michael Mealer, Columbus
Larry Stephen Messner, Bellefontaine
James Edward Metzger, Dayton
James Dean Milby, Steubenville
Douglas Wade Miller, Cleveland Heights
John David Miller, Marietta
Robert Byron Miller, Columbus
Richard Paul Molengraft, Cincinnati
John Lawrence Molnar, Brunswick
Thomas Ross Moninger, Stamford, Conn.
Robert David Morrison, Norwalk
Jeanne Patricia Motley, Chicago, Ill.
Richard Howard Muskat, New York, N. Y.
Harvey Harold Mussner, Lima
Jeffrey Neil Nachman, Long Beach, N. Y.
Mark Robert Neuman, Worthington
Dennis Eugene Nielsen, North Fairfield
Rodney Lawrence Niner, Wheelersburg
James Richard Norris, Stow
Nancy Elizabeth Offutt, Hamilton
John Willard Parsons, Tiltonsville
John Michael Pavlik, Seven Hills

*Degree awarded posthumously.
* Died Mar 14, 1972
Francis Michael Payne, III, Cleveland
Jerald Alan Payner, South Euclid
William Edward Pelle, Martinsville
Gregory Robert Perrigo, Dayton
Donald Arthur Pesek, Independence
Rand Redd Piza, Brunswick
Charles Henry Pell, Toledo
Gary Poister, Cleveland
Lawrence Arnin Backow, Lynbrook, N. Y.
Veron Ralls, Silverton
Thomas Rankin, Diltonvale
Brent Hastings Raub, Olmsted Falls
Earl Kelly Reed, Bay Village
Bart Carlton Richmond, Silver Lake Village
Carl David Riddle, Caldwell
Richard Arthur Riegler, Columbus
Michael Grover Riley, Miamisburg
Kester Keane Rinehart, Columbus
Charles Robert Ritchey, Fredericktown
James Norton Ritchie, Chesterland
Marc Wayne Robboy, Cleveland
Michael Brian Roberts, Worthington
Michael Douglas Rogers, Newark
Richard Bruce Rose, East Liverpool
Alexander Jay Rounds, Dayton
Steven Paul Rubin, South Euclid
Marvin Ray Sadowsky, Canton
David Kenneth Saffie, Columbus
Marvin Edward Sagar, Bloacklick
Carl Richard Saliba, Caldwell
Robert Joseph Schmidt, Jr., Newark
Rick John Schwieterman, Columbus
Lyman Scoggin, Coshocton
Robert Joseph Starchak, Dayton
James Howard Seger, Chagrin Falls
William Russell Shaw, Columbus
David Paul Sheets, Miamisburg
Rickert Michael Shevring, Lorain
Jeffrey Lee Shively, Columbus
Michael Thomas Shuster, Columbus
Robert Regis Sienig, Portsmouth
Francis Joseph Silon, Cleveland
Stuart Kalman Silver, Cleveland
Richard Milton Silverblatt, Toledo
Susan Victoria Simons, Mentor
Richard Anthony Simonski, Columbus
William Frank Simpson, Allendale, N. J.
David Michael Skivinski, Columbus
Steven Andrew Skilkien, Columbus
Robert Anderson Smallwood, Montgomery, Ala.
Donald Ray Smith, Kenton
John Mark Smith, Euclid
Larry Lee Smith, Bellefontaine
Richard Reynolds Smith, Wadsworth
Eugene Raymond Snow, Newark
Michael Edward Solt, Arlington
Raymond William Sovik, Boardman
Kris Andrew Sowolla, Maple Heights
Donald Douglas Sparrow, Columbus
Steven James Springer, Cambridge
Allen Louis Stas, Cleveland
John Richard Stemple, Columbus
Michael Lee Sternad, Columbus
Kenneth Robert Stone, Jr., East Canton
Richard Stanley Straight, Canton
Martin Strauss, Hickory, N. C.
Roger Louis Sturbaum, Sandusky
Gregory Warren Sullivan, Maumee
William Lynn Suver, Columbus
Frank Victor Swinehart, Columbus
Michael Lewis Swords, Minford
Frank Joseph Tate, Columbus
Henry Lee Taylor, Amsterdam, N. Y.
John Charles Thomas, Cleveland
Jeffrey Jay Thornburgh, Toledo
Charles Beckham Tichenor, Harrington, Ill.
Loren Edward Tischer, Mil. Gilread
Randall Scott Tuck, Bloomville
Stephen Eugene Tumblin, Columbus
Christopher Case Tuttle, Sycamore
Eugene Philip Van Voors, Port Clinton
John Lawrence Varble, Circleville
Theodore Vukelich, Lorain
John Lewis Wachtcr, Union
Barry Lee Waggoner, Hudson, N. Y.
Philip Michael Wagner, South Euclid
Stephen Wagner, Ashland
Robert Allen Walker, Ontario
Diane Kay Wallace, Mansfield
Charles Andrew Walter, Litchfield
Charles Roy Walz, Columbus
Clifford Allen Weiss, Forest Hills, N. Y.
Howard Marc Weiss, Pittsburgh, Pa.
Bradford Lee Weissfeld, Shaker Heights
Ronald Daley Wiles, Columbus
Kenneth Jan Wilseck, New York, N. Y.
Jon Christopher Wilson, Columbus
John Stephen Wiseman, Columbus
John Thomas Wisscheke, Denver, Colo.
Charles Ray Wolftrum, Georgetown
Paul Alan Workmaster, Worthington
Frank Edward Wright, Framingham, Mass.
Tracy Erin Wrightman, Shelby
Stephen James Yaussey, Bucyrus
Daniel Jerome Yeckle, Wickliffe
Beverly Jane Zahn, Lorain
Dennis Walter Zaiko, South Euclid
Mauro Zanarolla, New Albany
James Dennis Zielinski, Chicago, Ill.
James Robert Zich, Worthington
Cheryl Eileen Zimmerman, Akron

School of Social Work
Bachelor of Science in Social Welfare
Sixty-one candidates
Leena Marcia Adlerstein, Columbus
Karen Seree Austin, Mansfield
Rebecca Meyers Beatzuko, Lorain
Peter Aaron Bidney, Columbus
Susan Kay Beckraith, Dayton
Ronald Bostic, Columbus
Vicki Ann Conway, Dayton
Vicki Lynn Cookey, Fremont
Linda Jean Covell, Dayton
Harold Dale Crosby, Mansfield
Helen Jean Daley, Wintersville
Roger Stewart Dixon, Cleveland
Susan Mary Dragos, Niles
Karen Ann Drubot, Napoleon
Maryann Duppa, Germantown
Robert John Ferris, Cleveland
Mary B. Fisher, Shaker Heights
Cheryl Sue Fishman, University Heights
Connie Sue Freshman, Columbus
Sharon Timken Goh, Pittsburgh, Pa.
Mary Michele Gray, Honolulu, Hawaii
Alan David Gutengat, Stoneham, Mass.
Imogene Wyatt Hamon, Columbus
Rebecca Rose Heil, Tiffin
Kathleen Dale Hepler, Sylvania
Martha Marie Holloway, Logan
Anita Howard, Cincinnati
Kathryn Ellen Jackson, Dayton
Gwenyth Anne Jones, Canfield
Sharlene Ann Kahn, South Euclid
Marilyn Janet Keilner, University Heights
Nina Carole Kirkchen, Hicksville, N. Y.
Carol Jean Knoblauch, Front Royal, Va.
Eileen Allee Knoblauch, Elsinore
Elaine Lynn Kurzweil, Surfside, Fla.
Harold Andrew Lauver, Lima
College of Agriculture and Home Economics
Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Two hundred and sixty-two candidates

David Lynn Adams, Waverly
Craig Edward Allen, Bellaire
George Howard Allendorf, Huron
James Russell Archer, Guyville
Thomas Alan Archer, Circleville
John Gerald Augustine, Euclid
Daniel Gaillard Bach, Elmore
Bruce Edward Bagley, Jefferson
Jerry Francis Bailey, Cincinnati
Richard Roy Blair Jr., Dover
Janet V. Bollard, Alexandria, N. Y.
Robert Edmund Ball, Caldwell
Timothy Ackley Barnes, Radnor
David Anderson Basquin, Shreve
James Alan Baumgardner, Cincinnati
Stephanie Jane Beal, Freeport
Timothy Joseph Beckman, Minster
Howard Wesley Beery, Bluffton
Robert Earl Beery, Logan
C. Thomas Bell, Delaware
Donald Wayne Berger, Hamilton
James Michael Berry, Dayton
Frank William Bischak, Cincinnati
Kenneth Lewis Black, New Waterford
Terry Alan Blake, Columbus
Kenneth Lynn Blanchard, Danville
Thomas Duane Bledgett, Sturgis, Mich.
Craig Edwin Boblenz, New Bloomington
Charles Anthony Bogar, Jr., Salem
Thomas Michael Boiles, Solon
Marguerite Elaine Boreo, Fort Myers, Fla.
William David Bowser, Eaton
Dale Arthur Bray, Chesterland
Randy Doyle Brehm, Fayette
Donald Ray Brinkman, Elyria
Alan Robert Brown, Endwell, N. Y.
Paul Emerson Browning, Columbus
Donald E. Bucher, Pandora
Thomas Anthony Buchholz, Wooster
Robert Alan Burrows, Kettering
Ray Leon Butt, Jr., Georgetown
Michael Leroy Carnesich, Thornville
Terrance Roger Campbell, Bethel
Richard Andrew Cappell, Dover
Michael James Carey, Fairview Park
Mary Alpharetta Cartwright, Columbus
Susan Linda Cave, Fremont, N. Y.
Don Frederick Clark, Johnstown
Harold M. Donald Clark, Wadsworth
George August Clausen, Pleasant Plain

Gregory Eugene Cole, Shelby
Stephen Davison Coles, Fairview Park
Duane Edwin Counterman, Rockford
John Prescott Cox, Adams Mills
Robert Meard Crowder, North Lewisburg
Edward James Cuccio, Lodle, N. J.
Martin Allen Cybulski, Belmont
Larry Joe Daniels, Howardwood
Stephen Joel Deering, Monroeville
John Alexander Deisher, Bellefontaine
Kenneth Joseph Diedrich, LaGrange
Barry Allen Diehl, New Lebanon
John Charles Diekmann, Steubenville
John Alan Dilling, New Waterford
Edward Eugene Donohue, Toronto
Robert James Doremus, Upper Montclair, N. J.
John T. Dunbar, Milford Center
Shelby Duham, Toledo
David James Dyninger, Findlay
Charles David Engater, Warren
Douglas Errol Entler, South Charleston
David Clinton Flannery, Grove City
Michael Henry Polkrod, Ansonia
David Marshall Fornof, Columbus
Daniel Robert Forster, Tiro
John Christopher Fouster, Fairfax, Va.
William Ernest Franke, Port Clinton
Robert Detrick Freeze, Dayton
Robert Marion Freeze, Springfield
Daniel Wilson Friedly, Convoy
Mark Richard Fry, Shelby
Roger Frederick Genter, Napoleon
Thomas John Gerschutz, Alvada
Alan Gordon Gibson, Salem
Larry Don Gorrell, Ceil
Thomas Erwin Graham, Cleveland
Thomas Edward Greene, Wellington
Douglas Carl Grob, Fairfield
Robert Clinton Guinther, Gallion
Charlotte Gyllenhaal, Bay Village
Larry Joe Habrun, East Sparta
John Richard Haines, Montpelier
Kenneth Alan Hall, Lakeview
Karel Patricia Hall, Newark, Del.
Douglas Ray Halterman, Richwood
Kent Douglas Hammond, Columbus
Howard Charles Harper, Columbusiana
Ronald Max Heath, West Liberty
Mark Lynn Hemmerich, Brookville
James Marvin Herron, Jr., Columbus
Stephan Robert Hess, Ashland
Edward Darrel Hilt, Gibsonburg

* Also Bachelor of Science in Education
College of Education
1 Also Master of Science, Graduate School
Three candidates

David Huber Black, Mogadore
Kenneth Joe DePalma, East Sparta
Martha Jeanne Wiederhold, Blanchester

Bachelor of Science in Dairy Technology

Three candidates

David Michael Work, Cuyahoga Falls
Douglas Kevin Yates, Mentor
Donald Wayne Young, Pemberville

Bachelor of Science in Food Technology

Three candidates

David Huber Black, Mogadore
Kenneth Joe DePalma, East Sparta
Martha Jeanne Wiederhold, Blanchester

Bachelor of Science in Nutrition

Three candidates

James Stockley Diehl, Akron
Wayne Henry Günselman, Jr., Portsmouth
Karen Sue Kasting, Cincinnati

School of Home Economics

One hundred and forty-three candidates

Bachelor of Science in Home Economics

Deborah Ann Adams, Grove City
Janice Eileen Aikins, Xenia
Carolyn Beth Aker, Fairview Park
Marie Stina Allison, Columbus
Rosemarie Helen Amato, Cleveland
Nancy Foster Antoehow, Shaker Heights
Judy Ann Arnold, Orrville
Janet Ruth Bare, Canfield
Sue Ellen Bayly, Columbus
Janet Karen Berger, Pittsburgh, Pa.
Denise Soukup Berilla, Springfield

Kathleen Karen Berlin, Columbus
Teresa Kaye Berner, Dover
Deborah Louise Boenington, Troy
Joyce McLernon Billotte, Carrollton
Barbara Jean Bilsing, Gallion
Mary Ellen Straub Bixas, Cleveland
Sandra Jean Blumenschein, Marysville
Betty Jean Boney, Williamston, N. C.
Patti Jayne Boose, Fredericktown
Mary Kettunan Bowlin, Andover
Cynthia Jo Bright, Lucas
Susan Hanna Brock, Columbus
Barbara Sue Brooks, Dayton
Miriam Elena Brotman, University Heights
Susan Alice Bruggeman, Marion
Mary Ann Catherine Burden, Wapakoneta
Carol Jo Carpenter, Columbus
Jennifer Ruth Chamberlain, Reynoldsburg
Kay Perry Chester, West Unity
Shirley Ann Chisholm, Euclid
Linda Sue Cochran, Mt. Vernon
Miriam Cheryl Coleman, Salem
Joyce Christine Cook, Bucyrus
Lynda Ann Corum, Mansfield
Tarie Marshall Curtiss, Columbus
Susan Elaine Donley, Columbus
Helga Meta Doppleb, Hamilton
Barbara Brenning Dusenberry, Oberlin
Marda Lou Edmundson, Madison
Rebecca Jane Edwards, Oak Hill
Dorothy Jane Eisel, Rockford, Ill.
Mary Louise Eshhile, Columbus
Karen Bloom Faust, Peebles
Ann Shaw Ferguson, Rowayton, Conn.

Nanette Louise Fisher, Cleveland
Wendy Rita Fisher, Miami Beach, Fla.
Donna Jean Fosen, Sandusky
Marilyn Lentz Franklin, Columbus
Lynn Kay Fraunfeier, Circleville
Dian Sue Fredericks, Grove City
Claudia Wood Freeman, Pataskala
Ruth Darlene Gamble, Tiffin
Rita Clark Gasser, Smithville
Katherine Knisern Gecewich, Willoughby
Mary Ann Glover Georgenson, Columbus
Camille Claire Gladieux, Toledo
Nancy Sue Glenn, Ashland
Nancy Anne Grimmer, Norwalk
Pamela Elizabeth Grove, Cortland

Janis Ellen Hall, Berea
Georgia Elizabeth Hamrick, Circleville
Patricia Ellen Hanley, Newark
Nancy Lynn Henry, Cortland
Deborah Sanford Hilscher, North Canton
Margaret Ellen Iliff, Santa Maria, Calif.
Eileen Marie Janssen, Worthington
Patsey Pierson Jenkins, Mt. Vernon
Jo Margaret Jones, Harrod
Marsha Lynn Jones, Xenia
Janet Hill Kearnery, Columbus
Judith Gale Krell, Pepper Pike
Helissa Tina KruSch, Geanamde, N. Y.

Susan Elizabeth Kuhner, Columbus
Mary Louise Kurlich, Havertown, Pa.
Carolyn Murphy Lee, Pleasant City
Enid Diane Lefton, South Euclid
Jane Elizabeth Logan, Mt. Gilbord
Linda Ann Lomet, Mansfield
Sandradic Basharab Lustcr, Columbus
Martha May Mason, Cambridge
Rhonda Forman Maysy, Morehead, Ky.

Nancy May, Circleville
Jean Frances McCaw, Cuyahoga Falls
Elizabeth Emily Miller, St. Petersburg, Fla.
Marge Hunter Miller, Columbus
Marsha Sue Mills, Georgetown
Leila Berkeley Montgomery, New Lexington
Rebecca Ann Munnaw, Mansfield
Pamela Alexander Musgrave, Columbus

Ceil Felice Neumann, Northbrook, Ill.
Linda Irene Niersheimer, Yellow Springs
Randall Smith Nydegger, Rutherford, N. J.
Cynthia Nan Oberlin, Bryan
Maureen Elizabeth O'Brien, Columbus
Joanne Evans Oliver, Columbus
Susan Kay Oliver, Chillicothe
Susan Mary Oliver, Toledo
Mary Louise Patterson, Chesterland

Susan Chalmers Patterson, Cleveland Heights
Isabel Young Poling, Amanda
Marilyn Sue Postle, Hillsboro
Patricia Lou Frather, Lancaster
Nancy Bird Prox, Mt. Vernon
Charlene Metzger Ramsey, Washington C. H.
Charlotte Ann Reamick, Wilmette, Ill.
Jo Ellen Ricks, Niles, Mich.
College of Dentistry
Dean: John R. Wilson

Barbara Arlene Ridgway, Dover
Mary Susanna Roberts, Radnor
Karen Cordell Rush, Milford Center
Sharon Lynne Sabato, Cincinnati
June Ellen Sanders, Greenville
Arline Mutti Sarley, Stone Creek
Gail Leslie Schneider, Westfield, N. J.
Barbara Sue Scott, Westerville
Jeannette Sue Selby, Warren
Kathy Sue Sheets, Genoa
Deborah Kay Shipley, Columbus
Marcia Elaine Smith, Hopedale
Carol Sue Smytho, Columbus
Jane Stahler Stanfield, Michigan City, Ind.
Donna L. Steiger, Solon
Sandra Jean Stimmel, Kettering
Cheryle Ann Stone, Cambridge
Vicky Pedersen Tarris, Denver, Colo.
Karen Pearson Tate, Columbus
Marlene Mary Taucher, Cleveland
Diane Marie Tully, Short Hills, N. J.
Marlene Joan Volk, Crestline
Jody LaDeane Wallace, Conover
Kendra Lynn Wandel, Worthington
Susan Mary Warzowsky, Waldo
Constance Lee Wickizer, Carey
Pennie Ann Wilging, Mansfield
Carol Ann Witmer, Louisville
Jo Ann Wittenauer, Kent
Cynthia Sue Wolff, Medina
Christine T. Work, Columbus
Janet Marie Yake, Cardington
Nelda Louise Yest, Parkman
Janet Louise Young, Cuyahoga Falls
Donna Marie Zuck, Richmond Heights

Doctor of Dental Surgery
One hundred and thirty-two candidates
Louis Albert Andrews, Jr., Cincinnati
B.S. (Ohio University)
Michael Edward Arlin, Lima
Kevin John Armbrrecht, Cleveland
B.S. (Cleveland State University)
William Sanderson Baird, Dayton
David Jess Barabe, Dayton
B.S.Bus.Adm.
Frank Conrad Baumholtz, III, Cleveland
B.S. (Ohio University)
William Evan Beacham, Euclid
B.A. (Miami University)
Daniel Eric Becker, Spring Valley
B.S. (Ohio University)
Steven Robert Bohl, Urbana
Robert Harold Buchholz, Cincinnati
B.S. (University of Cincinnati)
Kenneth Barry Bundy, Toronto
B.A.
Stephen Hoover Burke, Defiance
Michael David Caporal, Dayton
B.S.
Clark Dowling Cellio, Columbus
B.A.
Bradley Philip Clark, Alliance
Ronald Leslie Clowson, Columbus
B.S.
Anthony Codispoti, Canton
John Andrew Corbett, Columbus
B.A. (Denison University)
Thomas Theodore Costello, Cincinnati
B.S. (Xavier University)
Robert Emerson Davis, Columbus
Angelo James DeFalco, Wintersville
Patrick Louis DelPloce, Youngstown
John Michael DeMarco, Shadyside
William Keith Duncan, Bay Village
Edward Charles Eberlin, Cleveland
B.S.
David Mitchell Edwards, East Canton
Dennis William Ellis, Columbus
B.A., M.S.
James Roger Fahrback, Columbus
Steven Heibert Ferriot, Stow
David William Ferris, Oxford
B.A. (Miami University)
Dale Frederick Finkbine, Hamilton
B.S.
Robert John Frank, Youngstown
B.S. (Youngstown State University)
Richard Lee Frankel
B.A. (Miami University)
Bruce Albert Frasz, Mansfield
B.S.
Brian Howard Freedman, Cleveland Heights
William Lloyd Fullerton, East Palestine
Ronald Blase Gade, Seven Hills
Richard William Gilmer, Jr., Lewisburg
Geoffrey Lee Gold, Columbus
Thomas Francis Graham, Canton
B.S. (University of Notre Dame)
Gary Arthur Greunke, Graytown
John Anthony Grinsdale, North Canton
Mark Henry Grosshandler, Zanesville
David Lee Grubb, North Canton
B.S.
Jeffery Paul Guest, Birmingham, Mich.
B.S.
Michael Alan Hall, Vandalia
Paul William Harr, New Boston
Robert William Hepler, Akron
Thomas Mitchell Hewlett, Columbus
B.S.
Jonathan Eric Hires, Toledo
Mark Steven Hodson, Lancaster
Jeffrey Terrell Hoffeld, Cincinnati
B.S. (University of Cincinnati)
James Allan Hoke, North Canton
Stephen Bowles Holliday, Lancaster
B.S. (Capital University)
Robert John Howard, Jr., Parma
B.S.
Thomas Edwin Hull, Delaware
B.S.
John Louis Iznaric, Cleveland

Bachelor of Science in Nutrition
Two candidates
John Michael Krafchik, Parma Heights
Linda Kay Van Damski, Worthington

Bachelor of Science in Restaurant Management
One candidate
John James Marchnick, Cuyahoga Heights
Donald Carl Jeffers, Roanoke, Va.
Dennis Bruce Johnson, Columbus B.S.
Ronald Kleinotic, West Richfield
Richard Morris Klespies, Akron
John George Kostohryz, Columbus B.S.
Ronald Klenotic, West Richfield
Richard Morris Klespies, Akron
Donald Ray Lee, Columbus B.S.
James Robert Levontry, Brecksville B.S. (Adrian College)
Lawrence Robert Liguore, Akron B.A.
John Edward Long, Hamilton B.A.
Robert Gregory Lowry, Warren
Rickey Edward Luxar, Crestline
James Lee Mast, Dover
Thomas Roush McDonald, Circleville B.S.
Dale Edgar McLean, Columbus
Joseph Michael Minetti, Youngstown B.A. (Miami University)
Joe Ike Mitchell, Jr., Canton
Joseph Anthony Mitchell, Girard
Gregory Dana Monroe, Lima
Herold Douglas Mouey, Rittman B.A., M.S. (Southern University of Illinois)
Richard Charles Nyzen, Jefferson B.S.
Konrad Omeltschenko, Apple Creek B.S.
Thomas Edwin Osterday, Cincinnati B.S. (Xavier University)
Thomas Philip Partridge, Hillsboro
William Fredrick Partridge, Columbus B.S.
Joe Allen Patton, Lima
Joseph Edward Pierce, Dayton B.A. (Depauw University)
Randall Martin Pohjola, Middletown
Timothy Lee Pohman, Reading
Dan Melbourne Prucha, Bedford
Kenneth Charles Reed, Philo
B.S. (Ohio University)
Robert Richard Reese, Bay Village
Jay C. Renwick, Cleveland
Jon Marc Rhodes, Cincinnati
David Alan Rhodes, Lowellville
Paul Anthony Ricchetti, Jr., Cleveland B.S. (Ohio University)
Gary Donald Robinett, Miamisburg
Ralph H. Rosenbloom, Jr., Columbus B.A. (Miami University)
Thomas Peter Russin, Steubenville
Dean Carroll Rust, Eaton B.S. (Manchester College)
Paul Wehlade Schanber, III, Springfield
B.A. (Indiana University)
Rickie Craig Scheid, Sandusky B.A. (Ohio Wesleyan University)
Andrew Scislo, Cleveland
Mark Frank Sedlak, Mansfield
Irwin Bruce Shapiro, East Liverpool B.A. (Ohio Wesleyan University)
John Robert Sheets, Gallipolis B.S. (Ohio University)
Thomas Paul Shopper, Akron
Dale Roland Siemer, Cincinnati B.A. (University of Cincinnati)
James Lee Sims, Troy B.S.
David Michael Sinar, Akron B.S. (John Carroll University)
David Heber Slack, Zanesville B.S.
Mark Steven Smilack, Columbus
John Philip Smith, Jr., South Euclid B.S. (Ohio University)
William Paul Sockman, Columbus B.S.
David James Spangler, Oak Harbor
Robert George Staller, Akron B.A. (University of Akron)
Steven Lee Stealey, Ashland B.S.
Michael David Stern, Cleveland B.S.
Marc Barrett Sternberg, Akron
Donald Layne Stone, Columbus B.S. (Purdue University)
Thomas Alfred Tallbacka, Ashtabula
Thomas Charles Thuma, Jamestown B.A. (Denison University)
Nicholas Joseph Tomasi, Lima B.S.
John Richard Trippy, St. Joseph, Ill.
Thomas Edgar Tuckerman, Athens
Daniel Janse VanAntwerp, Solon B.A. (Denison University)
Joseph John VanBalen, Jr., Columbus
James Jerome Varley, Youngstown B.S. (University of Dayton)
Joel Milton Weaver, II, Akron B.S. in Pharm. (Ohio Northern University)
John William White, Upper Arlington
James Michael Whitley, New Boston B.S. (Ohio University)
Robert Hannah Williams, Jr., Cincinnati B.A.
Michael Stewart Woodell, Shelby B.A.
Jacob Yosefatz, Cincinnati B.S. (University of Cincinnati)
James Gregory Zalelot, Broadview Heights B.S. (University of Dayton)

Certificate of Graduate Dental Hygienist
Seventy-seven candidates

Janice Elizabeth Balk, Columbus
Robin Lee Barnheiser, Dayton
Vicki Ann Barnhouse, Columbus B.A.
Martha Post Baxter, Fremont
Robbin Josephine Benik, North Canton
Wendy Gayroe Benner, Wadsworth
Pamela Jane Beeter, Martins Ferry
Brunnhilde Biets, Tiffin
Judith Marie Blazer, Parma
Kay Ellen Bremer, Toledo
Janice Elaine Busch, Marion
Suzanne Hayden Cameron, Columbus
Bonnie Susan Campbell, Brecksville

* Also Bachelor of Arts.
   College of the Arts and Sciences
Becky Lynn Christy, Toledo  
Jane Ann Cochran, Columbus  
Nanette Finley Davis, Xenia  
Barbara Colleen Deluca, Washington, D.C.  
Diane Deborah Fiedrich, Worthington  
Karen Ann Detch, Columbus  
Debra Lynn Drube, Cincinnati  
Rae Ellen Dubach, Ashland  
Jennifer June Dunn, South Vienna  
Patti Sue Epstein, South Euclid  
Constance Lee Fisher, Columbus  
Shandonia Marie Flagel, Dayton  
Barbara Ayers Ford, Mt. Vernon  
Elizabeth Marie Grigonis, Euclid  
Lubomira Hadzima, Euclid  
Marsh Shaw Hall, Dayton  
Patricia McCarley Heaton, Hillsboro  
Brenda Sue Henehan, Dayton  
Mary Elizabeth Hodbey, Owosso, Mich.  
Vicki Lynn Jacobs, Mansfield  
Kathleen Loretta Kaye, Brecksville  
Sandra Sue Keyerleber, Mentor  
Claudia Lou Kiefer, Middleburg Heights  
Ann Loraine Kobilarski, Wooster  
Betty Lee Lewis, Cincinnati  
Catherine Ambrose Llewellyn, Lorain  
Susan Louise Mandel, Cleveland Heights  
Maureen Marquard, Cleveland  
Jean Elizabeth Marshall, Kettering  
Patricia Ann McCloy, Cincinnati  
Paula Jinnett McWherter, Lyndhurst  
Jorayln Mies, Galion  
Cynthia Louise Molyet, Fremont  
Lenita Geiger Mullin, Columbus  
Pamela Ann Murphy, Springfield  
Joyce Renee Myers, Peninsula  
Diane Felicia Navarre, Lima  
Terry Lee Osborne, Hamilton  
Michele Marie Owens, Alliance  
Caroleyn Cannon Randall, Logan, Utah  
Sharon Diane Ray, Lancaster  
Marlene Ann Reineke, Bellevue  
Ellen Joyce Ross, Toledo  
Karen Jean Ross, Lyndhurst  
Constance Sue Seekel, Mansfield  
Shirley Ann Shade, Versailles  
Jeanne Ryan Sines, Circleville  
Elaine Kay Sisca, North Canton  
Pamela Jean Smith, Montroseville  
Victoria Margaret Smith, Englewood  
Marshia Lynn Sowash, Warren  
Susan Diane Stegmiller, Columbus  
Fabienne Frey Stout, Fremont  
Brenda Joy Taylor, Galion  
Dana Lee Testerman, Lebanon  
Renee Trepanier, Middleburg Heights  
Barbara Waggoner Whitford, Kettering  
Robin Laurie Wilkes, Lyndhurst  
Mary Patrice Williams, Washington  
Mary Kay Wolf, Alliance  
Deborah Dean Yore, Columbus  
Susan Ann Yung, Beachwood  
Jennifer Lynn Zelik, Dayton  

Bachelor of Science in Education  
One thousand and seventy-six candidates  

Jay Wayne Abels, Ashland  
Jo Anna Ackerman, Bellville  
Annette Davis Adams, Worthington  
Stephen Harris Adams, Columbus  
Arthur Anderson Addins, Amherst  
Timothy Arthur Addins, Elyria  
Bonita Helaine Adler, Beachwood  
Patricia Marilyn Agler, Prospect  
Samuel Alexander, Columbus  
Donna Jo Allen, Akron  
Linda Pick Allenbach, Columbus  
Teresa Mae Allerding, Loudonville  
Jen Lee Amos, Mansfield  
Dorothy Ziemak Anderson, Galena  
Kristin Lynne Anderson, Dayton  
Sandra Lee Anderson, Strongsville  
Deborah Susan Andrews, Hinsdale  
Judith Marie Angelo, Columbus  
Daniel Edward Arndt, Grove City  
Laura Josephine Arubele, Lakewood  
Donald Gordon Ardrey, Columbus  
Craig Stephen Armstrong, Columbus  
Michael Joseph Armstrong, Columbus  
Debra Ann Artentine, Cleveland  
Marianne Artrup, Chillicothe  
Kathy Louise Ash, Pittsburgh, Pa.  
Natalie Ann August, Springfield, Ill.  
Jerry James Autenrieth, Grove City  
Victoria Annette Backett, Reynoldsburg  
Mary Carolyn Bagley, Chagrin Falls  
Deborah Ann Bailey, Cincinnati  
Steven Allen Bailey, Columbus  
Nancy Schreiber Bain, Rochester, N.Y.  
Geraldine Theresa Bajzer, Cleveland  
Bonnie Sue Ball, Worthington  
Erwin Jason Bandy, Pataskala  
Caroline King Barabani, Mansfield  
Norine Paula Baratt, Cleveland  
Dorothy Irene Barber, Newark  
David Michael Barhorst, Sidney  
Matathias Abraham Barouch, Columbus  
Leslie Habel Barr, Kettering  
Sue Ann Barrett, Columbus  
Denis Elton Barry, Wellesley  
Larry Mark Bartos, Campbell  
Rene Delna Bartsch, Jr., Columbus  

1 Also Bachelor of Arts, College of the Arts and Sciences  
2 Also Bachelor of Science in Education, College of Education
Ann Louise Monn, Shelby
Jeffrey Stephen Monroe, Oberlin
Stephanie Ann Moore, Newark
Lisa Anne Moran, Youngstown
Margaret Gertrude Morris, West Jefferson
Elaine Furniss Mort, Waldo
Brenda Jo Mott, Troy
Janet Suzanne Motter, Rawson
Linda Kay Mower, Fairborn
John Bruce Mower, IL Columbus
Sharon Schiefher Mueller, Bucyrus
Raymond Wayne Murolo, Lancaster
Karl Laslo Mulvaney, Indianapolis, Ind.
Kathleen Cassidy Munday, Berea
Glory Everett Mundt, Heath
Patricia Smith Murphy, Columbus
Alan Paul Mustard, New Concord
Kathleen Mustard, Warrensville Heights
Kathy Jean Music, Seven Hills
Christina Schafer Myers, Columbus
Patricia Ann Myers, Chicago, Ill.
Margaret Ann Nakagawa, Columbus
Jeanne Joy Nardone, Columbus
Robert Frederick Nash, Columbus
Anne Victoria Neff, Cleveland
Marlene Landau Neiman, Shaker Heights
Cary Dean Neptune, Wellington
*David Max Neubauer, Columbus
Robert Charles New, Marion
Dorothy Stewart Newbill, Willard
Lorraine Maureen Newell, Cleveland
Karen Gail Newland, Heath
Bonnie Kay Nicholls, Galion
Dorie Ellen Niewood, Plainview, N. Y.
Barbara Skaggs Nigh, Bucyrus
*James Alan Norris, Columbus
Kathleen Sargent Norris, Monroeville
John Charles Norton, Warren
Sherrie Suzanne Nussbaum, University Heights
Margaret Anne Nussbaum, New Philadelphia
Alexandra Wladyska Nyzen, Jefferson
Kathleen Marie O'Brien, Columbus
Gwendolyn Lee O'Guin, Uhrichsville
Deborah Ann Olinger, Wilmington
Marilyn Clark O'Neal, Columbus
Vincent Edward Opet, Columbus
Eve Popenheim, Beachwood
Frances Bolding Orban, Mansfield
Jan Lee Osborn, Belmore
Wanda Jean Owen, Parma
*Michele Marie Owens, Alliance
Jean Shaw Panek, Amherst, N. Y.
Dennis Drew Pappas, North Ridgeville
Ann Cecelia Parrish, Columbus
Susan Lynn Patterson, Zanesville
Nancy Beck Paul, Columbus
Barbara Ann Peiffer, Piqua
Jilda Anne Pennington, Lima
Hazel Emma Pepke, North Royahon
Charles Frederick Pippel, Sr., Wapakoneta
Marlene Ellen Perlman, Canton
Ruth Miley Peters, Marion
Karen Elizabeth Petkus, Marysville
Pamela Lambcke Petty, Wilmington
Ruby Lee Petty, Mansfield
Judith Ann Pfieffer, Newark
Audrey Jean Pfeiffer, Mansfield
Patricia Ustick Pfeiffer, Columbus
Pamela Jeanne Phalen, Oberlin
John Thomas Phelps, II, Zanesville
Kathryn Ann Phillips, Lima
Linda Lou Phillips, Rocky River
Susan Elizabeth Phillips, Columbus
Patricia Ann Placently, Marion
Molly Kathleen Pickard, North Canton
Dan Reed Pickens, Columbus
Thomas Wayne Pieratt, Lewisburg
Melissa Geil Pintar, Miami, Fla.
Constance Brink Pixvetta, Columbus
Thomas Carroll Place, Lima
Barry Allen Pluta, North Ridgeville
Stephen David Plymale, Hilliard
Michelle Marie Pocz, Fredericktown
John Thomas Poling, Marysville
Suzanne Jo Polister, Cleveland
Pamela Dee Polk, Pittsburgh, Pa.
Carol Jean Poppe, New Bremen
Sherly Ann Porterfield, Independence
Melinda Sue Potts, Lancaster
Dorotha Poulos, New Bedford, Mass.
Karen Tinker Poulton, Jackson
Melanie Diane Pratt, Columbus
Philip Melvin Prentice, North Lawrence
Linda Rae Probasco, Zanesville
Rhoda Staples Pratt, Canton
Daria Smith Pruit, Columbus
Shirley Reiser Pultno, Mansfield
Helen Sinclair Quinn, Columbus
Joselita Rado, Cleveland
Raymond Carl Radauge, Jr., Columbus
Jack Lynn Bairdiger, Columbus
Sheila Sue Rakusin, Cleveland Heights
Ofeilia Domingo Ramirez, Bucyrus
Kathleen Ann Ramsey, Ashland
Donald Lee Randall, Mansfield
Nicki Lee Randolph, Salineville
Sammy Lee Rapats, Cambridge
Laura Nadine Rayburn, Lima
Laurie Ellen Rayzen, East Paterson, N. J.
Mary Loretha Reeder, Ottawa
Craig Schrock Redett, Columbus
William John Reed, Detroit, Mich.
Linda Leffingwell Rehmert, Grove City
Beatrice Ann Reichardt, Liverpool, N. Y.
Stephen Charles Reichley, Thornville
Terri Reisman, Bayside, N. Y.
Barbara Sue Reynolds, Fairborn
Martha Fran Remich, Beachwood
Carmencita Elaine Richardson, Anna
Sheila Gene Richison, Columbus
Michele Anne Richter, Thornville
Sandra Lucille Rideour, Dayton
Deborah Kay Riedmiller, Columbus
Richard Charles Rippel, Dover
Gretchen Schneider Risch, Columbus
B.S. (Capital University); M.S.
Jodie Minisit Risolvato, Parma
Regina Ann Ritz, Cleveland
Connie Kohler Roberts, Columbus
Paula Sue Roberts, Columbus
Karen Kanter Robbins, Columbus
Cynthia Lea Robinson, Newton Falls
Joseph Michael Roche, Barrington, R. I.
Sharon Sue Roche, Columbus
Louetta Jean Inceore Rock, Mansfield
Leonard Warren Rockey, Columbus
Rebecca Winner Roeterman, Osgood
Joan Roettinger, St. Marys
Dow Albert Rogers, Jr., Columbus
Lois Marie Rohrer, Orrville
Virginia Pauline Rojas, Pinckney, N. J.
Helene Marilyn Rollins, University Heights
Barbara Alice Romoser, Euclid
Phyllis Bernstein Rosen, Columbus
Sharon Rosen, Aliquippa, Pa.
*Jerome Howard Rosenberg, Cleveland

* Also Bachelor of Arts, College of the Arts and Sciences
† Also Certificate of Graduate Dental Hygienist, College of Dentistry

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Marcha Blum Rosenberg, University Heights
Ira Jay Rosenstein, New York, N. Y.
Christine Caldwell Rosier, Columbus
Janet Monnett Roth, Columbus
Neil Howard Rothschild, Shaker Heights
Jane Milburn Roush, Etna
Susan Barbara Rubin, Williamsville, N. Y.
William Rubinstein, Miami, Fla.
Richard Lee Ruth, Sylvania
Mary Luemer Rumfield, Mt. Vernon
Carol Jean Russell, Parma
Charlotte Russell, Columbus
Mary Jane Russell, Gallipolis
Steven Neal Russell, Bedford Heights
Mary Waggener Sabatino, Columbus
Amy Louise Saboske, Findlay
Richard Allen Sachs, Queens, N. Y.
Karen Jones Safte, Columbus
Carol Ann Salisbury, New Vienna
Linda Lou Salvati, Crestline
Elena Rose Sanchirico, Canton
Jeffrey Kimmell Sanders, Rocky River
*Janet Wagner Sandor, Mansfield
Marjorie Lucile Sanger, Orwell
Peggy Avery Sattelmeyer, Dayton
Clare Webb Schaefer, Columbus
Francine Michele Schatzberg, Lynbrook, N. Y.
Mary Ann Schaufert, Lancaster, Pa.
Sonia Schechtmann, Hamilton
Ronald Eugene Schilt, Dayton
Janet Louise Schild, Akron
Diane Marie Schlatter, Youngstown
Joanne Arline Schlessman, Milan
Virginia Cleveland Schmeltzer, Twinsburg
Dale Allen Schmid, St. Marys
Emily Rose Schmieder, Columbus
Kendra Jean Schmoller, Minster
Jo Ann Schrader, Lebanon
Michael Lee Schrook, Smithville
Georgiana Keller Schroo, St. Marys
LaDonna Marlene Schultz, Delaware
Larry Eugene Schultz, Archbold
Sharon Heidlebaugh Schwarzwalder, Streve
Joseph Benedict Scialli, Lorain
Jack Eugene Scott, Mt. Vernon
Judith Lynn Scott, Columbus
Mildred Digel Seigfried, Greenwich
Mary Waggeon Seipel, Columbus
Cheryl Glenn Seitz, Green Camp
Stephen Arthur Seif, Washington C. H.

Sherry Rebecca Selzer, Passaic, N. J.
Mary Margaret Setcavage, West Jefferson
Jane Christine Settles, Middletown, N. J.
Ida Harper Sewell, Columbus
Judith Ann Shade, Garfield Heights
Kathy Jo Shahan, Greenfield Heights
Phyllis Smith Shaner, Columbus
Nancy Carol Shaw, Marysville
Paula Jean Sheldon, Green Springs
Susan Kay Shepherd, Rockford, Ill.
Allen Lawrence Sherer, North Robinson
Jean Phillips Sherer, Tiro
Jurdine Sherwood, Wooster
Cynthia Jane Shilt, Dayton
Patricia Jean Shipp, Mansfield
Linda Bayly Shively, Columbus Grove
Susan Joannes Shively, Louisville, Ky.
Gary Dee Shoemaker, London
Jeffrey Charles Shough, Columbus
Sandra Lynn Shoup, Lima
Martha Jane Sido, Toledo
Sandra Leslie Sigall, Miami, Fla.
Evelyn Siegel, Red Bank, N. J.
Jerome Les Siegel, Cleveland Heights
Penny Lee Siegel, Glencoe, Ill.
Teresa Anne Sieren, Toledo
Carol Sue Silbert, Massapequa, N. Y.
Audrey Lynne Silverman, South Euclid
Barbara Ann Silverman, Lincolnwood, Ill.
Janis Lynne Simon, Southfield, Mich.
Ronald Grayson Skelton, Canton
Gregory Lynn Skidmore, Belle Center
Barbara Helene Skolnick, Westbury, N. Y.
Cindy Lane Skufca, Chesterland
Laurie Beth Slavin, Oceanside, N. Y.
Diane White Slawson, Van Wert
Sheryl Lynn Smilan, Lima
Alice Osburn Smith, Kenton
Ann Hinterschied Smith, Columbus
Bruce Edward Smith, Columbus
Dennis Arland Smith, Ashtabula
Glenn Kirk Smith, Jr., Powell
B.S.
Janecte Ellen Smith, Colorado Springs, Colo.
Linda Smock Smith, New Lexington
Margaret Lynn Smith, Columbus
Kenton
Sharon Frances Smith, Westville
Jo Ann Hedding Snedegar, Columbus
Marla Vogelaar Snider, Fairview Park

Jan Hume Snyder, London
Corey Michael Soldano, North Olmsted
Roger Ralph Solt, Columbus
Brendina Ann Solis, Toledo
Judith Ann Sonetage, Columbus
Tonia Alexander Souder, Columbus
John William Sowry, Dorset
"Spire George Spantithios, Columbus
Paula Ann Spar, Ada
Stephen Alan Speece, Berlin Center
Phyllis Wentz Spohn, Glenford
Mary Jane Spooner, Cincinnati
Brenda Joyce Springer, Plymouth
Frances Ann Sprouse, Gahanna
Linda Feasel Spurgoon, New Albany
Nancy Beck Staley, Columbus
Kathy Joy Stamper, Cleveland
Wanda Kay Stamps, Columbus
Julie Anne Stark, Crestline
Alan Gary Starkoff, Pepper Pike
Tori Danaceau Starkoff, Shaker Heights
Carolyn Lavell Starnes, Mansfield
Diane Susan Stater, West Orange, N. J.
Karen Sue Steinbrook, Columbus
Traci Katherine Steinebrey, Mansfield
Deborah Jean Steinecker, St. Marys
Robert Walter Stephens, Cleveland
Sherly Lynn Stephens, Dayton
Lee Mars Sternberg, Akron
Geneva Brewer Stewart, Columbus
Janet Anne Stites, Maumee
Susan Anne Stites, Canton
Marceylon Irene Stobbs, Dillenvale
Wendy Lee Stoltz, University Heights
Deborah Lee Stone, South Euclid
Robert Warren Stone, Beachwood
Shirley Ross Stormann, Lima
Connie Lee Strawer, Columbus
Phillip Samuel Strickland, Cincinnati
Linda Wensel Stroud, Jr., Worthington
B.S. Agr.
Katherine Wenger Stutz, Columbus
Joyce Alayne Sullivan, South Charleston
Michele Lee Sullivan, Maumee
Debra Holly Sumers, South Euclid
Mary Lois Swoboda, Maumee
Wendy Lynn Syrkin, Woodbridge, Conn.
Daniel Mark Tamburrelli, Huntington, N. Y.

* Also Bachelor of Arts, College of the Arts and Sciences
Twenty-seven candidates

Susan Barbra Couch, New York, N. Y.
Carolyn Maricar, New York, N. Y.
Barbara L. Davis, New York, N. Y.
Patricia Edith Davis, New York, N. Y.
Margaret Ann Davis, New York, N. Y.
Mary Elizabeth Davis, New York, N. Y.
Joyce Ann Davis, New York, N. Y.
Karen Louise Davis, New York, N. Y.
Kathleen Anne Davis, New York, N. Y.
Joan L. Davis, New York, N. Y.
Janet Mary Davis, New York, N. Y.
Suzanne Elizabeth Davis, New York, N. Y.
Dorothy Davis, New York, N. Y.
Joan Davis, New York, N. Y.
Linda Davis, New York, N. Y.
Mary Alice Davis, New York, N. Y.
Jane Marie Davis, New York, N. Y.
Susan Davis, New York, N. Y.
Nancy Davis, New York, N. Y.
Patricia Davis, New York, N. Y.
Joan Davis, New York, N. Y.
Martha Davis, New York, N. Y.
Margaret Davis, New York, N. Y.
Mary Lou Davis, New York, N. Y.
Joan Davis, New York, N. Y.
Linda Davis, New York, N. Y.
Mary Ann Davis, New York, N. Y.
Susan Davis, New York, N. Y.
Joan Davis, New York, N. Y.
Karen Davis, New York, N. Y.
Mary Jane Davis, New York, N. Y.
Patricia Davis, New York, N. Y.
Joan Davis, New York, N. Y.
Linda Davis, New York, N. Y.
Mary Alice Davis, New York, N. Y.
Joyce Ann Davis, New York, N. Y.
Karen Louise Davis, New York, N. Y.
Janet Mary Davis, New York, N. Y.
Joan L. Davis, New York, N. Y.
Janet Mary Davis, New York, N. Y.
Joan L. Davis, New York, N. Y.
Bachelor of Aeronautical and Astronautical Engineering

Two candidates

John Everett Barrett, Columbus
Randall Peck Stotts, Waynesfield

Bachelor of Science in Aeronautical and Astronautical Engineering

Thirty-two candidates

Paul Woodland Alexander, Columbus
Robert Edward Anderson, Chillicothe
Steven Craig Bochmer, Columbus
Raymond Walter Brow, Jr., Euclid
Crockett Thomas Bula, Amherst
William Loren Cantor, Columbus

Handy Wayne Dipper, Worthington
William Roger Donberg, Avon
Richard Lynn Edinger, Hulfton
Steven Lee Ellis, Willowick
David Paul Endres, Columbus
Peggy Lou Evanich, Minerva
Royce Shed Few, Dayton
Jeffrey S. Finton, Findlay
Edward Lynn Grau, Sunbury
Randall John Harabin, Independence
John Frederick Hermack, Emerson
Felix Manuel Huertas, Columbus
Charles Theodore Kitzmiller, Columbus

Timothy K. Layman, Altamonte Springs, Fla.
Randolph Eric Maier, Columbus
Thomas William Marquart, Sandusky
Richard Thomas Morrison, Columbus
Steven Michael Page, Columbus
Larry James Reed, Barnsville
John Hamilton Richardson, Lisbon
Dale Michael Swiatek, Garfield Heights

George Edward Theobald, Cincinnati
Joseph John Wagner, Columbus
Henry Wolowiec, Fitch Amboy, N.J.
Robert Alan Woodward, Howard

Bachelor of Science in Agricultural Engineering

Two candidates

Donald Wayne Demorest, Wadsworth
James Perry Surber, Hillsboro

Bachelor of Civil Engineering

Three candidates

Steven Dean Clapham, Worthington
Adam Gray Holterhoff, Jr., Cincinnati
James Virgil Shivers, Columbus

Bachelor of Science in Ceramic Engineering

Five candidates

Ron Lewis Babcock, Columbus
Joseph Michael Baranski, Cedar Knolls, N.J.
Charles Gerald Bigler, Columbus
Robert Alan Jaynes, Dundee, Ill.
Rodney Lee Ward, Columbus

Bachelor of Chemical Engineering

Nine candidates

Jerome Frederic Beekman, Columbus
Thomas P. Cribbs, III., Apollo, Pa.
Aaron Leroy Goodman, Wapakoneta
Gary Ernest Hoam, Mt. Gilead
Gary Lee Lukat, Euclid
John Robert Raabe, Delphos
Thomas Joseph Rusnak, Parma
Dennis Dunbar Terry, Nashua, N.H.
John Adam Thomas, Diamond

Bachelor of Science in Chemical Engineering

Twenty candidates

Mark Edward Buffington, Findlay
Lawrence Gerard Cars, Strongsville
Harold Nicholas Conkie, Columbus
Gustavo Adolfo Correa, Medellin, Colombia
Richard Andrew Creer, Rocky River
Charles Bernard Ernst, Fort Loramie
James David Flesham, Salisbury, Rhodesia
Donald Jay Goldhardt, Grove City
Philip Thomas Hines, Jr.

Broadview Heights
Howard James Johnson, Shadyside
William Eric Johnson, Dayton

* Also Bachelor of Music Education
** Also Bachelor of Science in Computer and Information Science, College of Engineering
Edwin Pope Kawasaki, II, Broadview Heights
Edward Keith King, Columbus
William Charles Leipold, Franklin Lakes, N. J.
Hubert Merle Litt, Mt. Vernon
David Glenn McCluskey, Selo
Michael Allen Nebbler, Columbus
Linda Marie Orth, North Canton
James Paul Russell, Columbus
Joe Dale Wernstaff, Columbus

**Bachelor of Civil Engineering**
Three candidates
Bruce Alan Claugus, Barresville
Roger Wayne Ketcham, Lima
*Richard Steven Sacks, Columbus

**Bachelor of Science in Civil Engineering**
Thirty-six candidates
Tomas Arturo Aguiera, Dayton
Joe Wonderley Allen, Columbus
Ronald Lee Ames, Sycamore
Mitchell Wade Becker, Rutherford, N. J.
Richard Clark Bryant, Columbus
Gary Duane Daugherty, Wooster
Mark Ledden Eisenman, Dennis
James Lewis Henry, Columbus
Charles Theodore Koerner, Columbus
Marc Robert Kritzner, University Heights
Edward Earl Litt, Fredericksburg
Michael Stephen Luther, Columbus
Thomas Alan Lyon, Ravenna
Michael Peter Makuley, Columbus
Mark Jay Maxwell, Brunswick
James Edward McQuirt, Mechanicsburg
Kenneth John Meyer, Fort Jennings
James Richard Murphy, II, Wooster
Gary Joseph Nettler, Columbus
Edward Charles Perrara, Livingston, N. J.
Farhad Peseshian, Columbus
David Charles Phillips, Greenfield
Lee Allen Pierce, Columbus
Richard Alan Renneker, Hamilton
Dennis Eugene Royer, Massillon
Ronald Dean Ryan, Martinsburg
David Dean Schultz, Parma

Stephen Jeffrey Semple, Columbus
David Lee Stevenson, Mansfield
John Andrew Strok, Bedford
Jeffrey Paul Touissant, Alliance
Richard Douglas Weikel, North Canton
Stephen Jeffrey Welk, Grand Island, Neb.
James Charles Widman, Norwalk
Frederick Gilbert Wiegand, Mansfield
Robert Calvert Yoxthimer, Columbus

**Bachelor of Science in Computer and Information Science**
Nineteen candidates
Dennis Patrick Bergfield, Lima
Bernard Sheldon Charnas, Mayfield Heights
Eddie Kai Fuon Chin, Columbus
B. S. (University of Illinois)
Randall Wayne Dipner, Worthington
Ray Thomas Dove, Akron
Danny Joseph Gibbs, Circleville
Samuel Dee Hunsaker, Lima
Forest Robert Jacobs, Louisville, Ky.
Robert Alan Jacobs, Shaker Heights
Chi Pung Lam, Hong Kong
John Bobb McDowell, Akron
Fred Steven Mushkat, Columbus
Susan Lee Pansing, Kettering
James Eric Petticrew, New Carlisle
Joseph Howard Shearer, Tipp City
William Clyde Stockum, Coshocton
Charles Dewey Tabor, III, Jackson
John Lawrence Thomas, Columbus
Anton William Udelis, Mayfield Heights

**Bachelor of Electrical Engineering**
Thirteen candidates
*Charles David Becher,
Louisville, Ky.
Benjamin Wilson Berry,
Millville, N. J.
Amin Farid Bishara, Columbus
Richard Gale Herd, Plain City
Roger Ellis Kusinski, Columbus
Sam Shu Fu Law, Toledo
*Duane Wing Lee, Columbus

David Edward Orin, McDermott
*Mark Alan Robb, Hinchey
*David Leslie Sampson, Columbus
James Stanley Smearly, Columbus
Homer Stephen Taylor, Columbus
Scott Alan Wilkins, Sandusky

**Bachelor of Science in Electrical Engineering**
Twenty-eight candidates
Robert Thomas Abt, Doylestown
Stephen Dennis Arling, Bellbrook
James Howard Baley, Westerville
Mark William Benda, Shaker Heights
Dale Hilliard Brown, Columbus
Bruce Frederick Carlton, North Olmsted
Robert Michael Cram, Cuyahoga Falls
Gregory John Cyran, Lorain
William Lee DeMars, Toledo
Robert Raabe Dickson, Columbus
Richard August Eskuchen, Maple Shade, N. J.
Ronald A. Gasser, Rittman
William Henry Hitchcock, Columbus Station
John Joseph Houston, Columbus
Kenneth Alan Javor, Lorain
Randall Eugene Karl, Crestline
Aiden Bayard Oakes, II, Columbus
Donald E. Ortman, Thornville
Thomas Johnson Page, Jr., Groveport
Eugene Reeves Salby, II, Columbus
James Lawrence Sanford, Cincinnati
David Carl Shults, Columbus
Gregory Stepp, Twinsburg
Douglas Fox Tomlinson, Columbus
William Raymond Twardy, Columbus
Vandai Vo, Danang, South Vietnam
Charles Allen Waugh, Columbus
Gary Lee Wemer, Westerville

**Bachelor of Science in Engineering Physics**
Six candidates
John Michael Burke, Portsmouth
Joyce Elisabeth Camping, Dayton
James Russell Crabtree, Pataskala
*
** Also Bachelor of Science in Aeronautical and Astronautical Engineering, College of Engineering
*** Also Bachelor of Science in Industrial Engineering, College of Engineering
Bachelor of Science in Mechanical Engineering
Forty candidates
Roger Carl Anderle, Elmira
Charles Michael Bayles, Galion
Douglas Alan Bogart, Wapakoneta
David Lawrence Boger, Akron
Denny Lloyd Carroll, Elyria
Terry Lee Cox, Kettering
Kris Allen Dettz, Bexar
Darrell Anthony Emerick, Lorain
James David Fisher, Columbus
James Loren Fogg, Newark
Richard Louis Hall, Springfield
Mark Ailing Hathaway, Sarasota, Fla.
Robert Earl Hawley, Columbus
Howard Hartley Horne, Cincinnati
Mark Walter Hunter, Scottsdale, Ariz.
Peter Marvin James, Warren
Dan Russell Jarvis, Wellston
David Leo King, Columbus
Edward Eugene McCauley, Jr., Columbus
David Martin McKinnon, Bucyrus
David Bruce Meredith, New Philadelphia
Tommy Lee Miller, Cheshire
Paul Ross Mingler, Columbus
David Norris Mullinix, Grove City
LeGrande David Myers, Zanesville
Frank David Pallak, New City, N. Y.
Joseph Albert Poepelpmann, Yorkshire
Phillip Wayne Rambo, New Lexington
Rex Roberts, Mentor
Vernon Joseph Sanborn, III, Mentor
Lawrence Otto Schnipke, Delaware
Robert Kurt Schwartz, Columbus
Dale Leslie Smith, Latham
Keith Layton Smith, Jr., Mentor
Robert Dale Smith, Columbus
Glen Edward Sweeney, Kettering
James Jay Tangenberg, Cuyahoga Falls
Gary Wayne Uhl, Columbus
John David Waddell, MIamisburg
Bernard Thomas Zuk, Columbus
Le Khae Hien, Saigon, South Viet Nam
Charles Michael Hofmann, Jr., Akron
John Louis Michael, Columbus
James Arthur Moore, Jr., Columbus
Charles Raymond Morin, Jr., Columbus
Donald Ray Stickle, Columbus

Bachelor of Science in Metallurgical Engineering
Eight candidates
Thomas Jeffrey Crayle, Amherst
Thomas Riley Heflin, Bedford Heights
Stephen Douglas Joesten, Dayton
Eugene Leo Liening, Yorkshire
Ralph Everett Showman, Liberty Center
Richard William Trebarne, Xenia
Paul Joseph Walsh, Willowick
Gerald Robert Watson, Miamisburg

Bachelor of Welding Engineering
Four candidates
Philip Doyle Flenner, Columbus
John McDaniel Sanders, Cincinnati
Kenneth Barry Thompson, Columbus
"Michael James Tomsic, Lockbourne"

Bachelor of Science in Welding Engineering
Two candidates
Michael Lee Killian, Hicksville
Donald Lee Lynn, Columbus

School of Architecture

Bachelor of Architecture
Sixteen candidates
James Eric Calhoun, Columbus
George Douglas Feltham, Columbus
Melvin Dale Felty, Columbus
Arden Errol Freeman, Newark

* Also Master of Science, Graduate School
** Also Bachelor of Science in Computer and Information Science, College of Engineering
Don Edwin Gilmore, Columbus
Claude Nelson Heavox, Newark
John Franklyn Hedge, Jr., Worthington
Michael George Henning, Columbus
Thomas Barry Jester, Columbus
Michael Evan Jones, Columbus
Charles Louis Krzyzak, Barberton
Wesley Eugene Law, Delaware
Larry Stanley Robinson, Columbus
Bert Rene Urfer, Weehawken, N. J.
John Clifton Urton, Harrisburg

Bachelor of Science in Architecture
Sixty candidates

Charles Banesi, Cleveland
Joseph Arnold Barany, Jr., Portsmouth
Edward Bayer, Seven Hills
Rodney Lewis Beechner, Mansfield
Mary Catherine Betley, Columbus
Richard John Bilesimo, Manor, Pa.
Howard Gene Birmberg, Youngstown, N. Y.
Kenneth Thorpe Bowen, Columbus
Gregory Kenneth Brewer, Mountain Lake, N. J.
William Michael Brown, Columbus
Gordon Lynn Brubaker, Pittsburgh
Grace Taylor Crews, St. Louis, Mo.
William Bruce Curtis, Xenia
Robert Charles Cushman, Columbus
Kevin Patrick Dougherty, Columbus
James Preston Egneg, Columbus
Kirk Henry Elder, Columbus
John Craig Farber, Columbus
Raymond Frederick Fenton, Columbus
Michael Charles Kerner, Westbury, N. Y.
Steven Craig Kline, Merrick, N. Y.
Stephen Lawrence Knowles, Columbus
Harry Tair Kosel, Lorain
Don Michael Krause, Columbus
B.S. (Mount Union College)
Jasing James Lumsam, Bangkok, Thailand
Philemen Stout Lewis, Cleveland
William Thomas Lewis, Garfield Heights
A.B. (Columbia University)
Gary Alan Lour, Columbus
Michael Gary Lustig, Syracuse, N. Y.
Judson Jay McIntire, Columbus
Donald Carl Milchman, Pittsburgh, Pa.
Theodore A. Mondzewelski, Folscroft, Pa.
David Kay Monson, Radnor
Donald Lee Ritencourt, Jamestown
Steven Paul Roberts, Columbus
James Harry Schirringer, Columbus
Donald Edward Schrude, Galloway
Rick Alan Share, Columbus
Joel Jay Snyder, Columbus
Thomas John Spugnardi, Lewiston, Me.
Eugene Mark Teringo, Warren
John Anton Uhler, Broadview Heights
Frank James Venn, Springfield, N. Y.
Edwin Darrell Wagers, Columbus
Robert Paul Yasher, Columbus
Jeffrey Louis Zucker, Snyder, N. Y.

Bachelor of Landscape Architecture
One candidate

Malcolm Douglas Cairns, Loveland

Bachelor of Science in Landscape Architecture
Nine candidates

David Edward Bassett, Lima
William Lee Behnke, Willoughby
Timothy Peter Brugeman, Columbus
Craig Edward Cawrse, Solon
Jeffrey Wayne Linkinboker, Springfield
Albert Henry Parker, Chagrin Falls
Frederick Edward Townsend, Columbus
Richard Lee Willis, Orient
Harold Richard Worries, Tipp City
B.S.Agr.
College of Law
Dean: James C. Kirby, Jr.

Juris Doctor
One hundred and fifty-three candidates

Allen Valloyd Adair, Mansfield
A.B. (Brown University)

Jeffrey Ross Allen, Portsmouth
B.A. (Ohio Wesleyan University)

Hugh Russell Anderson, Rocky River
A.B. (Duke University)

Marcell Rose Anthony, Columbus
A.B. (Ohio Dominican College)

Robert Paisley Armour, Toronto
B.S.Agr.

Gregory Lawrence Ayers, St. Albans, W. Va.
B.A. (Morris Harvey College)

John Richard Baird, Columbus
B.A.

Charles Richard Barcus, Alliance
B.S.Bus.Adm.

Suzan Barnes, Zanesville
A.B. (Vassar College)

Charles Herbert Bean, Sarvis
A.B. (Ohio University)

John Parrish Beavers, Worthington
B.A.

Linden Joe Beck, Vanlue
B.A.

Michael Leo Bedell, Stow
A.B. (John Carroll University)

John Jeffrey Bogniard, Ashland
A.B. (Allegheny College)

Thomas Edward Boyle, Columbus
B.S.Ed.

James Marion Broadstone, Dayton
B.A.

Charles Leslie Burd, Chesapeake
B.A.

Bruce Harper Cameron, Washington, D. C.
B.A. (University of Maryland)

David Allen Cantlon, Columbus
B.B.A. (University of Notre Dame)

Clair Myron Carlin, Youngstown
B.S.Bus.Adm.

Larry Gray Cecil, Caldwell
B.A.

Thomas Michael Christian, Lancaster
A.B. (Ohio University)

David Michael Cohen, Canton
B.S.Bus.Adm.

James Reynolds Cooper, Newark
B.B.A. (University of Notre Dame)

John Frederick Copes, Springfield
B.A. (Wittenberg University)

B.S. in Ed. (University of Michigan); M.B.A. ( Xavier University)

Gary Lee Crosby, Van Wert
B.M.E. (General Motors Institute)

John Barthett Crosby, Cincinnati
A.B. (Washington University)

King Kersten Culp, Gallion
B.A.

Alexander Brower Curchin, Ill.
Manifold
B.A. (Denison University)

David Alan Daechner, Columbus
B.A.

Bernard Robert Davis, Mansfield
B.S. in Bus. (Miami University)

Craig Denmade, Columbus
B.S.Bus.Adm.

John Philip Dewey, Clyde
B.A. (Muskingum College)

Glenn George Durrman, Farmingdale, N. Y.
B.A. (Wittenberg University)

Joseph Lawrence Emmrich, Cincinnati
B.A. (University of Dayton)

Charlotte Coleman Eufinger, Milford Center
B.A. (Miami University)

John Marshall Eufinger, Worthington
B.A. (Ohio Wesleyan University)

Dufydd William Evans, Jr., Cleveland Heights
A.B. (Hillsdale College)

Richard Craig Farrin, Lakewood
B.A. (Miami University)

Robert Michael Fertel, Shaker Heights
B.A.

Lee Myron Finkel, Chicago, Ill.
B.S. (University of Illinois)

Paul Andrew Fossas, Wheeling, W. Va.
A.B. (West Virginia University)

Jeffrey Tice Folkerth, Columbus
B.A.

Michael Monroe Freda, Columbus
B.S.Bus.Adm.

William Kagay Friend, Columbus
B.B.A. (Ohio University)

Bernard Michael Frye, Hamilton
B.S. in Aero Space E. (University of Cincinnati)

James Lawrence Fullin, Columbus
B.A. (University of Notre Dame)

David Alan Gowdown, Brookville
B.B.A. (Ohio University)

Thomas Henry Grace, Steubenville
B.S. in Econ. (John Carroll University)

David Allen Gradwohl, Columbus
B.A. (Muskingum College)

Michael Lewis Griffith, New Concord
B.S.

Jeffrey Allan Halm, Sandusky
B.A. (Denison University)

James Robert Hand, Newark
B.A.

Michael Henry Haney, Xenia
B.S.Pharm.

Lee Bolon Harris, Chicago, Ill.
B.S. (University of Illinois)

Michael William Hartshorn, Lancaster
B.S. (Xavier University)

David Everett Hathaway, Cincinnati
B.S. in Bus. (Miami University)

Diane Duty Hathaway, Portsmouth
B.S.Ed.

Margaret Sabhna Henry, Columbus
B.A.

James Michael Highsmith, Mt. Carmel, Ill.
B.B.A. (Ohio University)

Raymond Edwin Hofmeister, Hicksville
B.A. (Miami University)

James Edward Holland, Bay Village
B.B.A. (Ohio University)

Robert Joseph Hopperton, Berea
B.A. (Baldwin-Wallace College); M.B.A. (University of Toledo)

James Edward Hughes, Columbus
A.B. (Harvard University)

William Edward Hunt, Cincinnati
A.B. (Indiana University)

Jane Ellen Irving, Millersburg
B.S. in Bus. Adm. (Bowling Green State University)
John Joseph Paul Kulik, Jr., Akron B.A. (Michigan State University)

James Jay Johnson, Dearborn, Mich. B.A. (Ohio University)

James Raymond Kapel, Akron R.A. (Miami University; Kent State University)

William Hill Keating, Columbus B.S.Bus.Adm.

Stephen Warren King, Fiqua A.B. (University of Cincinnati)

William Lawrence Kovacs, Bethlehem, Pa. B.S. (University of Scranton)

Joseph Paul Kulik, Jr., Parma B.S. in Eng. (Purdue University)

Robert Alan Kumin, Bethlehem, Pa. B.A.; M.A.

Lawrence Robert Loeb, Cleveland Heights B.A. (Western Reserve University)

John Thomas Loyd, Fiqua B.S.Ag.

Lawrence Robert Loeb, Cleveland Heights A.B. (Western Reserve University)

David Ellison Long, Dayton B.A.

Walker Bruce Lowman, Columbus B.Arch.

John Jeffrey Luce, Ashtabula R.A. (Kent State University)

Michael Patrick Mahoney, Columbus B.S.Bus.Adm.

Kingston Edward Malley, Galion B.S. (Carnegie-Mellon University)

Angelo Marino, Paterson, N. J. B.S. (Bethany College)

Daniel Charles McCarthy, Lancaster B.B.A. (Ohio University)


Roger John McClure, Columbus B.A.; M.A. (Northwestern University)

Leon Marshall McCorkle, Jr., Waldo B.A. (Harvard College)

Craig Alan McIntyre, Columbus B.S.Bus.Adm.

George August Meier, III, Wantagh, N. Y. B.A. (Colgate University)

Robert Edward Messham, Jr., Dayton B.A.

Brian Young Miller, Akron B.A. (College of Wooster)

James Stanley Miller, Ashland B.S. in Bus. Adm. (Wittenberg University)

John Robert Mohr, Hillboro Middle Adm.

Thomas Samuel Moore, Delaware B.A. (Miami University)

Edward William Morgan, Toledo B.A. (Denison University; M.B.A. (Indiana University)

William Andrew Morse, South Willoughby B.S. in Bus. Adm. (Miami University)

Steven Michael Nobil, Tiffin B.A. (Baldwin-Wallace College)

John Leslie Oneato, Canton B.S. in Bus. (Miami University)

Thomas Victor Orvis, Columbus B.A. (Wittenberg University)

William Michael Owens, Cohocton B.A.

Adrian Kenneth Panton, Jamaica, N. Y. B.A. (The American University)

Robert Monroe Parsons, Columbus B.A.

Robert Clair Paxton, H., Caldwell B.A.

Dennis Michael Perlberg, Jericho, N. Y. B.S. in Bus. Adm. (Boston University)

Richard Coy Pfeiffer, Jr., Columbus B.A. (Oberlin College)

Thomas Merle Phillips, Dublin B.E.

Thomas Edward Portsmouth, Midlothian B.S.

John James Powers, III, Silver Spring, Md. B.A. (University of Maryland)

Alan Toby Radnor, Cleveland Heights B.A. (Kenyon College); M.S.

Beth Philips Ray, Terre Haute, Ind. B.A. (Rice University)

Allan Mark Resnick, Cleveland Heights B.A.

Robert David Rinfret, Youngers, N. Y. B.A. (Bethany College)

James Richard Ringle, Cincinnati A.B. (Ohio University)

Harry Rhys Robinson, Dover A.B. (Princeton University)

Jeffrey Steven Rock, Oklahoma City, Okla. B.A. (University of Oklahoma)

George Brew Rolston, St. Mary's, Va. B.A. (West Virginia University)

James Murray Rokr, Fredericktown B.A. (Denison University)

Thomas Dudley Rooney, Akron B.B.A. (Ohio University)

Ronald Lee Rowland, Galena B.A. (Wittenberg University)

Jay Harmon Sanford, Columbus B.S.Ed.

Charles Saunders, Jr., Columbus B.S.Bus.Adm.

Philip Scott Schaefer, Columbus B.A. (Wilmington College)

James Mark Schottenstein, Columbus B.B.A. (University of Wisconsin)

Kurt Lee Schultz, Chicago, Ill. B.S. (University of Pennsylvania)

Robert Vincent Sechrist, Jr., Bay Village B.A.

Edward McKinley Shields, Columbus B.A.

Thomas Wayne Simms, Skaneateles, N. Y. B.S.

Stephen Lloyd Smith, Beaverdam B.A.

Thomas Edward Smith, South Euclid A.B. (University of Detroit)

Tedd Lawrence Smith, North Canton B.S. in Bus. Adm. (Bowling Green State University)

Gary Edward Snyder, Dayton B.S.Bus.Adm.
Larry Michael Sorens, Columbus B.S.Bus.Adm.
Kenneth Jerome Spicer, Willoughby B.A.
Dennis Edward Stegner, Fairborn B.A. (Wittenberg University)
Eric Randall Stone, Akron A.B. (Ohio University)
Gerald Alan Stimmel, Kettering B.A.
Roger Ray Stinehart, Lima B.A. in Bus. Adm. (Bowling Green State University)
Meredith Blake Stone, Wellington B.S.Bus.Adm.
William Jeffrey Taylor, Medina B.A. (Bowling Green State University)
Grant Lee Wadsworth, Dayton B.S.Bus.Adm.
Robert John Walter, Cleveland B.A. (Miami University)
Robert Craig Witzel, Upper Sandusky B.B.A. (Ohio University)
Joel David Woschil, Toledo B.B.A. (University of Toledo)
James Edward Young, Mentor B.B.A. (Ohio University)
John Wolcott Zeiger, Tallmadge B.S.Bus.Adm.
Stephen Howard Zimmerman, Fremont B.A. (Thiel College)
Larry Robert Zingarelli, Columbus B.A. (Otterbein College)

Doctor of Medicine

One hundred and forty-seven candidates

Leslie Franklin Aiello, North Royalton B.S. (Otterbein College)
Robert Alan Albus, Staten Island, N. Y. B.S. (Polytechnic Institute of Brooklyn)
James Leslie Andersen, Avon Lake B.A. (Ohio Wesleyan University)
Robert Milton Augspurger, Columbus B.S.Ed.
Thomas Michael Bashore, Paulding A.B. (Miami University)
Albert Eugene Becker, Dayton B.A.
Richard Herman Boye, Struthers A.B. (Oberlin College)
Frederick David Brown, Columbus B.S.
Dennis Everett Brumskill, Milford Center B.S.
Dennis Lloyd Burch, Bollaire A.B. (Oberlin College)
Lynn Clayton Burroughs, Metamora B.S. (Ohio Northern University)
Everett Martin Bush, Boardman B.S. (Westminster College)
William John Byrne, South Euclid B.A. (Ohio Wesleyan University)
Richard John Candela, Ashtabula B.S.
Daniel William Carlson, Columbus B.S.
Gerald Anthony Cichocki, Toledo B.S. (University of Toledo)
Robert Wesley Clark, Jr., Rocky River B.S. (John Carroll University)
Stanley Allen Cohen, Columbus A.B. (Case Western Reserve University)
Steven Howard Cohen, Akron B.S. (University of Akron)
Carl Michael Curtiss, Bellville B.A. (Wittenberg University)
Hyatt Peter DeGreene, Chagrin Falls B.A. (Ohio Wesleyan University)
Andrew Dibartolomeo, Cleveland B.S. (University of Dayton)
Nino DiSalvo, Youngstown B.A. (Youngstown State University)
Ann Marie Diller, Orrville B.A. (Bluffton College)
Jack Brian Dingle, Cleveland B.A. (Albion College)
Constance Strait Donley, Ashland B.S. (Marymount College, Tarrytown-on-Hudson)
Thomas Stanley Edwards, North Canton B.S.
Donald Thomas Evert, Brecksville B.S.
Joseph Wayne Fay, Ravenna B.A. (College of Wooster)
Richard Reid Felix, North Lawrence B.S.
William Richard Finch, Warren B.A. (Hiram College)
Barry Lynn Fisher, Uhrichsville B.S. (Kent State University)
William Alan Fligner, Lorain B.S.
David Andrew Floorer, Toledo A.B. (Western Reserve University)
John Michael Foster, Port Clinton B.S.
Irwin Samuel Fox, Columbus B.S.
James Philip Fox, Kenton B.S. (Ohio Northern University)
Robert Emmett Frank, Columbus B.S.
Barry Marvin Friedman, Lorain A.B. (Miami University)
Donald Edmund Fry, Marion B.S.
Thomas Edward Furlong, Parma A.B. (University of Notre Dame)
William Joseph Geiger, Delaware B.S.
James Arthur Gela, St. Henry A.B. (Miami University)
Charles Anthony Gerard, East Liverpool B.S. (Duquesne University)
James Paul Gibfried, Wilton, Conn. B.S. (Macquarie University)
Thomas Joseph Goodnow, Columbus B.S. (University of Notre Dame)
Garry Alan Gosky, Lakewood
A.B. (Adelbert College of Case Western Reserve University)

William Roger Gramlich, Kenton
A.B. (Miami University)

Jeffrey Louis Gross, Akron
B.S.

Russell Haynes Hackett, III, Salem
B.A. (Ohio Wesleyan University)

James Keith Hall, Lafayette
B.S. (Heidelberg College)

Richard Norman Hansen, Lorain
B.A. (College of Wooster)

Patricia Weians Hanson, Columbus
B.A. (College of Saint Mary of the Springs)

Alan Kramer Hatfield, Chagrin Falls
A.B. (Wabash College)

Robert Lynn Heilman, Columbus
B.S. (Capital University)

Robert William Henderson, Jr., Rocky River
B.S.

Fred Stanley Hirsh, South Euclid
B.S.

Ronald Eugene Hodges, Marion
B.S.

David Lewis Hunter, North Olmsted
A.B. (Kenyon College)

Daniel Garner Jackson, Columbus
B.A. (Miami University)

Robert Paul Jacobson, Canton
B.S.

Richard Allen Janovsky, Parma
B.S.

Kevin Martin Kane, Cleveland
B.S. (John Carroll University)

Dennis Lawrence Karash, Toledo
A.B. (Oberlin College)

James Walter Kazura, Parma Heights
A.B. (Washington University)

Joel Benner Keats, Marietta
B.S. (Louisiana Polytechnic Institute)

William Francis Ketterer, North Canton
B.S. (John Carroll University)

Paul Raymond Knight, Lorain
B.S. (Ohio University)

Robert William Kottman, Columbus
B.S.

Carl Arnold Krantz, Jr., Massillon
B.A. (Saint Vincent College)

James Michael Krause, Bedford Heights
B.S.

Karen Biehl Krueger, Cleveland
B.S.

John Burkey Krupko, McDonald
B.S.

Ronald Edward Kureski, Pataskala
B.S.

James Edward Lalak, Euclid
A.B. (Case Western Reserve University)

John Navin Larrimer, Columbus
A.B. (Princeton University)

Thomas Dale LeGalley, Bowling Green
B.S.

Wynne Vinson Elwood Legrew, Coshocton
B.S.

John Robert Leibach, Sandusky
B.A. (Ohio Wesleyan University)

Lawrence Alan Levine, Wooster
B.S.

Edward Mark Lichten, Akron
B.S. (University of Akron)

Joel Edward Lichtenstein, Granville
B.E.E. (Cornell University); M.S.

Craig Bradford Liden, Toledo
B.S. (University of Michigan)

Jerry Lee Lugger, Columbus
B.S. (Denison University)

William Allen Lukeman, Akron
B.S. (University of Akron)

Daniel Bruce Magilavy, Akron
A.B. (Washington University)

James Robert Magnusson, Gallipolis
B.S. (Purdue University)

Ralph Michael Mancini, Canton
B.S.

Martin Lee Mandel, Cleveland Heights
A.B. (Miami University)

Alan Harvey Marx, Youngstown
A.B. (Miami University)

Richard Alan Matthews, Dayton
B.A. (Indiana University)

Richard Harold Mauk, Toledo
B.S. (Xavier University)

Richard Alexander Maxwell, Marion
B.A. (College of Wooster)

Robert Charles McClusky, Cuyahoga Falls
B.A. (Miami University)

Charles Michael McCool, Shadyside
B.S.

Lawrence Ralph McCormack, Lyndhurst
B.A. (College of Wooster)

Philip John Mika, Youngstown
B.S. (University of Notre Dame)

Ellie Jerry Miller, Columbus
A.B. (Miami University)

Kenneth Gregory Morris, Elyria
B.A.

Barbara Elizabeth Moser, Fishkill, N. Y.
B.S. (Pennsylvania State University)

Thomas William Oates, Kenton
B.S.

Vincent John O'Brian, Jr., Cleveland
B.S. (Wheeling College)

Michael Anthony Oddi, Columbus
B.A.

Linda Ann Parenti, Akron
B.S. (University of Akron)

Stephen Fellman Pariser, Columbus
B.S.

Robert Perelman, University Heights
B.A. (Washington and Jefferson College)

David Willard Phelps, Akron
B.S. (University of Akron)

Russell James Pinchinger, Parma
B.S. (Arizona State University)

Michael Daniel Reuter, Columbus
B.S.

Delphis Coleman Richardson, Anna
B.S.

Richard Melvin Riedy, New London
B.S.

David Earnest Roberts, Reesville
A.B. (Miami University)

Duane Clinton Roe, Toledo
B.S. (University of Toledo)

Morrey Leon Rotenberg, Cleveland
B.S.

John Marvin Rower, Findlay
B.S. (Bowling Green State University)
Michael Steven Sabback, Columbus
B.E.
William Bradley Salt, II, Columbus
B.A.
Thomas LeRoy Satrom, Kent
B.S. (Kent State University)
Thomas Edward Schmitt,
Cuyahoga Falls
B.S. (University of Dayton)
George Raymond Schuerger, Lakewood
B.M.E. (University of Virginia)
Richard Lee Shaffer, Wauseon
B.S.
Marvin DaCosta Shie, III, Westlake
B.A. (College of Wooster)
Frederick Michael Smeltzer, Columbus
B.S.
Edward Wilson Paul Smith, Medina
B.S. (Mount Saint Mary's College, Maryland)
Gary Lee Snyder, Dayton
B.S. (University of Dayton)
Gerald Mark Spector, Youngstown
B.A.

John McNaugher Stang, Wooster
B.S. (Muskingum College)
Alan Louis Sterling, Columbus
B.S.
James Craigmiles Strafford, Portsmouth
B.S. (Ohio University)
Rebecca Louise Terrell Strafford, New Vienna
B.S. (Ohio University)
James Byron Taimage, Rocky River
B.S.
Larry Richard Thomas, Findlay
B.S.
David Herron Thompson, Canton
B.S. (University of Miami)
Michael Joseph Tomek, Columbus
B.S.
Nancy Marie Trilk, Chagrin Falls
B.A. (Hiram College)
Blair Dale Vermilion, Newark
A.B. (Miami University)
John Henry Viall, Chagrin Falls
A.B. (Miami University)
Frederick William Walker, Toledo
B.S. (Bowling Green State University)

Patrick Michael Wall, Maple Heights
A.B. (Northwestern University)
Joseph Charles Ward, Lakewood
A.B. (Colgate University)
Penelope Ruth Warren, Marietta
A.B. (Marietta College)
Howard Bruce Weinblatt, Toledo
A.B. (University of Michigan)
David Anthony Westbrock, Dayton
B.S. (University of Dayton)
Gary Brian Williams, Akron
B.S. (University of Akron)
William Byron Zipp, Kettering
B.A. (Denison University)
Kenneth Stuart Zuckerman, Columbus
B.S. (University of Michigan)
John Lawrence Zumrick, Jr., Youngstown
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Eighty-six candidates

Jean Ann Addington, Poland
Christine Marie Anders, Bowling Green
Philip Duane Beckley, McDonald
Carol Marie Bergmueller, Ridgefield, Conn.
Anne Biggert, Canton
Diane Elaine Bowers, New Castle, Pa.
Bernard Richard Bowersox, Xenia
Donna Marie Boyd, Euclid
Devin Jo Bucher, Bluffton, Ohio
Frances Marie Carano, Campbell
Shelley Louise Carlson, Richmond Heights
Carol Lintern Christy, Wooster
Vickie Diane Christy, Amanda
Mary Ann Connors, Broadview Heights
Betty Henning Craft, Hamilton
Constance Marie Curtin, Columbus
Donna Eileen Damore, Youngstown
Albert Seward Dearing, Columbus
Gwen Lee Demush, Lakeside
Dale Campbell Deubler, Newton, Pa.

Kathleen Leger Devine, North Olmsted
Marcia Eileen Fernandez, Louisville
Lynn Marie Frazier, Anderson, Ind.
Shelley Malott Hobe, Plainview, N. Y.
Deborah Kay Fugate, Greenfield
Susan Caryl Godson, Madison
Suzanne Lynn Grace, Columbus
Jane Atkinson Groneiiski, Lima
B.A.
Joy Kay Harris, Zanesville
Catherine Leona Hamern, McComb
Diana Malott Hobe, Dennison
Thomas Howard Homan, Cincinnati
Helen Ruth Holub, Brook Park
Michael Wayne Hutz, Cleveland
Patricia Ellen Hudson, Maple Heights
Cora Tyson Huitt, Glenshaw, Pa.
Gloria Jean Jenkins, Dayton
Marita Kay Johnson, Columbus
Patricia Ann Kane, Akron
Michael Thomas Klapheke, Middletown
Kathryn Ann Koch, Bay Village
Kathleen Eichholz Koury, Lorain
Diane Wanta Kretzberg, Littiz, Pa.
Jeffrey Roland Kretzberg, Cleveland
Diana Jane Krieger, Toledo
Melody Phillips Krueger, Mentor
Nancy Jane Latimer, Shiloh
Michele Gall Leffon, University Heights
Sarah Elizabeth Lewis, Monroe
Mary Elizabeth Macknight, Cincinnati
James Thomas Maier, Massillon
Karen Lee Masterson, Leavittsburg
Margaret Dorrine Matthews, Ashhabula
Patricia Bianco McCowin, Cuyahoga Falls
Robert Scott McLaughlin, Peru, Ind.
Ronald Wade McLean, Ash Huntington
Stephan Grant Moon, Bexley
Sylvia Schilling Nesser, Columbus
Jill Newman, Miramar, Fla.
Leslie Jean Palmier, Fairborn
Frances Elizabeth Preidig, Columbus
Mary Crutchfield Raterman, Flint, Mich.
Mark Francis Reynolds, Columbus
Susan Alice Richter, Canfield
Ann Rikli, Columbus, Mo.
Christina Canton Root, Columbus
Paula Sue Ruley, Unisontown
Susan Ann Schroeder, Elyria
Margaret Ann Skuban, Independence
Susan Jane Sliman, Canton
Marion Dane Smith, West Lafayette
Renate Elizabeth Sturts, Fairfield
Mary Elizabeth Tann, Hamilton
Margaret Sue VanFossen, Columbus
Deborah Ann Waidner, Columbus
James Elroy Walker, Louisville
Constance Sally Watjen, Oradell, N. J.
Melinda Reams Young, Zanesfield
Bachelor of Science in Medical Dietetics
Six candidates
Connie Downs Brantley, Williamsport
Adrienne Rochelle Harris, Syracuse, N. Y.
Margaret Sue Maybin, Barberton
Pauline Pui·Ling Wong, Kowloon, Hong Kong
Mary J o Kurko Zeek, Martins Ferry
Bachelor of Science in Medical Technology
Three candidates
Cheryl Riner Cook, Lima
Candy Johnson Greenup, Newark
Vera Terce, Parma
Certificate of Nurse Anesthetist
One candidate
Karen Marie Rosenberry, Columbus B.S.Nurs.
Certificate of Post Baccalaureate Circulation Technologist
One candidate
Robert Michael Keenan, Steubenville B.S.
School of Nursing
Bachelor of Science in Nursing
Seventy-seven candidates
Dianne Eileen Amstutz, Pandora
Bev erly Jean Barker, St. Albans, W. Va.
Dianne Rae Beer, Cincinnati
Judith Kathryn Bell, Hebron
Kathleen Marv Berger, Versailles
Kathleen Griffith Beck, Columbus
Beverly Ann Bowers, Hudson
Suzanne Brunner, Dunecannon, Pa.
Pamela Marie Bupp, Wooster
Florence Irene Burke, St. Marys
Virginia Lea Bush, Rochester, Minn.
Sharon Jean Bushong, Dunkirk
Margaret Kirkland Clay, Worthington
Cheryl Lee Cotterman, Wauseon
Christy Batteiger Jafler, Columbus
Linda Catherine Drabek, Chula Vista, Calif.
Barbara Ann Edwards, Fairview Park
Renee Carol Euchner, Avon Lake
Tom Ferguson, Versailles
Victory Ann Fisher, Chillicothe
Susan Kay Frazier, Gallipolis
Christine Louise Gallenstein, Cincinnati
Marsha Taylor Gorman, Springfield
Cheryl Ann Gutaiot, Huron
Patsy Meadows Hamner, South Charleston, W. Va.
Rebecca Joseph Hartman, Utica
Marcia Bagent Herr, Cincinnati
Martha Wright Hill, Columbus
Sara Jane Hill, Fairport Harbor
Charlene Crowe Honner, Canfield
Katherine VonHolten Howe, Columbus
Caroline Jean Keller, Olmsted Twp.
Kathleen Ann Laird, Columbus
Constance Ann Lake, Youngstown
Gloria Launderdale, Columbus
Pamela Palmer Lepore, Little Silver, N. J.
Catherine VanCuren Lugger, Reynoldsburg
Velosa Dale Lyon, Columbus
Karen Sue Maidex, Columbus
Anita Louise Martin, Hebron
Christine Marie May, Sandusky
Sara Jane Mercer, New Philadelphia
Sara Jane Millisor, Marion
Linda Holdt Moore, Cleveland
Evelyn Buck Morgan, Reynoldsburg
Diane Sue Moosbarger, Frankfurt
Beverly Ann Nicholson, Zanesville
Mary Ann Patrice Noga, Parma
Susan Groves O’Malley, Hilliard
Sherry Lynn Petersilige, Newark
Truly Elaine Pfohl, Newton Falls
Mary Louise Ralph, Fairview Park
Paula Joanne Riesenberg, Reading
Carol Saville, Pittsburgh, Pa.
Pamela Margaret Schmitt, Bethel Park, Pa.
Sister M. Francis Scholl, Rochester, Minn.
Diane Marie Schwede, Fairview Park
Janet Ann Seibel, Sandusky
Kathleen Ann Sexton, Brooklyn
Jacquelyn Slonka, Toledo
Susan Marie Springborn, Lakewood
Kathryn Ann Taylor, Columbus
Nancy Sterling Trimble, Mansfield
Jane Lucille Trinter, Columbus
Alice Louise Truex, Jerusalem
Diane Landis Ventresco, Columbus
Judith Adela Wallrath, Cleveland
Rebecca Lea Webb, Dayton
Paula Jean Wenger, Dayton
Evelyn Kay West, Wilmington
Beverly Joyce Wielmann, North Royalton
Holly Lee Wilson, Niles
Susan Margaret Wogisch, Chagrin Falls
Barbara Marie Zingg, Cincinnati
Sara Jane Sliman, Canton
Marion Dane Smith, West Lafayette
Renate Elizabeth Sturts, Fairfield
Mary Elizabeth Tann, Hamilton
Margaret Sue VanFossen, Columbus
Deborah Ann Waidner, Columbus
James Elroy Walker, Louisville
Constance Sally Watjen, Oradell, N. J.
Melinda Reams Young, Zanesfield
Bachelor of Science in Medical Dietetics
Six candidates
Connie Downs Brantley, Williamsport
Adrienne Rochelle Harris, Syracuse, N. Y.
Margaret Sue Maybin, Barberton
Pauline Pui·Ling Wong, Kowloon, Hong Kong
Mary J o Kurko Zeek, Martins Ferry
Bachelor of Science in Medical Technology
Three candidates
Cheryl Riner Cook, Lima
Candy Johnson Greenup, Newark
Vera Terce, Parma
Certificate of Nurse Anesthetist
One candidate
Karen Marie Rosenberry, Columbus B.S.Nurs.
Certificate of Post Baccalaureate Circulation Technologist
One candidate
Robert Michael Keenan, Steubenville B.S.
School of Nursing
Bachelor of Science in Nursing
Seventy-seven candidates
Dianne Eileen Amstutz, Pandora
Bev erly Jean Barker, St. Albans, W. Va.
Dianne Rae Beer, Cincinnati
Judith Kathryn Bell, Hebron
Kathleen Marv Berger, Versailles
Kathleen Griffith Beck, Columbus
Beverly Ann Bowers, Hudson
Suzanne Brunner, Dunecannon, Pa.
Pamela Marie Bupp, Wooster
Florence Irene Burke, St. Marys
Virginia Lea Bush, Rochester, Minn.
Sharon Jean Bushong, Dunkirk
Margaret Kirkland Clay, Worthington
Cheryl Lee Cotterman, Wauseon
Christy Batteiger Jafler, Columbus
Linda Catherine Drabek, Chula Vista, Calif.
Barbara Ann Edwards, Fairview Park
Renee Carol Euchner, Avon Lake
Tom Ferguson, Versailles
Victory Ann Fisher, Chillicothe
Susan Kay Frazier, Gallipolis
Christine Louise Gallenstein, Cincinnati
Marsha Taylor Gorman, Springfield
Cheryl Ann Gutaiot, Huron
Patsy Meadows Hamner, South Charleston, W. Va.
Rebecca Joseph Hartman, Utica
Marcia Bagent Herr, Cincinnati
Martha Wright Hill, Columbus
Sara Jane Hill, Fairport Harbor
Charlene Crowe Honner, Canfield
Katherine VonHolten Howe, Columbus
Caroline Jean Keller, Olmsted Twp.
Kathleen Ann Laird, Columbus
Constance Ann Lake, Youngstown
Gloria Launderdale, Columbus
Pamela Palmer Lepore, Little Silver, N. J.
Catherine VanCuren Lugger, Reynoldsburg
Velosa Dale Lyon, Columbus
Karen Sue Maidex, Columbus
Anita Louise Martin, Hebron
Christine Marie May, Sandusky
Sara Jane Mercer, New Philadelphia
Sara Jane Sliman, Canton
Marion Dane Smith, West Lafayette
Renate Elizabeth Sturts, Fairfield
Mary Elizabeth Tann, Hamilton
Margaret Sue VanFossen, Columbus
Deborah Ann Waidner, Columbus
James Elroy Walker, Louisville
Constance Sally Watjen, Oradell, N. J.
Melinda Reams Young, Zanesfield
Bachelor of Science in Medical Dietetics
Six candidates
Connie Downs Brantley, Williamsport
Adrienne Rochelle Harris, Syracuse, N. Y.
Margaret Sue Maybin, Barberton
Pauline Pui·Ling Wong, Kowloon, Hong Kong
Mary J o Kurko Zeek, Martins Ferry
Bachelor of Science in Medical Technology
Three candidates
Cheryl Riner Cook, Lima
Candy Johnson Greenup, Newark
Vera Terce, Parma
Certificate of Nurse Anesthetist
One candidate
Karen Marie Rosenberry, Columbus B.S.Nurs.
Certificate of Post Baccalaureate Circulation Technologist
One candidate
Robert Michael Keenan, Steubenville B.S.
School of Nursing
Bachelor of Science in Nursing
Seventy-seven candidates
Dianne Eileen Amstutz, Pandora
Bev erly Jean Barker, St. Albans, W. Va.
Dianne Rae Beer, Cincinnati
Judith Kathryn Bell, Hebron
Kathleen Marv Berger, Versailles
Kathleen Griffith Beck, Columbus
Beverly Ann Bowers, Hudson
Suzanne Brunner, Dunecannon, Pa.
Pamela Marie Bupp, Wooster
Florence Irene Burke, St. Marys
Virginia Lea Bush, Rochester, Minn.
Sharon Jean Bushong, Dunkirk
Margaret Kirkland Clay, Worthington
Cheryl Lee Cotterman, Wauseon
Christy Batteiger Jafler, Columbus
Linda Catherine Drabek, Chula Vista, Calif.
Barbara Ann Edwards, Fairview Park
Renee Carol Euchner, Avon Lake
Tom Ferguson, Versailles
Victory Ann Fisher, Chillicothe
Susan Kay Frazier, Gallipolis
Christine Louise Gallenstein, Cincinnati
Marsha Taylor Gorman, Springfield
Cheryl Ann Gutaiot, Huron
Patsy Meadows Hamner, South Charleston, W. Va.
Rebecca Joseph Hartman, Utica
Marcia Bagent Herr, Cincinnati
Martha Wright Hill, Columbus
Sara Jane Hill, Fairport Harbor
Charlene Crowe Honner, Canfield
Katherine VonHolten Howe, Columbus
Caroline Jean Keller, Olmsted Twp.
Kathleen Ann Laird, Columbus
Constance Ann Lake, Youngstown
Gloria Launderdale, Columbus
Pamela Palmer Lepore, Little Silver, N. J.
Catherine VanCuren Lugger, Reynoldsburg
Velosa Dale Lyon, Columbus
Karen Sue Maidex, Columbus
Anita Louise Martin, Hebron
Christine Marie May, Sandusky
Sara Jane Mercer, New Philadelphia
Melanie Mary Millisor, Marion
Linda Holdt Moore, Cleveland
Evelyn Buck Morgan, Reynoldsburg
Diane Sue Moosbarger, Frankfurt
Beverly Ann Nicholson, Zanesville
Mary Ann Patrice Noga, Parma
Susan Groves O’Malley, Hilliard
Sherry Lynn Petersilige, Newark
Truly Elaine Pfohl, Newton Falls
Mary Louise Ralph, Fairview Park
Paula Joanne Riesenberg, Reading
Carol Saville, Pittsburgh, Pa.
Pamela Margaret Schmitt, Bethel Park, Pa.
Sister M. Francis Scholl, Rochester, Minn.
Diane Marie Schwede, Fairview Park
Janet Ann Seibel, Sandusky
Kathleen Ann Sexton, Brooklyn
Jacquelyn Slonka, Toledo
Susan Marie Springborn, Lakewood
Kathryn Ann Taylor, Columbus
Nancy Sterling Trimble, Mansfield
Jane Lucille Trinter, Columbus
Alice Louise Truex, Jerusalem
Diane Landis Ventresco, Columbus
Judith Adela Wallrath, Cleveland
Rebecca Lea Webb, Dayton
Paula Jean Wenger, Dayton
Evelyn Kay West, Wilmington
Beverly Joyce Wielmann, North Royalton
Holly Lee Wilson, Niles
Susan Margaret Wogisch, Chagrin Falls
Barbara Marie Zingg, Cincinnati
College of Optometry
Dean: Frederick W. Hebbard

Doctor of Optometry
Forty-three candidates

Bruce Eugene Bachelder, Lexington
James Joseph Baitello, Kenosha, Wis.
Edward Coyson Beiter, Coshocton
Michael Bowers, Dayton
David Michael Burnett, Findlay
Howard Ellis Crane, Oak Park, Mich.
Frank Paul Dapore, Fairborn
Albert Raymond Defever, Jr.
B.S. (Wayne State University); B.A.
B.S. (West Liberty State College)
Richard Allen Dreher, Marietta
Lowell Craig Eicher, Sidney
Clyde Martin Fenton, Portsmouth
John Joseph Gardner, Chicago, Ill.
A.B. (Villanova University); B.S.
David Harold George, Fremont
B.A. (Wittenberg University); B.S.
Kenneth Robert Giffinian, Chesterville
B.A. (Miami University)
"Michael Howard Greenberg,
University Heights
B.S.
Ralph Frederick Gurney, Jr.,
Mercer, Pa.
Bruce Gordon Johnson,
Monroeville, Pa.
Dean Elliott King, Sacramento, Calif.
John Craig Kirkpatrick, Loudonville
Robert Joel Kohan, Kingston, N. Y.
Fred Jay Krieg,
North Miami Beach, Fla.
B.A. (Boston University); M.A.
(University of Massachusetts); M.S.
John Tucker Magill, Circleville
James Robert Mason, Cambridge
Jeffrey Lynn Morehead, Wadsworth
B.S.
Leslie Michael Moro, Boca Raton, Fla.
Donald Ray Murphy, Akron

Bren Alden Myers,
Smith Center, Kan.
B.A. (Kansas Wesleyan University)
Walter Henry Osley, Fremont
B.S. (Creighton University)
Charles William Paepke,
Oshkosh, Wis.
B.S.
Bruce Lawrence Rakusin, Akron
Stephen Stanley Richman,
Indian Harbor Beach, Fla.
B.S.
"Steven LeMar Seward,
North Manchester, Ind.
A.B. (Knox College)
Kalee James Shaheen, Canton
B.S.
Jack Anthony Sinnes, Miami, Fla.
B.S.
Frank Dale Tangeman, Coldwater
Michael Charles Tankovich,
Painesville
Richard Joseph Vesler, Akron
B.S. (Ohio University)
Michael Andrew Walby, Lakeside
B.S.
Don Kerne Weber, Beaver
B.S.
Raymond Lawrence Weiskind,
University Heights
B.A. (Case Western Reserve University)
Douglas Mark Wilson, Rutland, Vt.
"Wallace Howard Young,
Fairfield
B.A. (Miami University)

College of Pharmacy
Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy
Forty candidates

Sorej Kumari Aggarwal,
Nairobi, Kenya
Howard Norman Bockbrader,
Walbridge
Bonnie Gale Byrd, Bellefontaine
James Marc Davison, Toledo
Ronald Michael Figuraki, Adena
William Berkeley Fisher, Marietta
Theodore Gavozzi, Youngstown
Robert Lee Hammond, McConnelsville
Mary Elizabeth Jaqua, Ravenna
Richard Benjamin Kauffman, Columbus
Peggy Templeton King, Chesapeake
James Michael Lee, Worthington
Mary Ann Sherry Lemke, Toledo
Nathan Harry Levine, Shaker Heights
Gregory Bruce Little, Columbus
Elizabeth Ann McCaw,
Cuyahoga Falls
Leonard Anthony Migliore, Jr.,
Delaware
B.S.
Douglas Allan Miller, Marion
Christine Cummins Murphy,
Columbus
Dennis Eugene Newland, Reedsville
Patrick Joseph O'Neill, Columbus
Venetia Spero Parthenos,
Youngstown
Susan Mary Pohlman, Vandalia
Gary Anthony Polear,
North Royalton
Edward Harold Pugh, Columbus
Lucy Madonio Ribelin, Ravenna
Paul Verne Roller, Defiance
Betsy Lou Ross, Waynesburg

* Also Master of Science, Graduate School
College of Veterinary Medicine
Dean: Leslie E. McDonald

James Joseph Salzgeber, Cleveland
George Philip Sasser, The Plains
Robert Otto Schmoll, Middleport
Rebecca Jane Shoemaker, Portsmouth
Kathleen Canty Skau, Columbus
Kenneth Joseph Solomon, Mayfield
Larry James Vance, Gallipolis
Martha Wilson Weinheimer, Marietta
Martha Christine White, Galena
Gary Lee Wolf, Columbus
Donald Ellsworth Zabriskie, Jr., Rocky River
Joseph Allen Zelek, Adena

Doctor of Veterinary Medicine
Eighty-six candidates

Ronald Charles Abrams, Cincinnati
Clyde Harry Allaway, Jr., Belpre
Steven Paul Arneckcy, Amherst
Bruce Charles Bauersfeld, Cincinnati
Andrew J. Beaulieu, Silver Spring, Md.
A.B., B.S. (University of Miami)
Elaine Kay Bender, Bellville
Robert Coleman Bowers, Jr., Wintersville
B.S. Agr.
Ann Wisloh Bresmock, Storrs, Conn.
B.S. (University of Connecticut)
Virgil Joseph Brown, St. Marys
Ronald John Budz, Seven Hills
Robert Charles Burns Jr., Greeneville
Jerry James Burroughs, Metamora
Richard Earl Burrows, Kettering
B.S. (Otterbein College)
Robert Dale Carey, New Vienna
B.S. Agr.
Edward Roy Cole, University Heights
B.S. (University of Pittsburgh)
Jane McGara Corrigan, Toledo
A.B. (Indiana University)
James Ronald Davidson,
New Springfield
Paul Franklin Deal, Kingwood, W. Va.
Calvin Walter Edwards, Cincinnati
David Glen Evans, Nelsonville
James Ivan Feaster,
Terra Alta, W. Va.
B.S. Agr. (West Virginia University)
Richard Banbury Ford, BreezEVille
B.S. Agr.
Daniel Henry Fulk, Shiloh
B.S. Agr.
Gary Paul Garber, Strasburg
B.A. (Wittenberg University)
Kay Walter Gilpin, St. Marys, W. Va.
B.S. Agr. (West Virginia University)
James Douglas Goodfellow,
Yellow Springs
Judith Joy Greenamyer,
Cuyahoga Falls

Robert Arthur Hanson, Miamisburg
William Moore Haynes,
Canal Winchester
Ralph Edward Hecht, St. Marys
Larry James Helzer, Whitehouse
B.S. Agr.
Terence John Henehan, Dayton
Jeffrey Lee Hess, West Milton
B.S. Agr.
Michael Leonard Horton, Dayton
Cassandra Harris Hurt,
Campton, Calif.
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Kerry Lynn Ketting, Fairborn
*Gary Martin Kissinger, Cedarville
Floyd Douglas Kirby, Williamsburg
Wayne Lowery Klepinge,er,
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John Reid Kolehmainen, Jefferson
Lawrence Conrad Lann, Cleveland
Leonard Joseph Letendre,
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Edward Donald Lukach, Rittman
B.S. Agr.
Connie Jean Lumeyer, Stow
Jack Leroy Lust, Bucyrus
David Cook McGrew, Lucas
B.S. Agr.
Robert Dale McMillin, Lorain
B.S. Agr.
*Lonnie Meesuse, Louisville
Richard Wesley Meiring,
Fort Recovery
B.S. Agr.
Myrna North Milani, Pittsburgh, Pa.
B.S. (Capital University)
Steven Charles Miller, Wilmington
*Also Bachelor of Science in Agriculture,
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Michael Eugene Mount, Tiffin
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B.S. (Dickinson College)

James Allen O'Neill, Columbus

Gary Lynn Page, Shelby
B.S.

Kenneth Charles Patrick, Franklin

John William Paul, Columbus
B.S. (Rochester Institute of Technology)

Neil Ivan Phillips, Cleveland
B.S.Ed.

Steven Allen Phillips, Athens

Mark Poston, Tipp City

Robert Alan Randall, Independence

Robert Kerr Reynolds, Grove City, Pa.

Donald Michael Rings, Amlin

Ray Donald Ruhmurd, Cincinnati
A.B. (Miami University); B.S.Agr.

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Cleveland Heights

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Robert Allen Wickes, Euclid

Arden Allan Wiley, Strongsville

Larry Robert Winters, Groveport
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William Harry Arnold, Worthington
Janet Lynn Bashor, Columbus
Esther Beachy, Plain City
Mary Jane Blawut, Adena
Carmen Pointier Buckalew, Columbus
Charles Anthony Bruening, Jr., Columbus
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Richard Allen Yoresko, Barberton
John Wolcott Zeiger, Tallmadge
George Edward Zito, Wadsworth
Janice Elaine Zolman, Fredericktown

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Summa Cum Laude and with Distinction in Animal Science

David Russell Notter, Sciotown

Summa Cum Laude and with Distinction in Chemistry

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Summa Cum Laude and with Distinction in Physics

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Catherine Rose Marshall, Amlin

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

COLUMBUS
July 1, 1972 to June 30, 1973
1972-1973

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, President
(July 1, 1972 - August 31, 1972)

HAROLD L. ENARSON, President
(September 1, 1972 - June 30, 1973)

BOARD OF TRUSTEES

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1 Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.

OFFICERS

FREDERICK R. ECKLEY, Chairman
JOHN H. DUNLAP, Vice Chairman
EDWARD Q. MOUTON, Secretary
ERNEST W. LEGGETT, Treasurer
The Board of Trustees met at its regular monthly meeting on Friday, July 7, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
July 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN

The Chairman announced the appointment of James W. Shocknessy to the Finance and Investment Committee for the academic year 1972-1973:

Finance and Investment Committee

William C. Safford, Chairman  
Don M. Hilliker, Vice Chairman  
John H. Dunlap  
M. Merle Harrod  
James W. Shocknessy

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a University Senate

President Fawcett made the following statement:

The first of my several general recommendations this afternoon is concerned with a most important subject which has perhaps received more attention by this University's faculty, students, and administration over the past two years than any other single matter; that is, the establishment of a University Senate. The Board has been kept informed on this matter, and a copy of the proposal was mailed to each member on June 15, 1972. Over a two-year period the Faculty Council, with its membership enlarged by 33 students, has considered a wide range of proposals as to membership and structure of a University-wide legislative body which could most meaningfully respond to appropriate matters presently within the authority and jurisdiction of Faculty Council.

Countless hours have been devoted through the subcommittees and at regular and special meetings of the Faculty Council as well as numerous departmental and college faculty meetings to the examination, discussion, and recommendation of how best to constitute such a University Senate. Three successive Faculty Councils as well as student leaders from three successive student representative groups were directly involved in this deliberative process. Finally, after many compromises, the Faculty Council brought forth what its members believed to be the proposal which would have the widest degree of acceptance among the various contending segments of the University. But before taking final action, it was decided that this proposal should be the subject of both a student and a faculty referendum. The results of the faculty referendum provided a clear mandate for the Faculty
July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Establishment of a University Senate (continued)

President Fawcett’s statement (continued)

Council proposal. With over one-half of our faculty voting, the proposal was supported 1139 for to 511 against. In the student referendum, also, the proposal carried, although the vote was much closer, 1351 for to 1203 against. Although the student turnout was somewhat disappointing to everyone, it appeared that the entire University community made a sincere and concentrated effort to bring the issue to the fore to encourage knowledgeable and interested voting. Subsequently, the Faculty Council, at its meeting on June 7, voted 66 to 13 in favor of this proposal which I am now recommending to the Board for your favorable consideration. As you are aware, inherent in any proposal of this nature is the question of what constitutes the most appropriate division in representation of the various constituencies, in this case, faculty, students, and administration. There is little question that the division in membership called for in this proposal represents in each group’s mind a substantial compromise, and each believes its segment to be somewhat under-represented for the ideal.

I would suggest, however, rather than debating the various aspects of this proposal further, it is now time to enact the proposal of Faculty Council to establish a University Senate and modify the By-Laws of the Board of Trustees and the Rules for the University Faculty accordingly to accommodate this new University-wide legislative body. After the University Senate comes into official existence, orderly procedures are provided for within its regulations to perfect its organization. And finally, I might say that I have discussed this recommendation that I am now making with President-Elect Enarson, and he concurs in my desire for action by the Board on the University Senate proposal at this time.

The entire subject, process and result, is a viable demonstration of the best in the deliberative processes within the academic community, and I commend everyone for their thoughtful involvement.

President Fawcett then presented the following recommendation:

The Faculty Council on June 7, 1972, after almost two years of deliberation approved the establishment of a University Senate to replace the existing Faculty Council. To effect this action a number of changes are necessitated in the By-Laws of the Board of Trustees and Rules for the University Faculty including:
I. GENERAL RECOMMENDATIONS (continued)

A. Establishment of a University Senate (continued)

President Fawcett's recommendation (continued)

1. The repeal of Rules 29.01 through 29.25 and Rules 29.2713 and 29.2717.

2. The addition of Rule 28.00 to provide for changes in existing rules so that any section of the previous rules which are inconsistent with new rules for the University Senate will be inapplicable.

3. The addition of Rules 28.01 through 28.19 to effect the formation of the University Senate.

It is recommended that the University Senate be established and that the By-Laws of the Board of Trustees and Rules for the University Faculty be modified to accommodate this reorganization. (See Appendix I, page 55.)

Upon motion of Mr. Hilliker, seconded by Mr. Cushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Revision of Rule 35.07 to Amend the Pass/Non-Pass Grade

The Faculty Council on June 9, 1972 also approved a modification of the PA/NP--Pass/Non-Pass grade in Rule 35.07. The proposed rule change clarifies the courses to be graded Pass/Non-Pass, inserts a decision time limit for electing the PA/NP grade, and designates the equivalent grades for Pass and Non-Pass. (See Appendix II, page 69.)

President Fawcett recommended that the foregoing recommendation of the Faculty Council be approved.

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

C. Naming of Buildings

Upon the recommendation of the Vice President for Medical Affairs, and with the concurrence of the President's Cabinet, President Fawcett recommended that the Medical Basic Science Building at 333 West Tenth Avenue be named Grant O. Graves Hall to honor the memory of Grant Ostrander Graves, Professor and Chairman of the Department of Anatomy at the time of his death on February 7, 1972.
I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Buildings (continued)

Upon the recommendation of the Vice President for Regional Campuses and Dean of the University College, and with the concurrence of the President's Cabinet, President Fawcett recommended that University College - Building No. 4 at 1090 Carmack Road be named William H. Scott Hall to honor the memory of William Henry Scott, the third President of The Ohio State University who served from 1883 to 1895 and was Professor of Philosophy until the time of his retirement in 1910.

These recommendations are in accordance with the By-Laws of the Board of Trustees.

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

D. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1969-70 has been received and reviewed by the appropriate officers of the University. The report indicates that with the exception of one procedure which has since been modified, the procedures and records of The Ohio State University are in order.

President Fawcett recommended that the Annual Report of the Auditor of State for the fiscal year 1969-70 be accepted and filed with the official documents of The Ohio State University.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

E. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 1, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix III, page 73.)

Upon motion of Mr. Dorsey, seconded by Mr. Shocknessy, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Honorary Degrees

President Fawcett recommended under authority granted him in Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the Doctor of Athletic Arts degree be conferred on the following recipients at the September 1, 1972 Commencement:

Jack William Nicklaus
Jesse Owens

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

G. Facilities to be Financed by the Ohio Facilities Commission

The following resolution is required by the Ohio Board of Regents pursuant to the authority granted under Chapter 3333.05 of the Ohio Revised Code and the provision contained in S.B. 457 before this University may initiate any Capital Projects funded by the State.

President Fawcett recommended that the following resolution be adopted:

Be It Resolved by the Board of Trustees of The Ohio State University, that:

Section 1. The President and/or the Treasurer of The Ohio State University are hereby authorized to complete and sign, on behalf of the University, Ohio Public Facilities Commission forms Nos. 101 and 101A for any and all of the projects for the University provided for by or pursuant to the appropriations made under Section 2 of Amended Substitute Senate Bill No. 457 enacted by the 109th General Assembly and such projects provided for by or pursuant to appropriations made in future enactments of Ohio General Assemblies.

Section 2. The Board of Trustees agrees to permit the Ohio Public Facilities Commission to use the sites for the purpose of said projects, the boundaries of which are shown in the plans for such projects, for so long as the respective notes, if any, and bonds issued to finance such projects shall be outstanding.

Section 3. The Ohio State University and its Board of Trustees in its behalf agrees to undertake performance of the functions and responsibilities of a using governmental agency, and of a designated governmental agency to the extent it is such, as
July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Facilities to be Financed by the Ohio Facilities Commission (continued)

provided in the Regulations of the Ohio Public Facilities Commission and any applicable leases, agreements, or rules of the Commission, with respect to the aforesaid projects.

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

H. University Initiated Fees and Charges

During this past year, all fees, charges, receipts, and income initiated by the departments, offices and auxiliary areas within the University were reviewed as an integral part of the comprehensive budgeting and planning program. This action represents a further refinement in the review and coordination process which presently includes the review of all the University decisions which fall within the Wage-Price guidelines, the incorporation into the biennial planning process of all sources of income, and the inclusion in the annual program budgeting process of all sources of income.

A procedure has now been established for the review of charges initiated by any unit within the University before the start of each fiscal year and presentation to the Board of Trustees for action. This review requires a justification for the initiation of all charges as well as proposed changes in charges, a management audit of the income and expenses associated with all such charges, and an opinion by the University Cost of Living Council as to the permissibility of any proposed increase, as well as compliance with State statutes and sound University budgeting practices.

Included in this recommendation by reference is a schedule of charges for over 13,000 individual assessments by some 200 units within the University for the 1972-1973 year. This inventory is organized by fiscal unit and includes a summary analysis by type of charge (services, deposits, publications, medical and related charges).

President Fawcett recommended that the schedule of charges as proposed be approved and that a detailed copy of such charges be maintained with the official records of the Boards of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
II. PERSONNEL CHANGES

Personnel changes since the June 2, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Titles, and Appointment of Department Chairman:

A. Promotions

Richard H. Zimmerman from Executive Director for University Planning and Professor of Mechanical Engineering to Acting Vice President for Administrative Operations and Professor of Mechanical Engineering, effective immediately, at a salary of $34,452.00 per annum.

Johanna S. Belkin from Associate Professor in the Department of German to Associate Dean of the College of Humanities, effective October 1, 1972, at a salary of $19,608.00 per annum. Dr. Belkin will continue to hold an academic appointment as Associate Professor in the Department of German.

Karl F. Graff from Professor in the Department of Engineering Mechanics to Professor in and Chairman of the Department of Engineering Mechanics, effective immediately, at a salary of $23,808.00 per annum.

William B. Shook from Associate Professor in the Department of Ceramic Engineering to Associate Professor in and Chairman of the Department of Ceramic Engineering, effective immediately, at a salary of $21,288.00 per annum.

Loranc C. Kruse from Associate Professor in the School of Nursing to Associate Professor and Acting Director of the School of Nursing, effective immediately, at a salary of $17,488.00 per annum.

Colin R. Macpherson from Professor in the Department of Pathology to Professor in and Acting Chairman of the Department of Pathology, effective immediately, at a salary of $30,648.00 per annum.

B. Appointment

Robert D. Archibald, Director of the University Counseling Center, effective August 1, 1972, at a salary of $19,128.00 per annum.
II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

William D. Heintz, Professor, College of Dentistry, effective July 1, 1972 through September 30, 1972, for personal travel and lecturing in Europe.

Henry L. Hunker, Professor, Department of Geography, effective October 1, 1972 through September 30, 1973, to accept a Fellowship with Battelle Memorial Institute.

Kurt Mahler, Professor, Department of Mathematics, effective July 1, 1972 through September 30, 1972, to serve as a visiting Professor at the Australian National University, Canberra, Australia.

Arnold M. Zwicky, Jr., Professor, Department of Linguistics, effective October 1, 1972 through September 30, 1973, to accept a Guggenheim Fellowship.

James A. Grossie, Associate Professor, Department of Physiology, effective June 1, 1972 through September 30, 1972, to accept a Postdoctoral Fellowship at the University of Buffalo.

David M. Peterson, Associate Professor, Department of Sociology, effective October 1, 1972 through September 30, 1973, to engage in research at the University of Miami.

Christopher A. Rodowskas, Associate Professor, College of Pharmacy, effective July 1, 1972 through August 31, 1972, to set up a grant proposal for the American Association of Colleges of Pharmacy, Silver Spring, Maryland.

Peter W. Post, Assistant Professor, Department of Anthropology, effective October 1, 1972 through September 30, 1973, to do research at Harvard University.

David L. Stampe, Assistant Professor, Department of Linguistics, effective October 1, 1972 through September 30, 1973, to accept a Postdoctoral Fellowship at Massachusetts Institute of Technology.

Carol J. Bininger, Instructor, School of Nursing, effective June 20, 1972 through September 24, 1972, for personal reasons.
II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

T. Roy Bogle, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective July 1, 1972 through January 31, 1973, to participate in a program of professional improvement at the University of Missouri.

Patricia A. Braden, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective July 1, 1972 through December 31, 1972, for personal reasons.

Beverly Deerwester, Instructor (County Extension Agent, Home Economics) Wood County, Cooperative Extension Service, effective May 1, 1972 through July 15, 1972, for personal reasons.

D. Emeritus Titles

Florence M. Harvey, School of Nursing, with the title Professor Emeritus, effective July 1, 1972.

Lawrence E. Kunkle, Sr., Department of Animal Science, with the title Professor Emeritus, effective July 1, 1972.

E. Appointment of Department Chairman

Roy B. McCauley, Chairman of the Department of Welding Engineering, effective July 1, 1972 through June 30, 1976.

President Fawcett recommended that the Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Titles, Appointment of Department Chairman, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

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

SUMMARY

(May 13, 1972 - June 16, 1972)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
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<td>Contracts</td>
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<tr>
<td>Government Research - Federal</td>
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<td>$1,093,235.00</td>
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<tr>
<td>Industrial and Other Research</td>
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<tr>
<td>Grants</td>
<td></td>
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<tr>
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<td>43</td>
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<tr>
<td>Industrial and Other Research</td>
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<tr>
<td>Totals</td>
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<td>$3,269,028.00</td>
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In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

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

1. Government Research Contracts - Federal


c. Department of Army, Letterkenny Army Depot, Chambersburg, Pennsylvania, Small Unit Combat Simulation (DYNACS X) (to be known as Project No. 2978 - Mod. #P00009 - Engineering Experiment Station). Gross Value - $9,969.00.


e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies on the Ability of Stored Blood to Transport Oxygen in Vivo (to be known as Project No. 3244-A1 - Mod. #1 - Department of Medicine). Gross Value - $51,400.00.

f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Participation in a Study of Cerebral Death (to be known as Project No. 3264-A1 - Mod. #1 - Department of Medicine). Gross Value - $51,400.00.

g. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00003 - Department of Electrical Engineering). Gross Value - $105,000.00.
July 7, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

Gross Value - $63,045.00.

i. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Symposium on Drug Effects on Neuroendocrine Regulations (to be known as Project No. 3458-A1 - New - Department of Pharmacology).
Gross Value - $10,000.00.

j. Department of Army, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia, Vibration Signal Analysis Techniques Study (to be known as Project No. 3463-A1 - New - Department of Mechanical Engineering).
Gross Value - $46,406.00.

Gross Value - $7,000.00.

Gross Value - $344,869.00.

Gross Value - $25,776.00.

Gross Value - $9,272.00.
July 7, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

   o. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop and Conduct a Training Course for FDA Professional Personnel (to be known as Project No. 3479-B1 - New - College of Administrative Science, Division of Continuing Education). Gross Value - $8,019.00.


   TOTAL - Government Research Contracts - Federal $1,093,235.00

2. Industrial and Other Research Contracts

   a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #24 - Department of Metallurgical Engineering). Gross Value - $9,000.00.


   c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Studies of Arctic Pedology, Geology, and Permafrost (to be known as Project No. 3475-A1 - New - Institute of Polar Studies). Gross Value - $20,326.00.

   TOTAL - Industrial and Other Research Contracts $33,326.00


   a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as Project No. 782-K - Sup. #1 - Department of Biophysics). Gross Value - $3,526.00.
July 7, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as Project No. 1451-K - Ext. #10 - Department of Pharmacology).
Gross Value - $43,837.00.

c. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-H - Ext. #8 - College of Pharmacy).
Gross Value - $19,388.00.

d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Induction of Tolerance to Xenografts (to be known as Project No. 2662-D - Ext. #4 - Department of Surgery).
Gross Value - $42,622.00.

e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as Project No. 2711-C - Ext. #3 - Department of Ophthalmology).
Gross Value - $35,300.00.

f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis (to be known as Project No. 2797-C - Ext. #3 - Department of Veterinary Pathology).
Gross Value - $41,675.00.

g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Sup. #1 - Department of Physiological Chemistry).
Gross Value - $7,075.00.

h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Mechanism of Sodium Retention in Edematous States (to be known as Project No. 2831-C - Ext. #3 - College of Medicine).
Gross Value - $64,855.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

3. Government Research Grants - Federal (continued)

i. National Science Foundation, Washington, D. C., Group Theory, the Theory of Orders and the Geometry of Numbers (to be known as Project No. 2839 - Amend. #2 - Department of Mathematics).
Gross Value - $24,700.00.

Gross Value - $39,671.00.

k. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conferences (to be known as Project No. 3058-A3 - Ext. #2 - Department of Psychology).
Gross Value - $7,225.00.

l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A3 - Ext. #2 - Department of Physiological Chemistry).
Gross Value - $39,186.00.

m. National Science Foundation, Washington, D. C., Mechanism of Photophosphorylation (to be known as Project No. 3081-A1 - Amend. #1 - Department of Biochemistry).
Gross Value - $40,000.00.

Gross Value - $5,100.00.

Gross Value - $39,600.00.

Gross Value - $105,945.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

3. Government Research Grants - Federal (continued)

q. National Science Foundation, Washington, D. C., H-Spaces mod p
   and H-Spaces of Low Rank (to be known as Project No. 3239-A1 -
   Sponsor ltr. dtd. 5/17/72 - Department of Mathematics).
   Gross Value - $6,000.00.

r. Department of Health, Education, and Welfare, Office of Education,
   Washington, D. C., National Program in Educational Leadership
   (to be known as Project No. 3252-A1 - Rev. #4 - College of Edu-
   cation),
   Gross Value - $729,360.00.

s. Department of Health, Education, and Welfare, Office of Education,
   Washington, D. C., National Program in Educational Leadership
   (to be known as Project No. 3252-B1 - New - College of Education).
   Gross Value - $57,330.00.

   Service, Food and Drug Administration, Rockville, Maryland,
   Amino Sugars in Processed Foods (to be known as Project No.
   3275-A2 - Ext. #1 - Department of Food Science and Nutrition).
   Gross Value - $26,193.00.

   Service, National Institute for Occupational Safety and Health,
   Bethesda, Maryland, Pathophysiology of Coal Pneumoconiosis in
   Equidae (to be known as Project No. 3282-A2 - Ext. #1 - Depart-
   ment of Veterinary Pathology).
   Gross Value - $97,998.00.

   Service, National Institutes of Health, National Cancer Institute,
   Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic
   Cells (to be known as Project No. 3283-A2 - Ext. #1 - Depart-
   ment of Physiological Chemistry).
   Gross Value - $36,722.00.

   Service, National Institutes of Health, National Cancer Institute,
   Bethesda, Maryland, Chemical Studies Related to Hydrocarbon
   Carcinogenesis (to be known as Project No. 3284-A2 - Ext. #1 -
   Department of Chemistry).
   Gross Value - $46,430.00.
July 7, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

Gross Value - $17,471.00.

Gross Value - $20,047.00.

Gross Value - $13,355.00.

aa. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Lymphocyte Reactivity in Inflammatory Bowel Disease (to be known as Project No. 3450-A1 - New - Department of Medicine).
Gross Value - $17,996.00.

bb. National Science Foundation, Washington, D. C., Local Equilibrium and Diffusion in Multiphase Couples (to be known as Project No. 3451-A1 - New - Department of Metallurgical Engineering).
Gross Value - $14,200.00.

Gross Value - $23,000.00.

Gross Value - $45,800.00.
July 7, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)


   ll. National Science Foundation, Washington, D. C., Dislocation Sources in the Microstrain Region (to be known as Project No. 3465-A1 - New - Department of Metallurgical Engineering). Gross Value - $44,000.00.
July 7, 1972 meeting, Board of Trustees

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

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

3. Government Research Grants - Federal (continued)

mm. National Science Foundation, Washington, D. C., Word Encoding
and Memory (to be known as Project No. 3467-A1 - New - Department
of Psychology).
Gross Value - $26,800.00.

Service, Health Services and Mental Health Administration, National
Institute of Mental Health, National Institute of Alcohol Abuse and
Alcoholism, Bethesda, Maryland, Effect of Ethanol on Jejunal Func-
tion (to be known as Project No. 3469-A1 - New - Department of
Medicine).
Gross Value - $28,377.00.

oo. National Science Foundation, Washington, D. C. 20550, Self-
Programming Systems: A New Approach (to be known as Project
No. 3470-A1 - New - Department of Computer and Information
Science).
Gross Value - $25,400.00.

Groups (to be known as Project No. 3473-A1 - New - Department
of Speech Communication).
Gross Value - $19,942.00.

qq. Department of Health, Education, and Welfare, Office of Education,
Washington, D. C., The Contribution of School and Non-School
Inputs to Student Achievement (to be known as Project No. 3474-A1 -
New - Department of Agricultural Economics and Rural Sociology).
Gross Value - $14,121.00.

TOTAL - Government Research Grants - Federal $2,061,129.00

4. Industrial and Other Research Grants

a. American Heart Association, Inc., New York, New York, Action of
Antimycin A on Heart Respiratory Function (to be known as Project
No. 3036-A3 - Ext. #2 - Department of Physiological Chemistry).
Gross Value - $13,200.00.
July 7, 1972 meeting, Board of Trustees

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

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

4. Industrial and Other Research Grants (continued)

   Gross Value - $6,120.00.

c. United Fund Health Foundation, Canton, Ohio, Early Hearing Loss Due to Environmental Noise Pollution (to be known as Project No. 3201-A1 - Sponsor ltr. dtd. 4/12/72 - Department of Otolaryngology).
   Gross Value - $8,300.00.

d. United Fund Health Foundation, Canton, Ohio, Effect of Carbon Monoxide on Tissue Oxygen Supply (to be known as Project No. 3202-A1 - Sponsor ltr. dtd. 4/12/72 - Department of Medicine).
   Gross Value - $7,200.00.

e. American Heart Association, Inc., New York, New York, Blood Oxygen Transport in Hemoglobinopathies (to be known as Project No. 3243-A2 - Ext. #1 - Department of Medicine).
   Gross Value - $12,650.00.

   Gross Value - $13,386.00.

g. The Milhjem Foundation for Cancer Research, The Colorado National Bank Trust Department, Denver, Colorado, Determining Malignant Cerebral Tumors by Fluorescence Microscopy (to be known as Project No. 3461-A1 - New - Department of Surgery).
   Gross Value - $6,982.00.

h. American Iron and Steel Institute, New York, New York, Composition of Passive Films (to be known as Project No. 3472-A1 - New - Department of Metallurgical Engineering).
   Gross Value - $13,500.00.

TOTAL - Industrial and Other Research Grants $81,338.00
July 7, 1972 meeting, Board of Trustees

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

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

SUMMARY

(Period: May 12, 1972 - June 15, 1972)

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
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<tbody>
<tr>
<td>Government Research Contracts</td>
<td>4</td>
</tr>
</tbody>
</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

   EES 276X Ext. #8
   An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $180,000.00.

   EES 278X Ext. #8
   Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $21,530.00.

   EES 392X Mod. #1
   Formation of Dense Settled Sludge by Lime Treatment of Acid Mine Drainage, U.S. Department of Interior, Washington, D.C.
   Gross Value - $3,000.00.

   EES 399X Mod. #1
   Institute Director's Office, U.S. Department of Interior, Washington, D.C.
   Gross Value - $2,522.00.

TOTAL - Government Research Contracts $207,052.00
C. Lease Agreement: Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center

Sections 903.06 and 3345.11, Ohio Revised Code, provide general authorization for the Board of Control of the Ohio Agricultural Research and Development Center to enter into a lease with the Board of Trustees of The Ohio State University authorizing said Board of Trustees of The Ohio State University use of lands for the construction and operation of an Area Extension Center and related facilities.

The Center has custody and control of certain lands owned by the State of Ohio and located in Noble Township, Noble County, Ohio.

It is the desire of the parties hereto that the University have the use of these lands for the construction and operation of an Area Extension Center and related facilities.

The parties propose utilization of the land in accordance with the provisions of Sections 903.06 and 3345.11, Ohio Revised Code.

It was recommended that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to enter into a lease agreement between the Board of Control of the Ohio Agricultural Research and Development Center and the Board of Trustees of The Ohio State University to provide for the lease of 9.92 acres for the construction and operation of an Area Extension Center and related facilities located in Noble Township, Noble County, Ohio.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
IV. GRANTS AND GIFTS

SUMMARY
(Period: May, 1972)

Grants
Office of Finance and Treasurer $4,506,571.70

Gifts
The Ohio State University Development Fund

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<td>Individuals Other than Alumni</td>
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<td>Business Concerns</td>
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<td>Foundations and Nonprofit Organizations</td>
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$1,161,991.84

Fiscal Year July 1, 1971 - May 31, 1972

General Solicitation $519,972.75

Major Resources Group:
| Major Individual Gifts | $2,184,824.85 |
| Corporate Gifts        | 988,216.18    |
| Foundations and Nonprofit Organizations Gifts | 978,303.52 |
| Total                  | 4,151,344.55  |

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include a listing of gifts of $5,000 or more and the establishment of named funds.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer


2. $433,670.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program - Training Grant, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D08 PE00110-03)

3. $390,836.00 additional grant by U. S. Department of Agriculture, Animal and Plant Health Inspection Service, Administrative Management Branch, Federal Center Bldg., Hyattsville, Maryland, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees, under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period July 1, 1972 through June 30, 1973. (Contract No. 12-25-400-64, Modification No. 4)

4. $291,461.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, to renovate Goss Laboratory for research, under the direction of the Department of Veterinary Pathology. (Grant No. 1 C06 CA13569-01)

5. $199,714.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for Nisonger Center/Community Stimulation Project, for the period June 1, 1972 through May 31, 1973. (Grant No. 56-P-25298/5-01)

6. $154,682.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Professional Nurse Traineeship - Baccalaureate and Post-Baccalaureate - Training Grant, under the direction of the School of Nursing, for the period September 1, 1972 through August 31, 1973. (Grant No. 5 All NU00029-16)

7. $133,004.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, to the University for Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through August 31, 1972. (Grant No. 5 G03 RM 00022-02A4)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. $118,399.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Project No. 555503-04-72)

9. $118,412.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program - Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D08 PE05014-02)

10. $111,728.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Design, Development and Dissemination of In-Service Training Materials, under the direction of the College of Education, for the period May 1, 1972 through June 14, 1973. (Grant No. OEG-0-72-3583)

11. $102,059.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry - Basic Residency - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH08458-09)

12. $90,712.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01539-07)

13. $89,616.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for Preventive Medicine Curriculum Augmentation, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D04 AH01113-07)

14. $83,638.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for Comprehensive Education for Social and Rehabilitation Services, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 46-P-25230/5-01)

15. $81,961.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training in Expanded Auxiliary Management, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D11 DH08008-02)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. $78,840.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Renal Disease - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 HL05975-01)

17. $66,644.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH05061-26)

18. $60,805.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Statewide Library Planning and Evaluation, under the direction of the College of Education, for the period June 15, 1972 through November 30, 1972. (Grant No. OEG-0-72-7535)

19. $59,513.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvement - Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 DO1 AH50402-01)

20. $57,941.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research and Faculty Training in Dental Anesthesiology - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 DE00291-01)

21. $55,025.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 DO1 AH50413-01)

22. $54,906.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Postdoctoral Training in Neurological Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 NS05529-07)

23. $50,108.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Hospital and Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 DO1 AH50407-01)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

24. $49,992.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Preparation for Leadership in Child Health Services, under the direction of the School of Nursing, for the period June 1, 1972 through May 31, 1973. (Grant No. 5 D10 NU00429-03)

25. $38,004.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Experimental Psychology Graduate - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH08526-09)

26. $37,026.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Dental Auxiliary Utilization Training - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D06 DH05044-11)

27. $36,000.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Center for Lake Erie Area Research, under the direction of the Department of Zoology, with a completion date of May 31, 1973.

28. $33,288.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Gastroenterology - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AM05569-02)


30. $31,307.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatry - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH05924-22)

31. $31,295.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH0550-16)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

32. $30,591.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for The Biosynthesis of Neurohypophysyal Hormones, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 AM11519-05)

33. $30,208.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing - Training Grant, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH06375-16)

34. $29,449.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research Training Physiological Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH06748-15)

35. $26,400.00 granted by State of Ohio, Department of Mental Hygiene and Correction, Ohio Departments Building, Columbus, Ohio, to the University for Detection and Implementation of Developmental Disabilities Through an Advocacy Model for Human Needs, for the period July 1, 1972 through June 30, 1973. (Grant No. 72-131)

36. $26,250.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Environmental Evaluation of a Nuclear Power Plant on Lake Erie, under the direction of the Department of Zoology, with a completion date of May 31, 1973.

37. $21,870.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvement - Medical Records Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50410-01)

38. $18,654.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work - Community Organization - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH10789-08)

39. $16,933.00 granted by U. S. Atomic Energy Commission, Washington, D. C., to the University for graduate level trainees, under the direction of the Department of Mechanical Engineering (Nuclear), for the period September 1, 1972 through August 31, 1973. (Contract No. AT-(40-1)-3892, Modification No. 3)
July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

40. $16,781.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work Doctoral and Third Year - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH11981-04)

41. $15,000.00 granted by U. S. Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., to the University for providing graduate training for research manpower in the field of highway safety, under the direction of the Graduate School, for the period July 1, 1972 through June 30, 1973. (Contract/Order No. FH-11-7357G)

42. $11,273.20 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for a Division of Wildlife Upland Wildlife Ecology Research and Management Study, under the direction of the School of Natural Resources, for the period September 1, 1972 through August 31, 1973. (Project No. W-103-R-16, Study VI, Job VI-a)

43. $11,032.00 granted by National Endowment for the Humanities, Washington, D. C., to the University for An Experimental Workshop on the Role of Performance in Education, under the direction of the Division of Comparative Literatures and Languages, for the period March 21, 1972 through September 30, 1972. (Grant No. ES-6552-72-352)

44. $10,000.00 granted by U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for research by the Ohio Cooperative Wildlife Research Unit, under the direction of the Department of Zoology, for the period June 15, 1972 through June 14, 1974. (Contract No. 14-16-0008-1070)

45. $9,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Faculty Development - Associate Degree Programs in Nursing - Training Grant, under the direction of the School of Nursing, for the period August 14, 1972 through August 18, 1972. (Grant No. 1 A12 NU00175-01)

46. $5,900.00 granted by The Ford Foundation, 320 E. 43rd Street, New York, New York, to the University for an Advanced Study Fellowship for Black Americans, under the direction of the Graduate School, for the academic year 1972-1973. (Project No. 719-0022)

47. $1,500.00 additional grant by Agency for International Development, United States Government, Washington, D. C., to the University for Rural Savings Capacity in Taiwan and Response to Economic Incentives, under the direction of the Department of Agricultural Economics and Rural Sociology. (Grant No. AID/ea-169, Amendment No. 1)
July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund

1. $818,229.00 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--$545,486.00 to be added to the Student Memorial Fund in the College of Dentistry and $272,743.00 to be added to the Snyder Research Memorial Fund in the College of Medicine.

2. $25,833.00 from the Associates of Medicine, Columbus, Ohio, for the general fund in the Department of Medicine.

3. $15,000.00 from the Bremer Foundation, Youngstown, Ohio, for its scholarship fund.

4. $13,693.57 from the American Medical Association, Chicago, Illinois--$7,693.57 for the Faculty Seminar on Medical Education and $6,000.00 for the College of Medicine Administrative Fund.

5. $11,500.00 from the Estate of Mary C. Place, Lima, Ohio, for an endowed scholarship fund for students at the Lima Campus.

6. $10,000.00 from A. Earl Cullum, Jr., & Associates, Dallas, Texas, to support the ElectroScience Laboratory Director's Fund.

7. $10,000.00 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.

8. $10,000.00 from State Auto Insurance Company, Columbus, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.

9. $9,000.00 from the Mansfield O.S.U. Scholarship Fund, Mansfield, Ohio, for Mansfield Campus scholarships.

10. $8,618.75 from Mr. Robert J. Weiler, Columbus, Ohio, for the University Activities Center Fund.

11. $7,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for unrestricted research in Organic Chemistry.

12. $6,937.00 from Mr. Alex Schoenbaum, Charleston, West Virginia, for his endowed fund to support graduate instruction and research in the field of business administration.

13. $6,737.00 from Edgar Dale, Columbus, Ohio, to support the Edgar Dale project in the College of Education.

14. $6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund (continued)

15. $5,542.00 from Mrs. Howard E. (Catharine B.) Le Fevre, Newark, Ohio, for scholarships for students attending the Newark Campus.

16. $5,000.00 from Jasam Foundation, Inc., Columbus, Ohio, for a project Opportunity For Disadvantaged Adolescents in the College of Education.

17. $5,000.00 from Liqui-Box Corporation, Columbus, Ohio, for a project Opportunity For Disadvantaged Adolescents in the College of Education.

18. $5,000.00 from Mr. Maurice A. Young, Youngstown, Ohio, for support of the Frank E. and Mary W. Pomerene Professor of Medicine.

C. Establishment of Named Funds

1. $2,792.19 for the establishment of The Janet Harris Harding Scholarship Fund.

The Janet Harris Harding Scholarship Fund

The Janet Harris Harding Scholarship Fund was established July 7, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lowry W. Harding, Ph.D., 1941, Columbus, Ohio, in honor of his wife, Janet Harris Harding.

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

Annual income is to be added to the principal until the fund reaches $10,000. At that time, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Education and majoring in elementary education. First preference is to be given to one or more minority group students who have a strong interest in the area of mathematics and who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the senior faculty members in the Elementary Education Department and the Dean of the College.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.
IV. GRANTS AND GIFTS (continued)

C. Establishment of Named Funds (continued)

2. $1,150.00 for the establishment of the Stadium Scholarship Dormitory Scholarship Fund.

Stadium Scholarship Dormitory Scholarship Fund

The Stadium Scholarship Dormitory Scholarship Fund was established July 7, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from students, alumni, and friends of the Stadium Scholarship Dormitory.

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

The income is to be used annually for scholarships, loans, or awards to qualified students. All scholarships, loans, or awards are to be made by the University Scholarship Committee.

Should the need for these scholarships, loans, or awards cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever, as determined by the Board of Trustees of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for student financial aids programs.

V. APPROPRIATION AND TRANSFER OF FUNDS

In accordance with a requirement of the Auditor of State all transfers made among fund groups during the fiscal year 1971-1972 are reported below:

A. Transfer of Earned Indirect Costs

President Fawcett reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 148999, University Treasurer General Fund.

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1971-1972.

National Science Foundation

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<th>Code</th>
<th>Description</th>
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<th>Amount</th>
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July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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<tr>
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<td>310137 Mathematics Ross $ 3,318.01</td>
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<td>310138 Engineering Yarrington $ 1,756.61</td>
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<td>310140 Chemistry Meek $ 1,451.81</td>
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<td><strong>Total National Science Foundation</strong> $ 29,923.33</td>
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U. S. Department of Health, Education and Welfare

| NIH - Pharmacology - Marks $ 4,746.49 |
| NIH - Medicine - Allen $ 833.38 |
| NIH - Pharmacy - LaPidus $ 2,037.78 |
| NIH - Physics - Nelson $ 2,053.04 |
| NIH - Psychiatry - Gregory $ 3,167.03 |
| NIH - Psychiatry - Gregory $ 7,263.68 |
| NIH - School of Nursing - King $ 2,685.16 |
| NIH - School of Social Work - Medhurst $ 2,515.44 |
| NIH - Veterinary Pathology - Cole $ 9,437.38 |
| NIH - Medicine - Warren $ 5,795.59 |
| NIH - Medicine - Weissler $ 3,763.84 |
| NIH - Obstetrics and Gynecology - Ullery $ 4,201.39 |
| NIH - Entomology - Wharton $ 3,180.19 |
| NIH - Psychology - Wickens $ 1,752.35 |
| NIH - Medicine - Cerilli $ 5,611.51 |
| NIH - Dentistry - Rosen $ 1,812.64 |
| NIH - Pharmacology - Hollander $ 1,825.12 |
| NIH - Physiology - Little $ 1,943.22 |
| NIH - Ophthalmology - Makley $ 4,606.10 |
| NIH - Surgery - Zollinger $ 6,618.66 |
| NIH - Otolaryngology - Saunders $ 6,830.64 |
| NIH - Dentistry - Trippy $ 4,583.56 |
| NIH - Veterinary Physiology and Pharmacology - Hamlin $ 1,120.27 |
| NIH - Industrial Engineering - Rockwell $ 1,273.04 |
| NIH - Psychiatry - Marks $ 1,470.78 |
| NIH - Medicine - George $ 2,207.75 |
| NIH - Pathology - Gruemer $ 1,475.77 |
| NIH - School of Social Work - Medhurst $ 2,077.07 |
**V. APPROPRIATION AND TRANSFER OF FUNDS (continued)**

A. **Transfer of Earned Indirect Costs (continued)**

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**Total U. S. Department of Health, Education and Welfare**

$569,258.33
July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Government - Other

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<td>390092 Peace Corps - Agriculture</td>
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<td>1,233.75</td>
<td></td>
</tr>
<tr>
<td>390093 AID - Uganda - Agriculture</td>
<td></td>
<td>1,287.92</td>
<td></td>
</tr>
<tr>
<td>390094 Lockbourne AFB - Geodetic Science - Uotila</td>
<td>3,596.33</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total U. S. Government - Other $ 97,209.01

Miscellaneous

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>410098 State Library Board - Sisson</td>
<td></td>
<td>$ 2,925.17</td>
<td></td>
</tr>
<tr>
<td>410099 State Department of Education - Hoffman</td>
<td>532.18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>410107 State Department of Education - Reese</td>
<td>2,258.00</td>
<td></td>
<td></td>
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<tr>
<td>410111 State Department of Education - Wigtel</td>
<td>431.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>531095 Ford Foundation - Nelson</td>
<td></td>
<td>780.00</td>
<td></td>
</tr>
<tr>
<td>531134 Sloan Foundation - Gassman</td>
<td></td>
<td>716.05</td>
<td></td>
</tr>
</tbody>
</table>

Total Miscellaneous $ 7,642.60

Grand Total $ 704,033.27

B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1971-1972, the following transfers were made from current funds to plant funds:

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stadium Research Space - Phase II</td>
<td>801020</td>
<td>149999</td>
<td>$(2,342.61)</td>
</tr>
<tr>
<td>Laboratory Animal Center</td>
<td>801021</td>
<td>921400</td>
<td>47,202.00</td>
</tr>
<tr>
<td>West Union</td>
<td>801070</td>
<td>149999</td>
<td>(58,199.56)</td>
</tr>
<tr>
<td>Jones Tower Swimming Pool</td>
<td>801080</td>
<td>998295</td>
<td>16,433.53</td>
</tr>
<tr>
<td>Edward S. Drake Union</td>
<td>801083</td>
<td>149997</td>
<td>127,233.00</td>
</tr>
</tbody>
</table>

36
July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parking Ramp - Stadium Area</td>
<td>801092</td>
<td>921300</td>
<td>$64,806.12</td>
</tr>
<tr>
<td>Undergraduate Library</td>
<td>801095</td>
<td>149997</td>
<td>111,000.00</td>
</tr>
<tr>
<td>Ohio Union Garage</td>
<td>801111</td>
<td>921300</td>
<td>(26,395.60)</td>
</tr>
<tr>
<td>Biological Sciences Building</td>
<td>801137</td>
<td>124358</td>
<td>6,000.00</td>
</tr>
<tr>
<td>Derby Hall Remodeling</td>
<td>801158</td>
<td>149999</td>
<td>(1,109.00)</td>
</tr>
<tr>
<td>Lazenby Hall Remodeling</td>
<td>801162</td>
<td>149999</td>
<td>(12,185.67)</td>
</tr>
<tr>
<td>Brown Hall Remodeling</td>
<td>801165</td>
<td>149999</td>
<td>(4,497.00)</td>
</tr>
<tr>
<td>Cockins Hall Remodeling</td>
<td>801181</td>
<td>120642</td>
<td>458.00</td>
</tr>
<tr>
<td>Service Building - Police Station</td>
<td>801185</td>
<td>149999</td>
<td>(2,951.45)</td>
</tr>
<tr>
<td>Veterinary Clinic and Animal Hospital</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stadium Drive Improvement</td>
<td>801203</td>
<td>149999</td>
<td>12,705.00</td>
</tr>
<tr>
<td>Animal Science Building Remodeling</td>
<td>801205</td>
<td>149999</td>
<td>(17,514.75)</td>
</tr>
<tr>
<td>Caldwell Laboratory Remodeling</td>
<td>801206</td>
<td>149999</td>
<td>(400.00)</td>
</tr>
<tr>
<td>Lazenby Hall Remodeling</td>
<td>801207</td>
<td>149999</td>
<td>(29,598.74)</td>
</tr>
<tr>
<td>Ohio Stadium - Phase V</td>
<td>801225</td>
<td>200000</td>
<td>24,550.85</td>
</tr>
<tr>
<td>Ohio Stadium - Artificial Turf</td>
<td>801226</td>
<td>522740</td>
<td>45,514.62</td>
</tr>
<tr>
<td>School of Nursing - Equipment</td>
<td>801227</td>
<td>152525</td>
<td>350.00</td>
</tr>
<tr>
<td>Student Services Building</td>
<td>801233</td>
<td>149999</td>
<td>(2,493.00)</td>
</tr>
<tr>
<td>Lord Hall Remodeling</td>
<td>801234</td>
<td>149999</td>
<td>(5,285.00)</td>
</tr>
<tr>
<td>Main Library - Air Conditioning</td>
<td>801236</td>
<td>149999</td>
<td>(1,198.53)</td>
</tr>
<tr>
<td>Security Improvements</td>
<td>801238</td>
<td>124358</td>
<td>(2,804.10)</td>
</tr>
<tr>
<td>Lima Parking Improvement</td>
<td>801242</td>
<td>921353</td>
<td>20,000.00</td>
</tr>
<tr>
<td>Brown Hall Remodeling</td>
<td>801243</td>
<td>149999</td>
<td>(5,744.00)</td>
</tr>
<tr>
<td>Novice G. Fawcett Center for Tomorrow - Telecommunications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arps Garage - Sealing</td>
<td>801248</td>
<td>159500</td>
<td>25,331.00</td>
</tr>
<tr>
<td>Novice G. Fawcett Center for Tomorrow - Third Floor</td>
<td>801250</td>
<td>921300</td>
<td>66,383.00</td>
</tr>
<tr>
<td>Newark Recreation Courts</td>
<td>801252</td>
<td>149994</td>
<td>40,085.00</td>
</tr>
<tr>
<td>Agricultural Administration and Classroom Building - Parking Lots</td>
<td>801253</td>
<td>921300</td>
<td>45,000.00</td>
</tr>
<tr>
<td>Ohio Stadium Lighting</td>
<td>801256</td>
<td>998000</td>
<td>5,000.00</td>
</tr>
<tr>
<td>Stillman Hall Remodeling</td>
<td>801260</td>
<td>100784</td>
<td>11,000.00</td>
</tr>
<tr>
<td>Marion Campus Parking Lot</td>
<td>801261</td>
<td>149999</td>
<td>19,004.00</td>
</tr>
</tbody>
</table>
V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<table>
<thead>
<tr>
<th>Account Description</th>
<th>B/A</th>
<th>Transferred from B/A</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printing Facility - Air Conditioning</td>
<td>801264</td>
<td>911683</td>
<td>$70,000.00</td>
</tr>
<tr>
<td>Plumb Court Parking Lot</td>
<td>801265</td>
<td>921300</td>
<td>$29,478.00</td>
</tr>
<tr>
<td>Hospital Capital Reserve</td>
<td>809998</td>
<td>960200</td>
<td>$1,928,948.00</td>
</tr>
<tr>
<td>Novice G. Fawcett Center for Tomorrow - Reserve</td>
<td>809999</td>
<td>522374</td>
<td>$178,000.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>$3,026,546.72</strong></td>
</tr>
</tbody>
</table>

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. School of Allied Medical Professions

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,252,630.00</td>
<td>$3,254,755.85</td>
<td>$2,125.85</td>
</tr>
</tbody>
</table>

Revisions were made to separate court area drainage from overloaded sewer and divert surface water to storm sewer system assuring an adequate drainage system.

Funds for these revisions have been provided by Budget Account 016062 (School of Allied Medical Professions).

B. University School (Ramseyer Hall) - Renovation and Air Conditioning

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$323,060.00</td>
<td>$326,958.82</td>
<td>$3,898.82</td>
</tr>
</tbody>
</table>

The changes on this project represent deviations from the original specifications due to conditions found during the process of construction.
July 7, 1972 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. University School (Ramseyer Hall) - Renovation and Air Conditioning (continued)

Funds for these revisions have been provided by Budget Accounts 019074 (Utilities and Renovations) and 801140 (Ramseyer Hall Renovation).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

VII. REPORT OF AWARD OF CONTRACTS

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

A. University College - Building No. 13

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7 bids received 6-22-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowlton Construction Company</td>
<td>$1,228,300.00</td>
<td>$1,621,225.00</td>
</tr>
<tr>
<td>(Bellefontaine, Ohio)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. G-1 Bus stop shelter</td>
<td>$59,800.00</td>
<td>$48,656.00</td>
</tr>
<tr>
<td>Alt. G-2 Interior brick walls</td>
<td>$23,000.00</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>Alt. G-3 Additional casework</td>
<td>$9,500.00</td>
<td>$9,100.00</td>
</tr>
<tr>
<td>Alt. G-6 Carrels - Room 095</td>
<td>$9,500.00</td>
<td>$8,810.00</td>
</tr>
<tr>
<td>Alt. G-8 Lecture hall seating</td>
<td>$2,400.00</td>
<td>N/C</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$1,318,700.00</td>
<td>$1,713,491.00</td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(9 bids received 6-22-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. A. Croson Plumbing and Heating, Inc. (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$96,400.00</td>
<td>$121,200.00</td>
</tr>
<tr>
<td>Alt. P-1 Bus stop shelter</td>
<td>$3,000.00</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$99,400.00</td>
<td>$125,200.00</td>
</tr>
</tbody>
</table>

Heating, Ventilating, and Air Conditioning Contract

| (10 bids received 6-22-72)          |           |              |
| J. A. Guy, Inc. (Dublin)            |           |              |
| Base bid                           | $497,300.00 | $541,875.00  |
| Alt. H-4 Buffalo air handling units | $4,000.00  | N/C          |
| Total Contract                     | $501,300.00 | $541,875.00  |
VII. REPORT OF AWARD OF CONTRACTS (continued)

A. University College - Building No. 13 (continued)

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Contract</td>
<td>$369,606.00</td>
<td>$355,000.00</td>
</tr>
<tr>
<td>(7 bids received 6-22-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burroughs Hatfield (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$369,606.00</td>
<td>$355,000.00</td>
</tr>
<tr>
<td>Alt. E-1 Electrical work for bus</td>
<td>+6,100.00</td>
<td>+5,000.00</td>
</tr>
<tr>
<td>shelters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contract</td>
<td>$375,706.00</td>
<td>$360,000.00</td>
</tr>
<tr>
<td>Total All Contracts</td>
<td>$2,295,106.00</td>
<td>$2,740,566.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from HB 988, Item 315-067, HB 531, Item 315-067, SB 457, Item 315-067.

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

B. Erection of Educational Television Tower and Associated Facilities

At the December 3, 1971 meeting, this Board authorized the purchase of land on which an educational television transmitting tower is to be constructed. Bids for the construction of this tower are now scheduled to be received on July 12, 1972. Since these bids are valid for thirty days and the next meeting of the Board will not be held until early September, it was recommended that the President and/or the Vice President for Administrative Operations be authorized to award the contracts associated with this project as long as these bids are within the estimate of cost, and that the Board ratify this action at its September meeting.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by roll call vote with Mr. Eckley abstaining.

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

13 Approval of the award of three change orders, without competitive bidding, to the contractors working on the Health Sciences Library project.
July 7, 1972 meeting, Board of Trustees

VIII. CONTROLLING BOARD REQUESTS (continued)

14 Approves the purchase of the Elizabeth D. Bacon property consisting of
1.64 acres known as 5763 Godown Road, Columbus, Ohio, for $25,000. Funding will be from appropriation in HB 988. Property is in the area adjacent to Don Scott Field where the College of Agriculture and Home Economics facilities from West Campus are being relocated.

15 Approves the purchase of the Herschel D. and Beryl L. Mitchell property consisting of 56+ acres located at 3025 West Granville Road, Columbus, Ohio, for $588,000. This purchase is from University funds.

16 Approves the purchase of a lot located at 224 West 10th Avenue from Philip E. Carlin for $19,000 using University funds.

17 Approves the purchase of 88 ft. off a lot located at 91-93 West Eleventh Avenue from Lillian K. Ink for $31,000 using University funds.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Acquisition of Property - 3025 Granville Road, Columbus, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, President Fawcett recommended that the 56 acre farm located at 3025 West Granville Road, Columbus, Ohio, be purchased from Herschel D. Mitchell and Beryl L. Mitchell with University Investment Portfolio funds.

The payment for the purchase is proposed to be made in four installments with the first payment due not later than September 1, 1972, and successive payments made on September 1 of each year thereafter until fully paid.

It was recommended further that the President and/or the Treasurer be authorized to execute the agreement to purchase the property as described above and the Promissary Note setting forth the terms of the installment purchase.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

B. Easement - Mansfield Campus - Underground Telephone Facilities - United Telephone Company of Ohio

The Board of Trustees at the meeting on April 7, 1972 granted an easement to the City of Mansfield for the widening and improvement of the Lexington-Springmill Road on lands adjacent to the Mansfield Campus.
B. Easement - Mansfield Campus - Underground Telephone Facilities -
United Telephone Company of Ohio (continued)

The widening and improvement will require the relocation of telephone facilities. The United Telephone Company of Ohio proposes to relocate and reinstall its lines underground.

President Fawcett recommended that an easement be granted to the United Telephone Company of Ohio giving permission to install an underground telephone facility adjacent to the Lexington-Springmill Road and that the President and/or the Treasurer be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the underground telephone facilities.

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

C. Purchase of Buildings and Property - South Campus

President Fawcett recommended that the President and/or the Treasurer be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

- Part of Lot No. 1, John A. Evans College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 91-93 West 11th Avenue from Lillian K. Ink, at a purchase price of $31,000.

- Lot No. 14, University Heights Addition, Columbus, Franklin County, Ohio, and more commonly known as 224 West 10th Avenue from Philip E. Carlin, at a purchase price of $19,000.

The parcels will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 for the purchase of the 91-93 West 11th Avenue property and Budget Account 921700 for the 224 West 10th Avenue property.

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

D. Sale of Property - 463 King Avenue, Columbus, Ohio

Pursuant to the action taken by the Board of Trustees on April 7, 1972, relative to the sale of the 463 King Avenue property, proceeds from the sale to be used by the University to support cancer research in the College of Veterinary Medicine, President Fawcett recommended that the property be sold to the Battelle Memorial Institute at the appraised value submitted by MAI Appraisers.
July 7, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

D. Sale of Property - 463 King Avenue, Columbus, Ohio (continued)

The proceeds of this sale are to be placed in the permanent endowment fund, in memory of Norman W. Woelfel, and the annual income used for Cancer Research in the College of Veterinary Medicine.

It was recommended that the President and/or Treasurer be authorized to execute the necessary documents to consummate the sale of the property as described above.

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

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Paul Clifford Kitchen, Professor Emeritus in the College of Dentistry, and Ervin H. Pollack, Professor and Director of Research Services in the College of Law. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Paul Clifford Kitchen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 16, 1972, of Paul Clifford Kitchen, Professor Emeritus in the College of Dentistry.

Dr. Kitchen was born in Toledo, Ohio. He received the degree of B.S. in Forestry from The Ohio State University in 1915. For two years he was an instructor in botany at Michigan State College where he earned the M.S. in 1917. As assistant, as ranger, and as examiner he was a member of the U.S. Forest Service until he entered dental college; in 1924 he was graduated from The Ohio State University with the degree D.D.S. After one year of private practice at Sycamore, Ohio, he returned to Ohio State as an instructor in oral histology and clinical dentistry.

In 1939 he became Professor of Dentistry and Secretary of the College of Dentistry. Dr. Kitchen's fields of interest and teaching were dental histology and embryology, dental anatomy and dental research. He was a member of Sigma Xi, Omicron Kappa Upsilon, and the Faculty Club. He also served on numerous University committees. His many achievements and appointments included the D.Sc. (hon.) in 1941 from Washington University, St. Louis; Secretary, Subsection on Dentistry, American Association for the Advancement of Science 1939-42; President, International Association for Dental Research 1938; Secretary, Committee on Research, American College of Dentists 1941-46; and, Vice President in 1948; Chairman, Dental Study Section 1946-49; and member of the Advisory Council, National Institute of Dental Research of the
July 7, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Paul Clifford Kitchin (continued)

U. S. Public Health Service 1949-52. In the American Dental Association he served as Chairman, Research Section 1935 representative, Division of Medical Sciences, National Research Council 1949-54, and member of the Council on Therapeutics 1952 to date. In 1953 he was the recipient of the Callahan Award of The Ohio State Dental Association. He was a consistent contributor to dental periodical journalism particularly in the field of research.

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

B. Ervin H. Pollack

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 9, 1972, of Ervin H. Pollack, Professor and Director of Research Services in the College of Law.

Dr. Pollack was born in St. Louis, Missouri, on April 19, 1913. After undergraduate work at St. Louis University, he received his Juris Doctor degree from Washington University in 1939 and was admitted to the Missouri Bar in the same year. He served as Assistant to the Librarian, Columbia University, from 1939 to 1941, and was Librarian for the New York City law firm of Hays, Podell & Shulman in 1942. From 1942 to 1947 he was Secretary, Office of Price Administration, Washington, D. C.

In 1947 Dr. Pollack came to The Ohio State University as Assistant Professor and Librarian. He became Associate Professor in 1950 and Professor and Director of Research Services in 1959. Under his dedicated leadership, the library of the College of Law grew from 69,000 to 305,000 volumes. It now ranks as the sixth largest academic law library in the United States. He developed systems of classification and staff organization which make the library one of the most functional in the world.

Dr. Pollack earned an international reputation as a legal scholar. He founded the Ohio Association of Law Libraries and served as its first President in 1949-50. He was President of the American Association of Law Libraries in 1958-59. His Fundamentals of Legal Research is widely used as a text and reference work. His many other publications include Ohio Court Rules Annotated, Ohio Unreported Judicial Decisions, Brandeis Reader, and Human Rights. At his death he was consultant to the Agency for International Development on a project for publication of Central American Economic Integration Law.
July 7, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Ervin H. Pollack (continued)

Dr. Pollack was a member of the Order of the Coif, Torch Club, the Ohio State Bar Association, the American Bar Association, and the International Association for Philosophy of Law and Legal Philosophy. He was a trustee of the Ohio Legal Center Institute and a Fellow of the Ohio State Bar Association Foundation.

The Ohio State University was the beneficiary of Dr. Pollack’s talents in many ways. At his death he was Chairman of the University Rules Committee. He served as Chairman of the Advisory Board for Religious Affairs, as a member of the University Centennial Committee and as Chairman of the College of Law Centennial Committee. He received the University Centennial Service Award.

Dr. Pollack taught in the area of jurisprudence, legal process, legal research and writing, and trade regulation. He relentlessly pursued excellence in all that he undertook and was a man of the highest professional standards and integrity. His many achievements as scholar, teacher, and administrator warrant a special place for Dr. Pollack in the history of legal education.

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

XI. REPORTS

A. Report on Actions Taken by Ohio Board of Regents

President Fawcett reported that the Ohio Board of Regents at its meeting on May 19, 1972, approved the

Awarding of the Bachelor of Science in Natural Resources degree by The Ohio State University;

and at the meeting on June 19, 1972, approved the

Increase in fees for The Ohio State University

| Instructional Fee, Undergraduate, Central | $210 |
| Instructional Fee, Undergraduate, Branches | 200 |
| Instructional Fee, Graduate and Graduate Professional | 270 |
| Tuition Surcharge | 350 |

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing report by unanimous voice vote.
XI. REPORTS (continued)

B. Benefit Improvements in Health Insurance for University Employees

Mr. Gushman presented the following recommendation on behalf of the Retirement and Insurance Committee:

The Retirement and Insurance Committee of the Board of Trustees recommended that the following improvements in the University employee benefit program be adopted.

That the John Hancock Mutual Life Insurance contract covering eligible University employees be amended to include the following changes effective 12:01 a.m., August 1, 1972.

1. Include an improved surgical coverage increased from $300 schedule to a $450 schedule. Obstetrical coverage under the $450 surgical schedule is increased from $50 to $100 for normal delivery with corresponding increases for Caesarean and miscarriage. Maternity benefits immediately available on effective date for existing pregnancies.

2. Full usual, customary and reasonable emergency outpatient coverage for acute medical sickness and emergency first aid benefit for accidents, rendered in a hospital or elsewhere within 24 hours after the accident or upon onset of the sickness.

3. Extend basic surgical and major medical coverage to the surviving spouse (and other eligible dependents) of an insured employee whose death occurs while actively employed at the University.

That the University's Blue Cross contract be amended for eligible University employees to include the following changes to be made effective 12:01 a.m., August 1, 1972.

1. Extended coverage for unmarried dependent children from age 19 to age 23.

2. Improved maternity coverage under Blue Cross to full coverage of hospital expenses for both mother and child (or children). Maternity benefits immediately available on effective date for existing pregnancies.

3. Full usual, customary and reasonable emergency outpatient coverage for acute medical sickness and emergency first aid benefit for accidents, rendered in a hospital or elsewhere within 24 hours after the accident or upon onset of the sickness.
XI. REPORTS (continued)

B. Benefit Improvements in Health Insurance for University Employees (continued)

Detailed statements on the foregoing amendments including funding requirements are on file with the official records of the Board of Trustees.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the foregoing recommendation was approved by unanimous roll call vote.

C. Interim Housing for the President

Mr. Shocknessy recommended that:

the Secretary of the Board be authorized, on behalf of the Board of Trustees, to enter into an agreement for the purpose of providing a temporary residence and necessary furnishings, adequate to support the official responsibilities of the President, as selected by and for the President-Elect and Mrs. Enarson.

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

D. Report of the Board of Trustees Special Committee on Presidential Housing

On June 16, Chairman Eckley appointed a special committee for the purpose of making recommendations to the Board relative to suitable housing for Dr. and Mrs. Enarson. The membership of this committee includes, Robert S. Dorsey, John H. Dunlap, Don M. Hilliker, Howard D. Sirak, and James W. Shocknessy, Chairman. The Chairman requested Edward Q. Moulton to serve as Secretary of the Committee.

Dr. Moulton read the following report:

At the first meeting of the Committee held on June 20, a statement was presented from Dr. Enarson in response to an inquiry from Mr. Shocknessy in which Dr. Enarson stated his desire to live off-campus. The Committee indicated that it would support Dr. Enarson's request and directed the Secretary to proceed to examine with President-Elect and Mrs. Enarson the availability of suitable off-campus housing for the purpose of making a recommendation to the Committee as soon as possible.

The second meeting of the Committee was held on June 28. President-Elect Enarson who was in attendance at this meeting informed the Committee that he and Mrs. Enarson had spent several days in this community reviewing a number of houses that might be acquired by the Board for the President's house. Dr. Enarson concluded that, while he and Mrs. Enarson would be willing to live in whatever housing accommodations the
XI. REPORTS (continued)

D. Report of the Board of Trustees Special Committee on Presidential Housing
(continued)

Dr. Moulton's report (continued)

Trustees deemed appropriate as a residence for the President,
Mrs. Enarson and he were unable in the limited time avail-
able to recommend a house which in their judgment would be
suitable as a President's house. The various houses were not
judged suitable primarily because of the limited amount of
entertainment space and the excessive amount of bedroom and
other unneeded space.

Because of the obvious need for additional time necessary to
find suitable permanent housing, Dr. Enarson suggested that
an interim arrangement be made for the acquisition of an
apartment since this would appear to be the only satisfactory
answer available at this time. The Chairman of the Committee,
with the unanimous concurrence of the Committee members,
supported Dr. Enarson's recommendation and directed the
Secretary to prepare a resolution to this effect for consideration
by this Board.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees
accepted the report by unanimous roll call vote.

E. Report on the University's Investment Portfolio

The report dated July 7, 1972, as submitted to the Finance and Investment
Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining
to the University’s Investment Portfolio, was received and ordered to be
filed with the official records of the Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT
AND HONORARY DEGREE FOR MRS. FAWCETT

Mr. Shocknessy made the following statement:

The Chairman has shown me the high honor and distinct privilege of
being able to offer two resolutions. It is indeed a high honor and I
wish to thank the Chairman for granting me this opportunity, because,
I have, probably, the longest tenure of anyone on the Board at this
time.

For 18 months or so we have, by every means we could, attempted
to show and have shown our affection and respect for President
Fawcett and his wife. We took occasion to establish a precedent in
naming a building on this campus for him and today at the last meeting
XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

Mr. Shocknessy's statement (continued)

that President Fawcett will attend, as President of The Ohio State University, (unless the Chairman has to call a special meeting), we want to show our affection to him and his wife by adopting the following resolutions which I shall now read with great pride and great affection.

RESOLUTION

WHEREAS... this is President Novice G. Fawcett's final official meeting with the Board of Trustees of The Ohio State University; and

WHEREAS... President Fawcett has been widely recognized and acclaimed by the President of the United States, the Ohio General Assembly, the alumni of this University, the media and his many friends and associates for his over sixteen years of truly distinguished service to this University; and

WHEREAS... during President Fawcett's tenure, The Ohio State University has provided the widest educational opportunity and stimulated dramatic growth, substantially enhanced its quality, increased the national and international scope of its programs, and placed it among the world's preeminent institutions of higher learning; and

WHEREAS... during the period of his presidency, The Ohio State University has graduated more than 100,000 outstanding young men and women who are making significant contributions throughout the nation and the world; and

WHEREAS... on August 31 when President Fawcett retires as President of this University, he will leave to his successor a fiscally sound, well-managed University that is blessed with high-quality faculty; that has high academic standards; that has one of the finest educational facilities in the country with a coordinated plan for continued growth; that has extended its teaching role across the state through four regional campuses and greatly expanded opportunities in continuing education; that has developed an extensive library collection and has received international recognition as a leader in making its library resources readily accessible through the most advanced techniques; and that has been bold in its use of advanced educational tools to enhance the learning process;
XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

THEREFORE, BE IT RESOLVED, . . . that in addition to this Board's earlier expression of gratitude for his distinguished leadership by naming The Novice G. Fawcett Center for Tomorrow in his honor, we now wish to express our deep respect and appreciation for President Fawcett's service to this University by official action designating him President Emeritus, effective September 1, 1972, and, upon the recommendation of the Faculty Advisory Committee to the President and the Board of Trustees, award him the honorary degree, Doctor of Laws, at the next commencement.

RESOLUTION

WHEREAS, . . . Marjorie Keener Fawcett had made invaluable contributions to The Ohio State University; and

WHEREAS, . . . she has been an exemplary first lady, adding greatly to the stature and dignity of the President's office; and

WHEREAS, . . . she has been an outstanding member of the Ohio community and has earned the admiration of countless thousands of students, faculty, alumni and citizens for her unstinting dedication to the University and to the well-being of society;

THEREFORE, BE IT RESOLVED, . . . that the Board of Trustees of The Ohio State University unanimously approve the faculty recommendation that Marjorie Keener Fawcett be awarded an honorary degree, Doctor of Humane Letters, at the next commencement.

The Board of Trustees approved the awarding of the honorary degree and emeritus title to President Fawcett and the honorary degree to Mrs. Fawcett by unanimous acclamation.
President Fawcett responded to the foregoing resolutions:

All this has come without anticipation on my part. I thought that when you acted last month, you had done what you could and should (or shouldn't) have done and that I was finished with trying to say goodbye. There are two things I really can't do: the first one is that I can't say goodbye to you people and the second one is that I have no way to respond to accolades of this kind--(I said to somebody recently, I suppose, primarily, because I haven't had much experience). But, I did just want to say a word to you as you leave here today.

This morning it suddenly occurred to me that there was a fact or a figure or two I would like to get, and Faye Smith very graciously found one of those. I guessed at the other one. I think probably today marks something like the 168th Board of Trustees meeting that I have attended and in which I have had some official part. Because of this fact, I believe what I really want to do is to admit something to you that I have never admitted to anybody. I have agonized before every one of these meetings. I have worried about you as people, and about you as a Board, and have tried to respond in terms of what, I guess, I always hoped would be in the best interest of the institution. I have tried very hard always to be knowledgeable about any recommendation I made to this Board. Since I assumed responsibility for every recommendation, I tried to brief myself or to be briefed by others to a point that must have exasperated some of my colleagues who probably wished at times that I would have gone home and gone to bed. I pay great tribute to them because of the splendid manner in which they always tried to support my convictions. It was my view that unless I could come here and somehow say to you, 'I believe this,' you couldn't have voted for what you voted for and could not have had faith in my recommendations. So that summarizes one thing.

The other thing is that there have been 26 trustees with whom I have served, and I remember the first day I ever went to a Trustees' meeting. I recall it was Mr. Huffman, Mr. Ketner, Mr. Black, Mr. Dargusich, Mr. Bricker, Mr. Kettering, and Mr. Gorman. I don't know if that is seven or not--there were seven. Since that time, there has been a succession of these people, each of them a very unique person in his own right--strong-minded, difficult to live with at times--but wonderful human beings, always giving unselfishly of their time and their energy and their substance to this institution. That is really something in my book. I can't tell you what that has meant to me, so I just want to pay this tribute to my colleagues on the staff, and to say to you that everyone of you has meant something very special to me.

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July 7, 1972 meeting, Board of Trustees

The Board of Trustees received the following Resolution adopted by the 109th General Assembly of Ohio commending President Novice G. Fawcett on the occasion of his retirement:

OHIO SENATE

A RESOLUTION

BY
MESSRS. SHAW-FRY-McNAMARA-MRS. JONES-MESSRS. PIMBERTON-L. HUGHES-NORRIS-HALE-BAUMANN

In grateful recognition of the many accomplishments of President Novice G. Fawcett of The Ohio State University for his four decades of selfless and faithful service to elementary, secondary, and higher education in Ohio.

WHEREAS, The members of the 109th General Assembly of Ohio take this opportunity to commend President Novice G. Fawcett of The Ohio State University, on the occasion of his retirement; and

WHEREAS, President Fawcett began his long and illustrious career devoted to public service as a teacher, coach, and Superintendent of Schools in Gambier, Ohio, continued by serving as Superintendent of Schools in Defiance, Bowling Green, First Assistant Superintendent in Akron, Superintendent in Columbus, and President of The Ohio State University; and

WHEREAS, Novice G. Fawcett, being a member of Phi Beta Kappa, graduating from Kenyon College Magna Cum Laude, earning the Masters Degree from The Ohio State University, and being awarded honorary doctoral degrees from fourteen colleges and universities, is an educator of the highest calling; and

WHEREAS, During his presidency of The Ohio State University from the period August 1, 1956, until September 1, 1972, more than half of the University's 200,000 degrees have been awarded; four regional campuses have been established extending the University's teaching role to thousands more Ohioans; enrollment has grown from just over 22,000 to more than 50,000; a hundred major construction projects have been executed bringing the University's physical plant replacement value to more than an estimated $700 million; a program of endowed professorships and chairs has been established; development and implementation of a University Master Plan has occurred; library volumes have more than doubled and the world's first on-line computerized library circulation system was placed into operation; a highly functional central administrative organization that is considered a model for institutional decision-making has been established; and

WHEREAS, President Novice G. Fawcett has been of great assistance to the General Assembly in enunciating the needs of The Ohio State University so effectively that it has truly maintained and expanded its position as a national and international university; and

WHEREAS, Novice G. Fawcett, a farm boy from a modest Knox County Ohio background, has never lost his great love for youth and concern for their problems, and has worked tirelessly as a teacher, administrator, leader, civic and business participant and decision-maker; therefore be it

RESOLVED, That we, the members of the 109th General Assembly of Ohio, in adopting this resolution, do hereby commend President Novice G. Fawcett, a devoted and sincere administrator, an outstanding President, and a dedicated servant of The Ohio State University and the people of the State of Ohio; and be it further

RESOLVED, That the Clerk of the Senate transmit duly authenticated copies of the Resolution to President Novice G. Fawcett of The Ohio State University, to the Ohio Board of Regents, and to the Board of Trustees of The Ohio State University.

I, Harry V. Jump, hereby certify that the above is a true and correct copy of Senate Concurrent Resolution No. 57.

Harry V. Jump, Clerk of the Senate
July 7, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 8, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman
APPENDIX I

Revision of Rules for the University Faculty

Repeal Rules 29.01 through 29.25 and
Rules 29.2713 and 29.2717

Add new Rule 28.00

Add new Rules 28.01 through 28.19 to
effect formation of University Senate

Approved by Faculty Council June 7, 1972

Adopted by Board of Trustees July 7, 1972
(See page 4)
Revision of Rules for the University Faculty

The Faculty Council on June 7, 1972, approved the proposal for the establishment of the University Senate. In order to effect this reorganization, the following changes in the Rules for the University Faculty were proposed:

(1) Repeal Rules 29.01 through 29.25 and Rules 29.2713 and 29.2717.

(2) Add new Rule 28.00 to provide for changes in existing rules.

(3) Add new Rules 28.01 through 28.19 to effect the formation of the University Senate.

28.00 UNIVERSITY SENATE

Effective Autumn Quarter 1972 there shall be a University Senate with the powers, composition, and organization as given in the following sections:

Wherever any previously adopted rules for the University Faculty are found to be inconsistent with the provisions of Rule 28.00 through Rule 28.19, the previous rule shall be held to be inapplicable. In all of the By-Laws of the Board of Trustees and the Rules for the University Faculty and until such time as they shall be reprinted, the words, "Faculty Council," are to be replaced with "University Senate," the words "Faculty Advisory Committee to the President and the Board of Trustees," are to be replaced with "Steering Committee of the University Senate," and the words "Rules Committee," are to be replaced with "Committee on Rules and Senate Organization."

28.01. Membership

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

(a) Voting Members: The voting Members of the Senate shall consist of:
   - 24 Administration Members
   - 68 Faculty Members
   - 40 Student Members

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

(b) Non-Voting Members: Senate Members entitled to participate in deliberations but not to vote nor to make motions shall include the University Ombudsman, the Director of Alumni Affairs, and one representative elected by and from the Intra-University Counselors' Organization.

*Throughout this document the word "Senate" shall be taken to mean the University Senate.*
28.03. Term of Office

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

Faculty Members shall serve three-year terms, with one-third being elected each year; they shall be ineligible for one year for re-election. [Members of the present Faculty Council shall serve out their terms as members of the Senate.]

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

The Intra-University Counselors' Organization shall determine the length of term of its representative.

Except that the University College Council shall have the option of deferring the selection of its representative until sometime during the Autumn Quarter, the regular term of office shall begin on the first day of the Autumn Quarter next following the Member's election or appointment.

28.05. Representation and Methods of Selection

(a) The 24 ex officio Members from the Administration shall consist of the University President; the Provost and Vice President for Academic Affairs; the Vice President for Administrative Operations; the 16 Deans of the Colleges; the Dean of the Graduate School; the Director of the Libraries; the Secretary of the University Faculty; and two other members to be designated by the President for each Senate meeting from among the following administrators: the Executive Vice President, the Vice President for Development, the Vice President for Educational Services, the Vice President for Student Affairs, the Vice President for Medical Affairs, the Vice Provost for Arts and Sciences, and the Vice Provost for Minority Affairs.

(b) The 68 Faculty Members of the Senate shall be elected by the University Faculty on Regular Contract.

(1) Elections of the Faculty Members of the Senate shall be administered and supervised by a committee of three persons chosen from and by the Faculty Membership of the Senate. This committee shall be known as the Committee on Faculty Elections. It shall be elected by the Faculty Membership, upon written nomination by Faculty Members of the Senate submitted to the Faculty Membership at least 7 days prior to the election. Each autumn the Faculty Membership shall elect one member to the Committee, who shall serve for three years. Should a member of the committee resign before completing his term of office, the Faculty Membership shall elect a Faculty Member to serve out the unexpired term. [The present members of the Committee on Elections for the Faculty Council shall serve out their term of office as members of the Committee on Faculty Elections.]

All decisions of this committee shall be subject to the approval of the Faculty Membership of the Senate.

(2) Each college and each Regional campus shall constitute an election district; so shall the Library; so shall the combined Departments of Military, Naval, and Air Force Aerospace Studies. Each election district shall elect the number of members specified by the Committee on Faculty Elections. Each election district shall elect at least one Member. No person is eligible to represent one election district while serving as representative of another.
(3) Elections shall be held in the Spring Quarter of each year for terms beginning in the following Autumn Quarter. Each Member shall be elected for three years and shall for one year thereafter be ineligible for election. Service to complete an unexpired term and service as an Alternate do not make one ineligible for immediate re-election.

(4) The Committee on Faculty Elections shall determine which election districts are entitled to more representatives than one in accordance with the following formula:
   a. Determine how many University faculty members within the election district are on Regular contract and are based at least 75 percent on the Columbus or a Regional campus;
   b. Apportion the elected membership so that each election district is represented in that proportion which its membership as described above bear to the total of such members in the University, but each district shall have at least one representative.

(5) Faculty Representatives from the Colleges, from the Library, and from the combined Departments of Military, Naval, and Air Force Aerospace Studies shall be elected in the following manner. The Committee on Faculty Elections shall solicit from the faculty of each election district nominations for representatives to be elected from that district. The Committee on Faculty Elections shall then make up a ballot containing names three times the number of representatives to be elected. It shall place on the ballot the names of those persons most often nominated. However a person’s name shall not be placed on the ballot until he has consented to its being placed there.

The Committee on Faculty Elections shall mail the ballots to University faculty members on Regular contract wherever located. Faculty members shall then mark their ballots and return them to the Committee on Faculty Elections by mail. The Committee shall declare those persons who received the largest number of votes within an election district to be the elected Members from that district. Those who receive the next largest number of votes shall be declared Alternates. There shall be as many Alternates as Members in each election district.

(6) Faculty Representatives from Regional campuses shall be elected in accordance with procedures developed by the faculty of each campus.

(7) In the event of vacancy during the term of an elected Faculty Member, the Faculty Members of the Senate shall elect a successor from the same election district to serve until the next general election, when the vacancy shall be filled by election for the unexpired term.
If a Faculty Member is to be absent for three quarters or more, but wishes to serve the rest of his term following his absence, the Faculty Members of the Senate shall elect a substitute from his election district.

(c) The 40 Student Members shall be apportioned and selected as follows:

(1) 25 Undergraduate Students to be apportioned in the following manner:

1 The President of the Undergraduate Student Government
6 Six Students to be elected directly by their constituencies according to procedures to be determined by the Undergraduate Student Assembly to represent the following constituencies:
   Apartment and Rooming House Districts (2 representatives)
   South Campus Student Association (1 representative)
   West Campus Student Association (1 representative)
   North Campus Student Association (1 representative)
   Town Students (1 representative)
18 Eighteen Student Members to be elected according to procedures to be determined by the Council of Governments, one to represent each of the following constituencies:
10 One to represent each of the following Colleges:
   The Arts, Biological Sciences, Humanities, Math and Physical Sciences, Social and Behavioral Sciences, Administrative Science, Agriculture and Home Economics, Education, Engineering, Pharmacy.
1 Representing University College
1 Representing Black Students
1 Representing Women's Self Government Association
1 Representing Interfraternity Council and the Panhellenic Association
4 Representing the Regional Campuses:
   Lima Campus
   Mansfield Campus
   Marion Campus
   Newark Campus

Wherever reasonable, Members must be elected by direct constituency election.

(2) 5 Five Student Members to be elected according to procedures to be determined by the Inter-Professional Council, one to represent each of the following graduate professional colleges:

Dentistry
Optometry
Law
Veterinary Medicine
Medicine
Revision of Rules for the University Faculty (continued)

(3) Ten Student Members to be elected according to procedures to be determined by the Council of Graduate Students, one to represent each of the following graduate areas:

- Administrative Science
- Agricultural Sciences
- Humanities
- Physical Sciences and Sciences
- The Arts
- Biological Sciences
- Education
- Engineering
- Sciences
- Professional Biological Sciences
- Social and Behavioral Sciences
- Professional Biological Sciences

(4) In the event of a vacancy during the term of an elected Student Member, the Council, Assembly, or other governing body of the constituency which he represents shall elect a replacement to serve until the next general election.

(d) Qualifications for Membership

To be eligible for service as Members or Alternate Members of the University Senate:

- Faculty Members must be on Regular appointment at least three quarters each year.
- Undergraduate, graduate, and professional students must be in good standing and enrolled each quarter (except for Summer Quarter), and shall remain members of the constituencies which they were elected to represent.

28.07. Alternate Members

When a regular Member is unable to attend a meeting of the University Senate, he shall notify the Secretary in advance of the meeting, giving the name of the Alternate who will replace him. The Alternate so designated shall then have the general powers and privileges in the University Senate of the person whom he replaces.

(a) An Administration Member shall designate an Alternate from the Administration.

(b) A Faculty Member shall designate an Alternate from those elected as Alternates in his own election district.

(c) A Student Member shall designate an Alternate from his constituency in one of the following ways:

(1) The President of the Undergraduate Student Government shall name his own Alternate from the Undergraduate Student Body.

(2) If elected from the Student Assembly group, Student Assembly shall declare as Alternates either the runners-up in the Senatorial election or the elected members of Student Assembly.

(3) If elected from the Council of Governments group, the Alternate from each constituency shall be the runner-up in the Senatorial election.

(4) If elected from the Graduate Professional Colleges group, the Alternate from each college shall be the runner-up in the Senatorial election.

(5) If elected from the Graduate Student group, the Alternate from each graduate area shall be the runner-up in the Senatorial election.
28.09. Powers
The University Senate, subject to the authority of the Board of Trustees, shall have the power:
(a) Under delegation by the University Faculty
to establish the educational and academic policies of the University,
to recommend the establishment, abolition, and alteration of educational units and programs of study,
to recommend to the Board of Trustees candidates for Honorary Degrees,
to recommend candidates for degrees and certificates (which power shall be reserved to the Faculty and Administrative Members of the University Senate);
(b) To consider, to make recommendations concerning, and (in pursuance of rules pertaining to the University) to act upon matters relating to the rights, responsibilities, and concerns of students, faculty, administrators, and staff.

28.11. Procedures for Reconsideration
Upon petition by 10% of the Student Body or 10% of the Faculty, the Senate shall reconsider any action which it has taken.

28.13. Relationship to Other Bodies
Subject only to the provisions listed below in this section, the representatives to the Senate of the Administration, of the Faculty, and the Students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the Senate is concerned, these bodies represent separate Memberships. They may initiate proposals and submit them to the University Senate for consideration. The Senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

The members of the Administration shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Administration.

The elected Faculty representatives to the Senate shall form the Faculty Membership. [Initially the Membership shall consist of those members already elected to serve on the Faculty Council.] The Faculty Membership shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Faculty Membership.

The Student representatives to the Senate shall form the Student Membership and shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Student Membership. The Student Membership shall establish an Elections Committee, which shall be responsible for assuring that the selection of Student Members to represent the several constituencies is made in accordance with the provisions of these Rules.

Nothing in the above shall be construed as restricting the right of a principal standing committee or of individual Members speaking for themselves to submit proposals for Senate action to the Program Committee, or directly to the Senate.
28.15. By-Laws of the Senate

The University Senate shall have the power to organize itself and to make such By-Laws for its own proceedings as shall not contravene the sections of the Ohio Revised Code applying to the University, the By-Laws of the Board of Trustees, or the Rules of the University. The Senate's By-Laws may be amended at any time by a majority of Senate Members present and voting thereon. The By-Laws shall also be the subject of review by the Committee on Rules and Senate Organization at the beginning of each new Autumn session of the Senate.

BY-LAWS FOR THE UNIVERSITY SENATE

SECTION 1: Rules of Order

Unless otherwise indicated, all meetings of the University Senate shall be conducted in accordance with Robert's Rules of Order.

SECTION 2: Meetings

The Senate shall meet at least once each month during the Autumn, Winter, and Spring Quarters. Special meetings may be scheduled by the majority vote of Senate Members present and voting. Special meetings shall also be held at the call of the President of the University or at the call of the Steering Committee. If 25 or more Senate Members request in writing a special meeting, it shall be called and held. If specifically requested in the petition, it shall be held within four calendar days after the receipt of the petition by the President or by the Chairman of the Steering Committee.

Written notice of the time and purpose of all meetings shall be given to all Members of the Senate in advance of the meeting.

Meetings of the University Senate shall be open to the public and to the media unless they have been designated closed by the Program Committee and such designation has not been overruled by a majority vote of the Members of the Senate present and voting thereon. A majority of Senate Members present and voting may also designate a meeting or a portion of a meeting closed.

SECTION 3: Agenda

The Senate shall prepare its own agenda, and the Program Committee of the Senate shall serve as the agenda committee. The Senate's agenda shall include all matters referred to the Program Committee by individual Members, members of the Administration, the Faculty membership and the Student membership as well as all matters referred by the various special and standing committees of the Senate, including the Program Committee itself. The agenda may also include items referred to the Senate by any member of the University community.

The agenda shall be mailed to Members at least seven calendar days prior to the Senate meeting, and the Program Committee shall also provide for its publication in the Lantern prior to each regular meeting.

SECTION 4: Order of Business

The order of business shall include:
(1) Call to order
(2) Reading and approval of the minutes
(3) Special Orders
(4) Reports from the Colleges
Revision of Rules for the University Faculty (continued)

(5) Reports of the principal Standing Committees
(6) Reports of special committees, Councils and Boards
(7) Reports of the Administration, the Faculty Membership and the Student Membership
(8) Unfinished Business
(9) New Business
(10) Comments and Announcements
(11) Adjournment

SECTION 5: Floor Privileges

Proposals, measures, and resolutions shall be introduced on the Senate floor by Members of the Senate only. Members of the University community who are not Members of the Senate may be granted the right to speak, but not to vote, on matters before the Senate. When a request is made for this privilege, the Chair shall ask the Senate for objections and, hearing none, shall grant permission to speak. If objections are raised, the privilege shall be extended only by a majority vote of the Members present and voting.

SECTION 6: Quorum and Voting

A simple majority of the membership of the University Senate shall constitute a quorum for the conduct of the Senate's business.

Action by the Senate shall be by a majority of Members present and voting and shall normally be by voice vote, except as otherwise required by these Rules or by Robert's Rules of Order.

When a division of the Senate is taken, the Chair shall include the division when announcing the results.

SECTION 7: Proposals for Senate Action

Any member of the University community may submit proposals for Senate action to the Program Committee. Items referred by committees of the Senate, by the Faculty Membership, by the Administration Membership, and by the Student Membership shall be scheduled for Senate consideration. Proposals originating elsewhere may be referred by the Program Committee to an appropriate committee for further study, and this disposition shall be reported to the full University Senate. Members of the Senate shall have the right to submit proposals directly to the Senate.

SECTION 8: Committee Reports

The majority of the members of any principal standing committee of the Senate may report on any matter before the committee. A majority of the Members of the Senate present and voting may require a standing committee to report at the next regular meeting of the Senate.

SECTION 9: Staff

To the extent possible and provided for in the University's budget, the University shall furnish staff assistance to the University Senate and to its committees in connection with its official business, as may be authorized by the Steering Committee of the University Senate.

SECTION 10: Student Attendance

Student Members shall not be penalized for missing classes and related academic activities while attending meetings of the Senate or its committees. Students will be expected to complete usual course requirements.
SECTION 11: Minutes and Reports of Senate Meetings

Official minutes of Senate meetings shall be taken and kept by the Secretary of the University Faculty. A report on the deliberations and actions taken at each Senate meeting shall be prepared by the Program Committee and published in the Lantern.

28.17. Presiding Officer

The President of the University shall be the presiding officer of the University Senate. In the absence of the President or at his request the Provost and Vice President for Academic Affairs shall preside. In the absence of both the President and the Provost, the Chairman of the Steering Committee shall preside.

28.19. Committees

(a) Organizing Committees: The University Senate shall have the following three organizing committees:
1. Steering Committee
2. Program Committee
3. Committee on Rules and Senate Organization

(b) Additional Committees: In addition to the three organizing committees, the University Senate may establish such standing and select committees as it deems necessary or desirable. The Senate shall determine the method of selection of the members of these committees. Except as may be otherwise prescribed by the Senate in particular cases, the members of these committees shall be elected by the Senate upon written nomination submitted to the Membership by the Steering Committee or by individual Members at least seven days prior to voting on those nominations.

(c) Membership: Members of the Steering Committee, Program Committee, and Committee on Rules and Senate Organization shall be Members of the Senate. All other multiple-member committees of the Senate shall include, but not necessarily be limited to, Members of the Senate.

(d) Committee Chairmen: Except where otherwise specified by the Senate, each committee shall elect its chairman from its membership.

(e) Reports of University Committees: Any University Committee composed, in whole or in part, of students or of members of the University Faculty (Rule 25.01) shall report to the University Senate when so requested by the Senate.

(f) Composition and Jurisdiction of the Organizing Committees: The composition and jurisdiction of the three organizing committees of the Senate shall be as follows:

(1) Steering Committee

The Steering Committee shall consist of 13 members apportioned as follows: 6 Faculty, 1 elected Dean, 2 Administrators, and 4 Students. The Faculty representatives, 3 of whom shall be elected each year, and the elected Dean shall serve two-year terms and be ineligible for immediate re-election. The Student members shall serve one-year terms but be eligible for election to a second term. The representatives from the Administration shall be the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. The elected members of the Steering Committee shall be chosen as follows:
The Faculty Membership shall nominate a slate of at least 3 and no more than 6 faculty representatives. [For the first election only, 12 faculty members shall be nominated. The 3 receiving the largest number of votes shall serve two-year terms, and the 3 receiving the next largest number of votes shall serve one-year terms.]

The representatives of the Administration shall nominate at least 1 and no more than 2 Deans when a new representative is to be elected.

The Student Membership shall nominate at least 4 and no more than 8 student representatives.

A special meeting of Members selected to serve for the following academic year shall be held in June for the purpose of electing the members of the Steering Committee. Written nominations shall be sent to the Membership at least seven days prior to this meeting. The Membership of the new Senate shall elect the committee members from among these nominees and voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the Autumn Quarter there will be two Steering Committees.

The Steering Committee shall select its Chairman from among the 6 faculty members of the Committee, and he shall serve for one year.

The Steering Committee shall have the following duties and responsibilities:

(a) It shall be the Senate’s committee on committees. It shall have the power to call, by a vote of nine of its members, a Special meeting of the Senate, and shall have such powers and duties as the Senate may delegate to it during periods when the Senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.

(b) [The Steering Committee shall replace the Faculty Advisory Committee to the President and the Board of Trustees.] The Steering Committee shall serve as a channel of communication between the University Senate and the President and the Board of Trustees. Its elected members shall be an advisory group available to both the President and the Board of Trustees for advice and counsel on any matter relating to the operation and development of the University. After consultation with the President, the elected members of the Steering Committee may request and obtain a meeting with the Board of Trustees.

(c) The Steering Committee shall, at the beginning of each year, nominate faculty members for election by the Senate to the Faculty Tenure Hearing Committee described in Rule 21.07, Section 1.

(2) Program Committee

The Program Committee shall consist of 9 members apportioned as follows: 4 Faculty, 3 Students, 1 elected Dean, and the Secretary of the University Faculty. The Faculty representatives, 2 of whom shall be elected each year, and the elected Dean shall serve two-year terms and be ineligible for immediate re-election. The student members shall serve one-year terms and be eligible for re-election. Election shall be by the Senate upon written nomination by Members submitted to the Membership at least seven days prior to the election.
The Program Committee shall serve as continuing liaison between the University Senate and the three constituent bodies as well as the University at large. It shall receive proposals for Senate action and set the Senate’s agenda. The agenda shall be mailed to Members at least 7 calendar days prior to the Senate meeting.

All items referred by committees of the Senate, by the Faculty Membership, by the Administration, by the Student Membership, and by individual Senate Members shall be scheduled for Senate consideration. To keep the agenda manageable, however, the Program Committee may assign priority to such items and schedule those it deems less urgent for a subsequent Senate meeting. Proposals not originating within the Senate, its committees, or the constituent bodies may be placed on the agenda; but the Program Committee is also empowered to refer such items to an appropriate committee or body for further study.

With the call for each Senate meeting the Program Committee shall send to Members a brief written report outlining proposals referred for further study.

The Program Committee shall have the responsibility for seeing that committees report as charged by the Senate.

The Program Committee shall seek to identify matters of potential concern to the Senate and shall have the responsibility for working with the principal standing committees and with other bodies in the coordination and planning of the Senate’s continuing agenda.

(3) Committee on Rules and Senate Organization

The Committee on Rules and Senate Organization shall consist of 10 Members apportioned as follows: 6 Faculty, 3 Students, and the Secretary of the University Faculty. The Faculty representatives, 3 of whom shall be elected each year, shall serve two-year terms and be ineligible for immediate re-election. The Student Members shall serve one-year terms, and be eligible for re-election. Election shall be by the Senate, upon written nomination by Members, submitted to the Membership at least seven days prior to the election.

The Committee on Rules and Senate Organization shall have the following functions and responsibilities:

(a) The Committee, in cooperation with the Secretary of the University Faculty, shall be responsible for the formal supervision of the published Rules of the University and of all statutes and by-laws pertaining to the University Senate. It shall keep all published statutes and rules within its purview up to date and shall plan their re-publication at such intervals as may be desirable. It shall supervise the Procedural Rules for the University Senate and make appropriate recommendations for revision as required.

(b) Following Senate action, the Committee shall receive all proposed new rules and changes in existing rules. It shall recommend to the Senate such editorial and other changes as it deems appropriate or necessary to avoid conflict with other rules and University regulations. Its recommendations shall be presented for final action at the next regular meeting of the Senate. If the Committee is unable to report at this time, it shall inform the Program Committee of the reasons so that they may be included in the Program Committee’s report on items pending but not on the agenda.
Revision of Rules for the University Faculty (continued)

(c) The Committee may initiate rules or changes in existing rules and recommend them to the Program Committee for scheduling for Senate action.

(d) The Committee shall review the structure and operation of the University Senate. It shall receive suggestions and initiate recommendations for change, as need and advantage may appear; in addition, it shall submit a formal report at the end of two years containing its conclusions and specific proposals. The Committee shall have continuing responsibility for assessing the structure, operation, and effectiveness of the Senate, without, however, in any way restricting the Senate's authority to alter its operation by other means.
APPENDIX II

Revision of Rule 35.07 of Rules for the University Faculty

Approved by Faculty Council June 7, 1972

Adopted by Board of Trustees July 7, 1972
(See page 4)
The Faculty Council on June 7, 1972, approved the following revision of Rule 35.07 (PA/NP--Pass/Non-Pass) to be effective Autumn Quarter, 1972.

The text of this section of the Rule is as follows:

35.07. Marks.

PA/NP--Pass/Non-Pass

Section 1. This grading pattern may be chosen by undergraduates or Continuing Education students for a maximum of 30 credit hours.

Section 2. Among these 30 hours, an undergraduate student may elect Pass/Non-Pass grading for any or all University required courses in Physical Education and the National Defense Option or its alternatives (12 credit hours of courses not otherwise specified in the degree requirements of the student's selected curriculum).

An undergraduate student who has accumulated a point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.

A student registered in the Division of Continuing Education who has an accumulated point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass for a maximum of 30 hours.

Section 3. Hours graded Pass (PA) count toward the degree. Pass/Non-Pass marks (PA/NP) are not computed in the point-hour average of the student.

Section 4. On or before noon of the sixth Saturday of a quarter, or the third Saturday of a term, a student must have declared his intention to take a course on the Pass/Non-Pass basis by filing the appropriate forms with the Dean of his college or the Dean's authorized representative (students in Physical Education, Military Science, Air Force Aerospace Studies, and Naval Science file the forms in those departmental offices). A student may not change to or from the Pass/Non-Pass Option after noon of the sixth Saturday of a quarter, or the third Saturday of a term.

Section 5. The instructor will submit PA or NP marks to the Registrar for those students selecting the grading pattern.

Section 6. The grade Pass (PA) is the equivalent of the grades ABCD, and the grade Non-Pass (NP) is the equivalent of the grade E.
APPENDIX III

DEGREES CONFERRED AT

THE OHIO STATE UNIVERSITY

COMMENCEMENT CONVOCATION

SEPTEMBER 1, 1972
The Recipients of Honors

MARJORIE KEENER FAWCETT

Doctor of Humane Letters

Able speaker and gracious hostess who has given unqualified support to the educational and cultural endeavors of The Ohio State University.

Effective communicative abilities and enthused participation in the mainstream of campus life have characterized Marjorie Keener Fawcett's association with The Ohio State University. She is affiliated with several organizations including the American Association of University Women, the National Society of Arts and Letters, the Clintonville Women's Club, and the Columbus Development Committee. She has taken a particularly active part in The Ohio State University Women's Club, a group comprised of faculty wives and faculty women. While the organization sponsors several projects, Mrs. Fawcett has directed special interest into one which channels its proceeds into scholarship and emergency loan funds for student use.

Mrs. Fawcett, a native Ohioan, received her early education in Akron and was granted the Bachelor of Arts degree from Akron University. She also attended the Northwestern University School of Speech and received her Master of Arts degree from the University of Michigan. Applying her education to varied fields of speech, radio, and drama, Mrs. Fawcett's experience includes ten years as a teacher of English and speech and the directorship of radio education for the Akron public schools. Her work in educational administration includes programs in instructional training and curriculum preparation.

An adept speaker, Mrs. Fawcett has frequently appeared before numerous clubs and meetings in Ohio, including the local chapter of the American Association of University Women and members of Delta Kappa Gamma.

The Ohio State University is proud to confer the honorary degree, Doctor of Humane Letters, upon Marjorie Keener Fawcett. Her personal warmth and dedicated interest in the edification of the human mind and spirit make her a most deserving recipient of this honor.

NOVICE G. FAWCETT

Doctor of Laws

Noted academic administrator whose vigor and fervent dedication to the advancement of education are of the highest distinction.

A graduate of Kenyon College and The Ohio State University, Novice G. Fawcett has extended his energies and interests in an administrative career dedicated to improved public education. Beginning as a teacher and athletic coach in his native Gambier, Ohio, he was soon promoted to superintendent of the local school system. In 1938 he was appointed superintendent of the Defiance, Ohio public schools where he continued until accepting the superintendent's of the Bexley, Ohio schools in 1945. From Bexley, he served in the directorship of the Akron school system before being selected as executive head of the Columbus public schools. In this post, he spirited a nationally recognized program of physical expansion, curriculum and personnel improvements, and efficient organizational streamlining.

Dr. Fawcett's leadership of the Columbus schools established the administrative standards of growth and excellence he would implement into the presidency of The Ohio State University. During his tenure in office, the University experienced its greatest period of development in many areas. Between 1957 and 1972 enrollment rose from 22,000 students to over 50,000, the faculty was expanded by more than one thousand, and extensive attention was given to the broadened scope and heightened quality of course offerings and degree granting programs. To meet the challenge of the burgeoning University, some 100 new facilities were incorporated into the Columbus campus community and four regional campuses were developed.

Active in many professional organizations including the Association of American Universities, the American Council on Education, the International Association of Universities, and the Newcomen Society, he is also a member of the Columbus Area Chamber of Commerce and the American Institute of Management.

It is with great honor that The Ohio State University confers the honorary degree, Doctor of Laws, upon Novice G. Fawcett for his dedication and commitment to the advancement of the University and for his outstanding contributions to the realm of education.
JACK W. NICKLAUS

Doctor of Athletic Arts

Internationally known sportsman who has contributed to the betterment of society as well as advancing high standards in his career.

Acknowledged as one of the foremost champions in the world of golf, Jack W. Nicklaus has established a formidable record of athletic achievement. Although he has won high regard as an individual competitor, he made impressive showings as a member of the winning American teams at both the 1959 Walker Cup Match held in Great Britain and the World Amateur Team Championship for the Eisenhower Trophy in 1960. He also captured the United States Amateur Championship in 1959 and 1962 and, while still a sophomore at The Ohio State University, he was the leading individual golfer in not only the Big Ten Conference but the National Collegiate Athletic Association as well.

Turning to professional golf in 1962, Mr. Nicklaus began what was to become a distinguished career of sporting performance. He has since won more than 40 Tour titles and 13 major championships including two British Opens, two Professional Golfers Association matches, three United States Opens, and four Masters tournaments. In addition to scoring records in both the United States Open and the Masters tournaments, he has the distinction of being the only golfer to consistently lead or share the lead in every round of both matches.

Active in humanitarian endeavors, Mr. Nicklaus has been a participant in a number of charity golf tournaments and exhibition matches, including the annual Columbus Pro-Am tournament. In 1968, he established the Robert K. Barton Memorial Fund which is a scholarship awarded by The Ohio State University's College of Law and he has served as chairman of the Ohio division of the American Cancer Society and the sports division of the National Easter Seal Society.

The Ohio State University is proud to confer the honorary degree, Doctor of Athletic Arts, upon Jack W. Nicklaus, a man of outstanding athletic prowess and the highest integrity.
Graduate School
Dean: Ariss L. Roaden

Doctor of Musical Arts
One candidate
Stephen Rowley Montague, St. Petersburg, Fla.
B.Mus.Ed., M.Mus. (Florida State University)
Dissertation: Vossous for Large Orchestra and Electronic Tapes
Field of Specialization: Music

Doctor of Philosophy
Two hundred and forty-seven candidates

Clarence Robert Barnett, Columbus
B.A. (Marshall University); M.A.
Dissertation: College Athletics and Physical Education in Ohio During The Depression
Field of Specialization: Physical Education

Pearl Winter Bartlett, Brooklyn, N. Y.
B.S.Ed., M.A.
Dissertation: Birth Order of Siblings and Differences in Orientation Toward Parents
Field of Specialization: Sociology

Frederick Henry Bawel, Columbus
B. of Music (Butler University); M. of Music (College of Music, University of Cincinnati)
Dissertation: A Study of the Developmental Techniques in Selected Haydn Symphonies
Field of Specialization: Music

Sidney Baxter, Berkeley, Calif.
B.A., M.A. (University of Florida)
Dissertation: A Comparison of the Effects of Delayed Sidetone on the Speech of Serbo-Croatian, French, and American English Speakers
Field of Specialization: Speech Communication

Sonny Baxter, Calgary, Alta., Canada
B.Sc. (University of British Columbia); M.S. (University of Alberta)
Dissertation: Conodont Biostratigraphy of the Mississippiian of Western Alberta and Adjacent British Columbia, Canada
Field of Specialization: Geology

Gary Fred Beasley, Vicksburg, Miss.
B.S. (Mississippi State University)
Dissertation: An Assessment of an Instructional Unit for Preparing Users of the Educational Resources Information Center (ERIC) System
Field of Specialization: Agricultural Education

Charles Allen Beatty, III, Columbus
B.S.Ed., M.A.
Dissertation: Reflective Teaching, Alienation and Dogmatism: A Correlational Analysis
Field of Specialization: Education

John Henry Becher, Louisville, Ky.
B.Ch.E., M.S.
Dissertation: Transient High Speed Studies of the Flow and Adsorption of T-Butyl Alcohol and Water on Alumina at Reactive Conditions
Field of Specialization: Chemical Engineering

Donald James Beelick, Columbus
B.A. (Western Michigan University)
Dissertation: Context and Human Actions
Field of Specialization: Philosophy

John Edward Bender, Canal Winchester
B.S.Ed., M.A.
Dissertation: Morale of Elementary School Teachers
Field of Specialization: Education

Clinton Louis Benjamin, Fallon, Nev.
B.S. (Saint Mary's College, California); M.S. (Humboldt State College)
Field of Specialization: Zoology
Thomas Robert Bore, Columbus  
B.S.Ed., M.A.  
Dissertation: The Modern Romantic Critics of Education  
Field of Specialization: Education

Vaidomiro Correa Bittencourt, Piracicaba, Sao Paulo, Brazil  
Eng. Agr. (University of Sao Paulo)  
Dissertation: Complementary Ion Effects on K, Na and Ca Release From Bentonite and Illite Clay as Affected by pH-Dependent Charge Cation Exchange Capacity and Base Saturation  
Field of Specialization: Agronomy

Robert Stephen Bloom, Claymont, Del.  
B.A. (Pennsylvania State University); M.E.D. (University of Pittsburgh)  
Dissertation: A Curriculum Specialist in a Task Analysis Curriculum Development Process in Allied Medical Education  
Field of Specialization: Education

Norman Floyd Bloss, Gouverneur, N.Y.  
B.S., M.S. (Cornell University)  
Dissertation: A Task Analysis of the Relationship Between Enrollement in Agricultural Education and the Vocational Maturity of Secondary School Students  
Field of Specialization: Agricultural Education

James Albert Bontadelli, Columbus  
B.S. (Oregon State College); M.S. (Stanford University)  
Dissertation: Differential Waterfowl Hunting Regulations: A Linear Programming Approach  
Field of Specialization: Industrial Engineering

Walter Scott Bowser, West Jefferson  
B.Sc. (Waynesburg College); B.S.Ed., M.A.  
Dissertation: Lives in Progress: The Development of a Small Group of Individuals Over a Four Year Period of Their Late Adolescence  
Field of Specialization: Education

Eugene Michael Breznock, Fairview Park  
D.V.M., M.S. (University of Georgia)  
Dissertation: Pharmacokinetics of the Cardiac Glycosides, Digoxin and Digitoxin, in the Dog  
Field of Specialization: Veterinary Physiology and Pharmacology

Ronald Briggs, Liverpool, England  
B.A. (University of Southampton); M.A.  
Dissertation: The Cognitive Distance in Urban Space  
Field of Specialization: Geography

B.A. (University of South Florida); M.A. (Louisiana State University)  
Dissertation: Taxonomies of Data Sources Available for Comprehensive Educational Planning  
Field of Specialization: Education

Donald Douglas Brown, Columbus  
B.S. (State University of New York at Cortland); M.A. (New York University); M.S. (State University of New York at Albany)  
Dissertation: Evaluation of a Public Education Program and Development of a Model Program Designed to Reduce Delay Time in Myocardial Infarction  
Field of Specialization: Education

Ray Lee Brown, Columbus  
B.S.Bus.Adm.; M.B.A. (Harvard University)  
Dissertation: Contextual Aspects of Top Management Succession in Large Industrial Organizations  
Field of Specialization: Business Administration

Robert Armin Buerki, Columbus  
B.S., M.S. (University of Wisconsin)  
Dissertation: Historical Development of Continuing Pharmaceutical Education in American Universities  
Field of Specialization: Education

Gerald Anthony Bullano, Columbus  
B.S. (Pennsylvania State University); M.S.  
Dissertation: Effect of Temperature and Molecular Weight on the Rheology of Concentrated Polymer Solutions  
Field of Specialization: Chemical Engineering

Frederick Joseph Bunte, Columbus  
B.S.Ed., M.A.  
Dissertation: An Inquiry Into the Decline in the Number of Blacks Entering the Teaching Profession  
Field of Specialization: Education

Walter Dennis Burnside, Niles  
B.E.E., M.S.  
Dissertation: Analysis of On-Aircraft Antenna Patterns  
Field of Specialization: Electrical Engineering

Jeanne Louise Burson, Columbus  
B.S. (Ball State Teachers College); M.S.  
Dissertation: Effects of a Terminal Context Summary (TCS) in a Multimedia Individualized Instructional Approach to Statistics for Quality Control (QUCOST)  
Field of Specialization: Education

Julia Myrtle Aycoc Butler, Columbus  
B.S. Ed. (Wilberforce University); M.A.  
Dissertation: An Investigation Into Verbal Expressiveness and Reading Group Placement of Culturally Different Second-Grade Children  
Field of Specialization: Education

John Raleigh Bybee, Columbus  
B.S., M.S. (Brigham Young University)  
Dissertation: Prediction in the College of Education Doctoral Program at The Ohio State University  
Field of Specialization: Education

John Thomas Byrd, III, Louisville, Ky.  
B.A. (Bellarmine College); M.E.E. (University of Louisville)  
Dissertation: An Analysis of Continuity of Care in a Community Mental Health Center  
Field of Specialization: Social Work

Karen Byers Calfee, Sheboygan, Wis.  
B.S., M.A. (Indiana State University)  
Dissertation: The Political Blacklist in the Broadcast Industry: The Decade of the 1930’s  
Field of Specialization: Speech Communication

Susan Davies Calvert, Cleveland  
B.S. in Educ. (Bowling Green State University); M.S. (Case Western Reserve University)  
Field of Specialization: Home Economics
Emilie Teresa Cannon, Columbus  
B.A. (University of North Carolina); M.A. (Tulane University)  
Dissertation: Childhood as Theme and Symbol in the Major Fiction of Ana Marie Statute  
Field of Specialization: Romance Languages  

Dennis John Carlo, Columbus  
B.S., M.S.  
Dissertation: Study of Organ Specific Antigens in Normal Human Brain Tissue  
Field of Specialization: Medical Microbiology  

Shu-Ping Chai, Taipei, Taiwan  
B.S. (National Tsing Hua University); M.S.  
Dissertation: A Univariate Two-Sample Nonparametric Test for Dispersion and a Class of Bivariate Two-Sample Nonparametric Tests for Location  
Field of Specialization: Statistics  

Harold Francis Chambers, Jr., Kettering  
A.S.E. (University of Cincinnati); M.S.  
Dissertation: A Study of Boron Particle Ignition  
Field of Specialization: Aeronautical and Astronautical Engineering  

Frederick Marland Chancellor, Jr., Columbus  
B.S.Ed., M.A.  
Dissertation: A Study to Determine the Attitudes of Inner-City Teachers Toward Racial Equality and Child-Centered Educational Practices  
Field of Specialization: Education  

Alfred Lawrence Christy, Dayton  
B.S., M.S. (University of Dayton)  
Dissertation: Translocation Kinetics in Relation to Source-Leaf Photosynthesis and Carbohydrate Concentrations in Sugar Beet  
Field of Specialization: Botany  

Freddie Charles Colston, Dania, Fla.  
B.A. (Morehouse College); M.A. (Atlanta University)  
Dissertation: The Influence of the Black Legislators in the Ohio House of Representatives  
Field of Specialization: Political Science  

Barbara Sue Comb, South Lebanon  
B.A. (Ohio Wesleyan University); M.A.  
Dissertation: The Confidence-Man as a Apocalyptic Vision  
Field of Specialization: English  

Donald Evans Corbin, Bridgewater, Va.  
B.A. (Bridgewater College); M.A. (University of Maryland)  
Dissertation: A Taxonomy of the Teaching of French Literature: Domains of Appreciation and Cognition  
Field of Specialization: Education  

Mary Louis Crawford, Chapel Hill, N. C.  
B.S. (Western Carolina College); M.Ed. (University of North Carolina)  
Dissertation: An Investigation of Blood Lactate Concentrations in Female Athletes Performing Various Intensities of Work  
Field of Specialization: Physical Education  

George Jacoby Crawford, Athens  
B.A., M.Ed. (Ohio University)  
Dissertation: Conflict in the Board Member-Board Member, Board Member-Superintendent Relationship: A Case Study  
Field of Specialization: Education  

Gene Robert Cupp, Canton  
B.S. in Educ., M.Ed. (Bowling Green State University)  
Dissertation: A Model for the Coordinated Provision of Human Development Services  
Field of Specialization: Education  

Charles Clarence Davis, Plymouth, N. H.  
B.Ed. (Plymouth State College); M.A.  
Dissertation: An Analysis of the Duties Performed by the Administrative Head of Health, Physical Education and Recreation in State Supported Colleges and Universities in the United States  
Field of Specialization: Physical Education  

John Howard Davis, Columbus  
B.Ch.E., M.S.  
Dissertation: A Kolmogorov-Type Statistic Based on a Variation of the Bivariate Distribution Function  
Field of Specialization: Statistics  

Kenrick Lloyd Day, Darion, Conn.  
B.A. (Wesleyan University)  
Dissertation: The Thermal Accommodation Coefficient of Graphite for Several Gases of Astrophysical Interest  
Field of Specialization: Astronomy  

Nicholas Anthony DiOlihda, Coatesville, Pa.  
B.S. (West Chester State College); M.Ed. (University of Delaware)  
Dissertation: Effects of Word List Types on Acquisition, Retention, and Transfer in Children's Paired-Associate Learning  
Field of Specialization: Education  

Dorothy Dixon, Winston-Salem, N. C.  
B.S. in Ed. (Winston Salem State College); M.Ed. (University of North Carolina)  
Dissertation: An Assessment of The Ohio State University Urban Teacher Education Project on Teachers in Four Selected Schools  
Field of Specialization: Education  

Ethel Mae Haida Docherty, Macomb, Ill.  
B.S. (Wayne State University); M.S. (Pennsylvania State University)  
Dissertation: The Effects of Reducing and Masking the Auditory Cues Accompanying Performance of Select Gross Motor Tasks on the Performance of Those Tasks  
Field of Specialization: Physical Education  

Dana Wrenesch Donaldson, Lancaster  
B.S., M.S.  
Dissertation: Autosomal Modification of the Expression of the Cubitus Interruptus Mutant in Drosophila melanogaster with Special Reference to Phenotypic Instability Characterizing Certain Chromosome Combinations  
Field of Specialization: Genetics  

Philip Herbert Dubé, Toronto, Ont., Canada  
B.A. (Huron); M.A. (University of Toronto)  
Dissertation: The Individual in Chateaubriand's Universe as Seen in "Les Adventures du Dernier Abencérage"  
Field of Specialization: Romance Languages
Patricia Carolyn Dunn, Raleigh, N.C.
B.S. (East Carolina College); M.S. (University of Tennessee); M.Ed. (University of North Carolina)
Dissertation: An Exploration of the Status and Future Directions of Graduate Programs in Health Education in the United States
Field of Specialization: Physical Education

Ina Warner Ehrhart, Columbus
B.S.
Dissertation: The Effect of Hypocapnia on Coronary Vascular Resistance in the Dog
Field of Specialization: Physiology

John William Ellison, Union City
B.A. (Morehead State College); M.Ed. (Xavier University)
Dissertation: The Identification and Examination of Principles Which Validate or Refute the Concept of College or University Learning Resources Centers
Field of Specialization: Education

Eugene Conrad Eiser, Rochester, N.Y.
B.A. (Roberts Wesleyan College); M.A.
Dissertation: Charismatic Communication: A Critical Analysis of the Rhetorical Behaviors of George Fox, Founder of the Society of Friends
Field of Specialization: Speech Communication

John Thomas Fellerath, Bay Shore, N.Y.
B.A. (LeMoyne College); M.A.
Dissertation: Temporal Perspective and Personal Control
Field of Specialization: Psychology

David Floyd Fike, Newark
B.A. (Manchester College); M.S.W. (University of Michigan)
Dissertation: Mass Media and Social Work Practice: An Experimental Research Design to Test Attitude-Changing Effectiveness of a Planned Parenthood Advertising Campaign
Field of Specialization: Social Work

Lewis Edgar Fikes, Dayton
A.B. (Earlham College); M.A.T. (Johns Hopkins University); M.S.
Dissertation: A Study of Steric, Electronic, and Acid-Concentration Effects in Schmidt Reactions of Aryl Alkyl Ketones, Dialkyl Ketones and Cyclopropyl Ketones
Field of Specialization: Chemistry

Carol Jean Fisher, Columbus
B.A.; M.Ed. (Bowling Green State University)
Dissertation: The Influence of Children's Literature and Oral Discussion in Developing Oral Language of Kindergarten, First, and Second Grade Children
Field of Specialization: Education

Kenneth Michael Foos, Columbus
B.S.Ed., M.S.
Dissertation: Effect of Temperature, Photoperiod and Light Intensity on Sporulation of Campylosporum annatum Harkn
Field of Specialization: Botany

Thomas Robert Forrest, Canfield
B.S. (University of Wisconsin); M.A.
Dissertation: Structural Differentiation in Emergent Groups
Field of Specialization: Sociology

Dean Ebel Fritzler, Topeka, Kan.
B.A., M.A. (Kansas State University)
Dissertation: Cross-Cultural Understanding by Angles in Navajo-Anglo Interactions
Field of Specialization: Psychology

Lawrence Edward Gaichas, Chicago, Ill.
H.A.B. (Xavier University); M.A.
Dissertation: Concepts of Libertas in Sallust
Field of Specialization: Classics

Robert Noel Gandee, Barberton
B.S. Ed., M.S. Ed. (University of Akron)
Dissertation: Effect of Interval Training on Systolic Time Intervals
Field of Specialization: Physical Education

Alice Walsh Garry, Worthington
B.A. (State University of Iowa); M.A.
Dissertation: A Study of Significant Incidents in a Teacher Training Early Experiencing Program
Field of Specialization: Education

Gerald Wilbur Gaston, Worthington
B.S. (Miami University); D.D.S.
Dissertation: Dental Student Attitudes Towards Computer Assisted Instruction
Field of Specialization: Education

Clarence John Geiger, Columbus
A.B. (Columbia University); M.S. (University of Wisconsin)
Dissertation: Peace in War: American Social Thought and the First World War
Field of Specialization: History

Corwin Augustin Georges, Jr., Clarksville
A.B. (Morehead State University); M.A.
Dissertation: Augustin Daly's Shakespearean Productions
Field of Specialization: Theatre

Angelika Renate Gerbes, Lexington, Mass.
A.B. (Connecticut College); M.A. (Mills College)
Dissertation: Gottfried Taubert on Social and Theatrical Dance of the Early Eighteenth Century
Field of Specialization: Theatre

Ronald Johnson Glass, St. Louis, Mo.
A.B., M.A. (University of Missouri)
Dissertation: Leibniz and Perception
Field of Specialization: Philosophy

Paul Milton Godwin, Hot Springs, Ark.
B.A. (Arkansas Polytechnic College); M.A.
Dissertation: A Study of Concepts of Melody, with Particular Reference to Some Music of the Twentieth Century and Examples from the Compositions of Schonberg, Webern, and Berg
Field of Specialization: Music

Peter Charles Goldman, Columbus
B.S., M.S.
Dissertation: The Vocal Behavior of the Field Sparrow
Field of Specialization: Zoology
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<th>Name</th>
<th>Institution(s)</th>
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<tr>
<td>John B. Ridgely Gorall</td>
<td>Columbus</td>
<td>Reinforcement and Response</td>
<td>The Effects of Career Stage and Situation Difficulty on the Behavior and Satisfaction of Life in Insurance Agency Managers</td>
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<td>John Anthony Grande</td>
<td>Edison, N.J.</td>
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<td>Lynne Ann Gregory</td>
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<td>Jack Carl Grosskopf</td>
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<td>Alexander Gross</td>
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<td>Elizabeth McBride Hair</td>
<td>Port Clinton</td>
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<td>David Reed Harris</td>
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<td>Carl Leonard Harshman</td>
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<td>Judith Walters Harvey</td>
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<td>Robert Earl Henne</td>
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<td>Ronald Willard Hilwig</td>
<td>Tunkhannock, Pa.</td>
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<td>Christine Hirsch</td>
<td>Clarence, N.Y.</td>
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<td>Terrance Lee Hufford</td>
<td>Grove City, Pa.</td>
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<td>Lloyd Michael Hullit</td>
<td>Massillon</td>
<td>Field Dissertations</td>
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John Anthony Grande, Edison, N.J.
B.A. (Delaware Valley College); M.S.
**Dissertation**: A Study of Germination Control in Lettuce Lactea sativa (CV. Grand Rapids)

Field of Specialization: Horticulture

John Anthony Grande, Edison, N.J.
B.S. (Purdue University); M.A.
**Dissertation**: The Effects of Career Stage and Situation Difficulty on the Behavior and Satisfaction of Life in Insurance Agency Managers

Field of Specialization: Psychology

Carl Leonard Harshman, Columbus
B.A.; M.S. (Wright State University)
**Dissertation**: An Analytical Model for Institutional Goal Development: A Survey of Selected Personnel Workers in Ohio Higher Education

Field of Specialization: Education

Judith Walters Harvey, Circleville
A.B. (Ohio University); M.A.
**Dissertation**: The Influence of the Reformation on Nürnberg Marriage Laws, 1520-1535

Field of Specialization: History

Robert Earl Henne, Columbus
B.S.Agr.
**Dissertation**: Rehabilitation and Recycling of Cucumber Processing Salt Brines

Field of Specialization: Horticulture

Richard Paul Henzel, Edgewood, Md.
B.S. (Louisiana Valley College); M.S. (Bucknell University)
**Dissertation**: I. Silver (I) Catalyzed Isomerization of Bicyclobutanes II. Studies on Medium Ring Enones

Field of Specialization: Chemistry

Thomas Allan Hophner, Columbus
B.S. in B.A. (Kent State University); B.S.Ed., M.A.
**Dissertation**: A Study of Attitudinal Differences between Cooperative Distributive Education Students and General or Academic Students of Similar Backgrounds Toward Retailing as a Career Goal

Field of Specialization: Education

Ronald Willard Hilwig, Tunkhannock, Pa.
B.V.M. (Washington State University); M.S.
**Dissertation**: Intravenous Methoxyflurane Anesthesia by Diffusion Through Silicone Rubber: Administration and Monitoring in the Canine

Field of Specialization: Veterinary Physiology and Pharmacology

Christine Hirsch, Clarence, N.Y.
Ed.B. (State University of New York at Buffalo); M.A. (Kent State University)
**Dissertation**: Self-Confrontation and the Effect of Focused Videotape Feedback on Expressed Movement Satisfaction

Field of Specialization: Physical Education

Robert Albert Hovis, Youngstown
B.S. (Youngstown University); M.S. (Western Reserve University)
**Dissertation**: On Uniformities for Hyperspaces with Applications to Filters

Field of Specialization: Mathematics

Terrance Lee Hufford, Grove City, Pa.
B.S., M.A. (Bowling Green State University)
**Dissertation**: Analysis of Seasonal and Areal Distribution Patterns of Diatom Taxa of Cedar Bog, Champaign County, Ohio

Field of Specialization: Botany

Lloyd Michael Hullit, Massillon
B.S. in Ed. (Ashland College); M.A.
**Dissertation**: Effects of Evaluation and Multiple Stimulation in the Stimulus-Response Paradigm of Speech Therapy

Field of Specialization: Speech Communication
Mary Jane Hunter, Dallas, Tex.
B.A., M.S. (North Texas State University); M.S.W. (San Diego State College)
Dissertation: Theological Politics: An Analysis of Ends Advocated by Church Groups to Congressional Hearings Related to Poverty From 1964 through 1971
Field of Specialization: Social Work

Samuel Gregory Jams, Celina
B.S.
Dissertation: The Effect of Bilateral Adrenalectomy on the Gonadal Steroid Profile of the American Opposum
Field of Specialization: Physiology

Stephen Ernest Jacobson, Roland, Ia.
B.S. (Iowa State University); M.S.
Dissertation: Kinetic Studies of the Sulfer Dioxide Insertion into Transition Metal-Carbon Sigma Bonds
Field of Specialization: Chemistry

Felix James, Columbus, Ga.
B.S. (Fort Valley State College); M.A. (Howard University)
Dissertation: The American Addition: The History of a Black Community
Field of Specialization: History

Judith Lee Jensen, Hammond, Ind.
A.B. (Earlham College); M.S. (Ohio University)
Dissertation: The Development of Standards for Women's Athletics and Their Influence on Basketball Competition in the State of New York
Field of Specialization: Physical Education

Dorothy Rensch Johnson, Huntington, W. Va.
A.B. (Wheaton College); A.M. (University of Pennsylvania); M.A. (Northwestern University)
Dissertation: Television in Appalachia: A Comparison of Appalachian and Non-Appalachian Perception of Various Concepts and the Influence of Television Viewing upon Such Perceptions
Field of Specialization: Speech Communication

Martin Wesley Johnson, Columbus
B.S. (Mayville State College); M.E. (University of Arizona)
Dissertation: Construction of a Trunk Flexion Strength-Endurance Test for College Men
Field of Specialization: Physical Education

David Arnold Johnston, Columbus
A.B. (Boston University)
Dissertation: Politics and Policy in Ohio: A Study of Equal Rights, Pollution Control, and Unemployment Compensation Legislation
Field of Specialization: Political Science

Dina Bandhu Kaik, Jhunpur, India
B.V. Sc. (Punjab University); M.Sc. (Punjab Agricultural University)
Dissertation: Some Effects of Vitamin A on the Characteristics of Oviduct Fluids of the Ewe
Field of Specialization: Animal Science

John Patrick Keating, San Francisco, Calif.
A.B., M.A. (Gonzaga University); M.Sacred Theo. (University of Santa Clara); M.A.
Dissertation: Persuasive Impact, Attitudes, and Image: The Effect of Communication Medium and Audience Size on Attitudes Toward a Source and Toward His Advocated Position
Field of Specialization: Psychology

Francis Lawrence Kelly, Duarte, Calif.
B.A. (DePaul University); M.T. (University of Illinois)
Dissertation: The Institute for Education by Radio Television-A History
Field of Specialization: Speech Communication

Peter Dick Keyser, Hinsdale, Ill.
B.S., M.S.
Dissertation: Some Energetic Aspects of Growth and Sporulation of Bacillus megaterium
Field of Specialization: Microbiology

Richard Charles Kimes, St. Louis, Mo.
B.S. (Texas Technological College); M.A. (University of Kansas)
Dissertation: Lysoosomal Enzyme Involvement in Adenovirus Induced Cytopathologies
Field of Specialization: Microbiology

Alan Lee King, Newcomerstown
B.S.Bus.Adm., M.A.
Dissertation: An Exploratory Analysis of the Relationship between Organization Types Based on Degree of Conglomeration and Selected Market Performance Criteria in the Property and Liability Insurance Industry in the State of Ohio in 1970
Field of Specialization: Business Administration

Carl Darlington King, Newport, Tenn.
A.B.,B.S.M. (Johnson Bible College); B.S.Ed., M.S.
University of Tennessee)
Dissertation: The Conservation of Melodic Pitch Patterns by Elementary School Children as Determined by Ancient Chinese Music
Field of Specialization: Music

Jimmy Glen Koeringer, Columbus
B.A.Ed. (Central State College); M.S. (Oklahoma State University)
Dissertation: A Study to Develop and Evaluate the Effectiveness of a Simulation Package for Preservice Teacher Preparation of Cooperative Vocational Education Teacher-Coordinators
Field of Specialization: Education

Ronald Harry Kohl, Cincinnati
B.Eng. Phys. (Cornell University)
Dissertation: Polarization Effects in Photon Echoes and in an Anisotropic Laser Cavity
Field of Specialization: Physics

Thirunelli Subramanian Lakshmanan, Madras, India
B.Sc. (University of Kerala); B.E. (Indian Institute of Science); M.Sc. (Banaras Hindu University); M.S. (Cornell University)
Dissertation: Electrottransport in Dilute Liquid Copper Alloys
Field of Specialization: Metallurgical Engineering
Edward James Largent, Jr., Columbus
B.S., B.Mus; M.M. (University of Illinois)
Dissertation: An Investigation into the Perceptibility of Twelve-Tone Rows
Field of Specialization: Music

Jae Chang Lee, Seoul, Korea
B.Bus.Adm., M.S.
Dissertation: Bivariate Sign Test with Binomial Null Distribution
Field of Specialization: Statistics

Mariene Warrin-Lehtinen, Ashtabula
B.A., M.A.
Dissertation: Heterosexual Behavior and Attitudes of University Students in Relation to Living Arrangements
Field of Specialization: Sociology

Jerro Lewis Lender, Jr., Dayton
B.S., M.A.
Dissertation: An Examination of the Associative Basis for Cross-Modal Transfer
Field of Specialization: Psychology

Frank Klein Lester, Jr., Doctor's Inlet, Fla.
B.S., M.S. (Florida State University)
Dissertation: Developmental Aspects of Human Problem Solving in a Simple Mathematical System via Computer Assisted Instruction
Field of Specialization: Education

Leslie Lawrence Lewchuk, Edmonton, Alta., Canada
B.Ed. (University of Calgary); M.Ed. (University of Alberta)
Dissertation: The Relative Effectiveness of Two Ways of Ordering and Presenting Instructional Content
Field of Specialization: Education

Wei Chun Liang, Willoughby
B.A. (Kalamazoo College); M.S. (Western Reserve University)
Dissertation: Studies on Vinyl Cations and Unsaturated Carbons
Field of Specialization: Chemistry

Alvin Herbert Lipsetts, Columbus
B.A., M.Ed. (Saint Lawrence University)
Dissertation: Delphi as an Intervention Technique in Developing a Plan of Change for the Student Affairs Office at The Ohio State University
Field of Specialization: Education

James Fenton Lloyd, Columbus
B.Mus.Ed. (Florida State University); M.A. (University of Alabama)
Dissertation: An Analysis of the Communication Behavior Patterns of Selected Public Relations Practitioners in the South
Field of Specialization: Speech Communication

James Edward Lorion, Bay Village
B.A. (Michigan State University); A.M. (University of Michigan)
Dissertation: The Role of Faculty in Governance: A Study of Opinion of Selected Departmental Faculties and Administrators at The Ohio State University
Field of Specialization: Education

Marion Hannah Love, Orlando, Fla.
B.A., M.A.T. (Rollins College)
Dissertation: Experimental Theatre in Buenos Aires, Argentina: A Brief History of the Center of Audiovisual Expressive Arts, The Torcuato Di Tella Institute
Field of Specialization: Theatre

Gerald Eugene Lowther, Lancaster
B.S. in Opt., O.D., M.S.
Dissertation: Recovery of Glycogen Level, Lactic Acid Dehydrogenase Reactivity and Normal Thickness of the Corneal Epithelium Following Anoxia
Field of Specialization: Physiological Optics

William Charles Lubawy, South Bend, Ind.
B.S. (Butler University); M.S.
Dissertation: Somatotrophic Hormone and Hepatic Drug Metabolism
Field of Specialization: Pharmacy

Alberta Wittenburg Luther, Portsmouth
B.S. in Ed. (Miami University); M.A.
Dissertation: An Evaluation of Supervisory Tasks in Vocational Business and Office Education
Field of Specialization: Education

Eleanor Whiteside Lynch, Kettering
B.S.Ed., M.A.
Dissertation: An Investigation of the Effects of Participation as a Teacher's Aide on the Ward Behaviors of Institution Attendants
Field of Specialization: Education

Patricia Anne Lyons, Astoria, N.Y.
B.A. (Queens College); M.A.
Dissertation: The Effect of Children's Literature and Oral Discussion on the Reading Achievement of First and Second Grade Children
Field of Specialization: Education

Michael Scott Mabee, Cleveland
B.S., M.S.
Dissertation: Tissue Distribution of Aflatoxin B1-14 in Layer and Broiler Chickens
Field of Specialization: Poultry Science

Hulon Matthews Madeley, Carrollton, Ga.
B.S. (G.E.) (Agricultural and Mechanical College of Texas); M.Geo. Engr. (University of Oklahoma)
Dissertation: Petrology of the Tuscaloosa Formation in West-Central Georgia
Field of Specialization: Geology

Dorothy Markiewicz, Shaker Heights
B.A., M.A.
Dissertation: The Effects of Humor on Persuasion
Field of Specialization: Psychology

Franklin Curtis Mason, Oxford
B.S. (Middle Tennessee State College); M.A. (Vanderbilt University); M.S. (Miami University)
Dissertation: The Kapitza Effect in He I and He II
Field of Specialization: Physics

Susan Carol Mattingly, Baltimore, Md.
B.A. (Towson State College); M.A.
Dissertation: Psychological Characteristics of Selected English Consonants
Field of Specialization: Speech Communication

* Degree granted in cooperation with Miami University
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<td>Jeremy Lawrence Mattson, Evanston, Ill.</td>
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<td>The Conflict of Civilization and the Wildness: A Study of a Theme in American Literature and Painting of the Early Nineteenth Century</td>
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<td>Barbara Patricia McCool, Columbus</td>
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<td>Education</td>
<td>A Study of the Instruction and Evaluation Activities of the Hospital Administration Residency in Relation to Selected Characteristics of the Experience</td>
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<td>William Cecil McDonald, Blacksburg, Va.</td>
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<td>Plays of Arnold Wesker and John Arden</td>
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<td>Parent Group Instruction in Behavioral Applications with the Parent as Primary Change Agent</td>
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<td>David Arthur Miller, Columbus</td>
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<td>Psychology</td>
<td>Factors Associated with Innovative Adoption of Selected Farmers in Southern Brazil</td>
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<td>Helen Nagtalon Miller, Honolulu, Hawaii</td>
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<td>Physiology</td>
<td>The Concept of &quot;Culture&quot; in the Curriculum of Second Language Teaching</td>
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<td>Jane Nelson Miller, East Cleveland</td>
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<td>Edward Allen Molnar, Lorain</td>
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<td>Mathematics</td>
<td>Relation between Wedge Cancellation and Localization for Complexes with Two Cells</td>
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<td>Albert Harrison Moore, Xenia</td>
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<td>Harry Kent Moore, Harrisonburg, Va.</td>
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<td>Jeffrey Louis Moss, Fort Benning, Ga.</td>
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<td>Michael Derrington Murphy, Angola, Ind.</td>
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<td>Education</td>
<td>The Development and Assessment of an Experimental Teacher Training Program for Beginning Graduate Assistants in Chemistry</td>
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John Ralph Murray, III. Kalamazoo, Mich.
B.S. (Elimira College); M.B.A. (Western Michigan University)
Dissertation: The Performance and Attitudinal Consequences of Unplanned Frustration due to Programmed Loops in a Computer Assisted Course in Introductory Psychology
Field of Specialization: Psychology

Donald Richard Neff, Alpha B.S.Ed.
Dissertation: Vocational Education in State and Federal Adult Correctional Institutions in the United States
Field of Specialization: Education

Leonard Jackson Newell, Jr., Columbus B.A.; M.A. (Duke University)
Dissertation: Role Orientation and Job Satisfaction among Professors of Educational Administration
Field of Specialization: Education

Henry Charles Nixt, Waterloo, la.
B.S. (Loras College); M.S.
Dissertation: The Relative Effects of Frequent Use of Advance Organizers and Structured Reviews as Alternative Uses of Recitation Time in College Mathematics for Non-Physical Science Students
Field of Specialization: Education

Grace T. U. Noda, Honolulu, Hawaii Ed.B. (University of Hawaii); M.A.
Dissertation: Collective Negotiations for Curriculum and Instructional Change
Field of Specialization: Education

Carl George Nothhaft, Columbus B.A. in F.P.A., M.A. (Kent State University)
Field of Specialization: Speech Communication

Stavros George Nychas, Attica, Greece Diploma (National Technical University of Athens)
Dissertation: A Visual Study of Turbulent Shear Flow
Field of Specialization: Chemical Engineering

Susan Beth Raynor Olson, Huntington, W.Va.
B.A. (Rollins College); M.F.A. (University of Georgia)
Dissertation: The Role of Broadcasting within the British Open University
Field of Specialization: Speech Communication

Laurel Elijah Pease, Granville A.B. (Los Angeles State College); M.S. (San Fernando Valley State College)
Dissertation: An Examination of the Insurance Business and its Role in the Growth and Development of a Non-Industrialized State
Field of Specialization: Business Administration

William T. Peruzzi, Scituate, Mass.
B.S. (Boston University); M.T.S. (College of William and Mary)
Dissertation: A Study of Science Department Head Supervisory Styles and their Affective Correlates
Field of Specialization: Education

Gregory Lee Peters, Oxford B.A. (Miami University); M.A.
Dissertation: Coding Processes in Active and Inactive Memory
Field of Specialization: Psychology

Ralph Ira Porterfield, Worthington B.S. (Capital University)
Dissertation: The Development of Continuous Flow and Stop Flow Differential Redox Potentiometry and Application to Kinetic Analysis at the Carbon Electrode
Field of Specialization: Pharmacy

Harbhajan Singh Prihar, Jullundur, India B.Sc. (Panjab University); M.Sc. (Agra University); M.S.
Dissertation: A New Procedure for the Synthesis of Glycosy-Phosphates
Field of Specialization: Biochemistry

Robert Stephen Prout, New Concord B.A. (Muskingum College); LL.B. (LaSalle Extension University); M.Ed. (Ohio University)
Dissertation: Developing A Curriculum for Law Enforcement Associate Degree Programs
Field of Specialization: Education

Paul Alexis Rab, Dayton B.S., M.S.
Dissertation: Nest-Cleaning Behavior in Two Genetic Stocks of Honey Bees (Apis mellifera L.)
Field of Specialization: Zoology

Neal Clifford Raber, Cleveland B.Sc. in Edu. (Kent State University); M.S.
Dissertation: On Ostrom's Finite Hyperbolic Planes
Field of Specialization: Mathematics

James Richard Raia, Parma B.S., M.A.
Dissertation: Encoded and Decoded Semantic Differentiated Meaning of Counseling Attire, Seating and Office: Proxemic Variables
Field of Specialization: Psychology

John Robert Ray, Fairborn A.B., A.M. (Indiana University)
Dissertation: Attitudes Toward Surface Mining for Coal and Reclamation in Ohio: A Spatial Analysis
Field of Specialization: Geography

Barbara Duffey Redick, Columbus B.S. Ed., M.A.
Dissertation: Role Conflict and Role Ambiguity among the Public School Counselors in Franklin County, Ohio
Field of Specialization: Education

* Degree granted in cooperation with Miami University
Charles Robert Reed, Oglesby, Ill.
B.A. (Cedarville College); M.A.
**Dissertation:** Image Alteration in a Mass Movement: A Rhetorical Analysis of the Role of the Log College in the Great Awakening
**Field of Specialization:** Speech Communication

John William Reese, Greenwood, Wis.
B.S. (Wisconsin State College); M.S.
**Dissertation:** Effects of Photoperiod on Swarming Behavior and Mating Activity in *Aedes Triseriatus* (Say)
**Field of Specialization:** Entomology

Marilyn Miller Behm, Columbus
B.S. (Otterbein College)
**Dissertation:** Investigation of the Role of RNA Synthesis in the Rapid Inhibition of Auxin-Promoted Elongation of *Avena* Coleoptiles by Abscisic Acid
**Field of Specialization:** Botany

Thomas George Reigle, Navarre
B.S. in Pharm. (University of Cincinnati)
**Dissertation:** Potential Neurotransmitters and Receptor Mechanisms Involved in the Central Control of Body Temperature in Hamsters
**Field of Specialization:** Pharmacy

Eric Edward Rice, Milwaukee, Wis.
B.S. (University of Wisconsin)
**Dissertation:** A Study of Photochemically Initiated Weak Detonation Waves in Hydrogen-Oxygen-Chlorine Mixtures
**Field of Specialization:** Aeronautical and Astronautical Engineering

Harry Michael Rosenberg, Columbus
B.A. (University of North Carolina); M.A. (Brandeis University)
**Dissertation:** The Influence of Fertility Strategies on the Labor Force Status of American Wives
**Field of Specialization:** Sociology

Jacqueline Kay Powell Rothman, Columbus
B.A. (Southern Illinois University); M.A.
**Dissertation:** A Study of the Role of Ohio School Psychologists
**Field of Specialization:** Education

Sharon Kay Rubly, Kettering
B.A. (Otterbein College); M.A.
**Dissertation:** The Communication of Culture Through Film
**Field of Specialization:** Speech Communication

Roy Lamar Rummel, Chillicothe
B.A. (Valparaiso University); B.D. (Concordia Theological University); M.A.
**Dissertation:** Implicit Moral Values and Interpersonal Behavior as Related to College Aged Students and Elderly People
**Field of Specialization:** Psychology

Kulbir Sahayarwal, Kurukshetra, India
B.Sc. (Ag. and A.H.); M.Sc. (Ag. and A.H.) (Punjab Agricultural University); M.S.
**Dissertation:** Creaming in Evaporated Milk
**Field of Specialization:** Dairy Technology

Irene Segger Sander, Columbus
B.S. in Ed. (Capital University); M.A.
**Dissertation:** A Submaximal Cardiovascular Fitness Test for Fourth, Fifth and Sixth Grade Girls
**Field of Specialization:** Physical Education

David Carroll Sanders, Sheridan, Ind.
B.S. (Butler University); M.S.
**Dissertation:** The Chemistry of Bicyclo (4.2.1) Nona-2,7-Trien-9-One, Bicyclo (4.2.1) Nona-2,4,7-Trien-9-Yl Intermediates and Their Derivatives
**Field of Specialization:** Chemistry

Emerson Sanders, Lansing, Mich.
B.S. (Prairie View Agricultural and Mechanical College of Texas); M.A. (Michigan State University)
**Dissertation:** Volunteer 4-H Leaders Working with Youth with Limited Resources in the Expanded Food and Nutrition Education Program
**Field of Specialization:** Agricultural Education

William Sturtevant Sargent, Jr., Findlay
B.B.A. (Agricultural and Mechanical College of Texas); M.B.A. (Miami University)
**Dissertation:** An Experimental Study of Student Decision-Making Effectiveness in a Computer-Assisted Case Study Learning Environment
**Field of Specialization:** Business Administration

Karl Francis Schaum, Toms River, N. J.
B.S.Ed. (California State College, Pennsylvania); M.Ed. (Indiana University of Pennsylvania)
**Dissertation:** The Effect of Aeration and Growth Periods on Allergenic Extracts Prepared from Two Strains of *Alternaria brassicae* (Schwein) Wiltshire
**Field of Specialization:** Botany

John Ross Schieppi, Columbus
B.S.Ed., M.A.
**Dissertation:** A History of Professional Association Football in England during the Second World War
**Field of Specialization:** Physical Education

John Eric Schneider, Yuba City, Calif.
B.S., M.Ed. (University of Southern California)
**Dissertation:** Development of a Model of Collaborative Instructional Planning and Development
**Field of Specialization:** Education

Gregory Kent Schubert, Bowling Green
B.A., M.A. (Miami University)
**Dissertation:** The Proposed Merger of the American Broadcasting Company and The International Telephone and Telegraph Corporation
**Field of Specialization:** Speech Communication

Leda Scott Scrimsher, Columbus
B.S.(H.E.), M.S. (University of Idaho)
**Dissertation:** Determining the Effectiveness of an Instructional Package for Teacher Education Involving the Affective Dimension
**Field of Specialization:** Home Economics

Donald Lee Sexton, Portsmouth
B.S. (Wilmington College); M.B.A.
**Dissertation:** Improving a Company’s Total Performance Through Time: An Analysis of the Attitudinal and Behavioral Impact of Human Resource Information on Productivity
**Field of Specialization:** Business Administration
Donald David Shandler, Caldwell, N. J.
B.A., M.A. (Montclair State College)

Dissertation: American Shakespeare Festival Theatres: A Sense of Occasion
Field of Specialization: Theatre

Margaret Early Shrewsbury, Gahanna
A.B. (West Virginia University); M.A.

Dissertation: The Effect of Four Variables on Judgments of Severity of Articulatory Defectiveness
Field of Specialization: Speech Communication

Jerry Edward Shuck, Columbus
B.S. (Western Kentucky University); M.A. (San Jose State College)

Dissertation: Governance of Vocational Programs in Big City School Systems
Field of Specialization: Education

John Walter Duncan Sinclair, Edmonton, Alta., Canada
B.Sc. Honors, M.Sc. (University of Alberta)

Dissertation: Spectroscopy of "Zn Via Analog Resonances in Zn(p, p')y"
Field of Specialization: Physics

Ram Dhan Singh, Tehsil Sonepat, India
M.Sc. (Panjab Engineering College)

Dissertation: Mechanical Characterization and Finite Element Analysis of Elastic-Plastic, Work-Hardening Soil
Field of Specialization: Civil Engineering

Morgan Emery Sink, Murray, Ky.
B.S. Agr. (Murray State Teachers College); M.S. (Oklahoma State University)

Dissertation: Invertebrate Drift in an Ohio Stream and its Utilization by Warm-Water Fish
Field of Specialization: Zoology

John Jay Smith, Wooster
B.A. (Goshen College); M.S. (Cornell University)

Dissertation: The Effect of an Instructional Sequence on Self-Evaluation Practices and Attitudes of Pre-service Science Teachers
Field of Specialization: Education

Robert Ernest Smith, Jr., Columbus
B.S.Bus.Adm., B.S.Ed., M.A.

Dissertation: Self Concept in Female Delinquents
Field of Specialization: Education

Thomas Eugene Smith, Tipp City
A.B. (Earlham College); M.A.T. (Miami University)

Dissertation: On-Line Computer Terminal Performance on Science Related Tasks of Concept-Acquisition
Field of Specialization: Education

Patricia Louise Soares, Conneaut
B.S.Ed. (Bowling Green State University); M.Ed. (Women's College, University of North Carolina)

Dissertation: An Investigation of Attitudes Expressed toward the DGWS Philosophy and Standards of Competition for High School Girls
Field of Specialization: Physical Education

Harry Edward Sommer, Chatham, N. Y.
B.S.Ag. (University of Vermont); M.A. (University of Maine)

Dissertation: Influence of 2,4 Dichlorophenoxyacetic Acid on Nitrate Reductase and Protein in Wild Carrot (Daucus Carota L.) Tissue Culture
Field of Specialization: Botany

Festus Ibeawuchi Soribe, Owerri, Nigeria
B.S. Agr. Eng. (California State Polytechnic College); M.S.

Dissertation: Dynamic Simulation of Environment and Plant Growth in an Air-Supported Plastic Greenhouse
Field of Specialization: Agricultural Engineering

Adam Junior Sponaugle, Martinsburg, W. Va.
B.S. Agr., M.S. (West Virginia University)

Dissertation: Attitudes of Guidance Counselors Regarding Vocational Education
Field of Specialization: Agricultural Education

Arthur William Sprague, Jr., Granville
B.A. (Kenyon College); B.S.Ed. (Denison University); M.Ed. (Kent State University)

Dissertation: Attitudinal Changes in Secondary School Students as a Result of Studying an Ethnohistory of the Kiowa Indians
Field of Specialization: Education

Hugh Blair Stamper, Jr., Warren
B.S., M.S.

Dissertation: Characterization of a Bacillus Species and its Pathogenicity for Mice
Field of Specialization: Microbiology

Donal Junior Stanton, Ash Grove, Mo.
B.S.Ed. (Southwest Missouri State College); M.A. (University of Arkansas)

Dissertation: A Rhetorical Evaluation of Thomas Hart Benton's Slavery Speeches, 1844-1858
Field of Specialization: Speech Communication

Betty Jean Stoebs, Louisville, Ky.
B.A. (University of Louisville); M.A.

Dissertation: A Study of Content Development in Selected Secondary Biology Classes
Field of Specialization: Education

James Clair Summers, Morgantown, W. Va.
B.S. Bus. Adm., M.B.A. (West Virginia University)

Dissertation: The Impact of Employer Attitudes and Characteristics on the Outcome of a Government Sponsored On-the-Job Training Program in North-Northeastern West Virginia
Field of Specialization: Business Administration

Thomas Rodney Swearingen, Columbus
A.B. (William Jewell College); M.A. (University of Kansas)

Dissertation: A Study of the Attitudes of Selected Members of the Academic Community Regarding the Student Personnel Program at the Big Ten Universities
Field of Specialization: Education

Gene Anthony Telego, Upper Sandusky
B.A. (Ashland College); M.A.

Dissertation: An Analysis of Selected Aspects of Student Teaching Centers in Secondary Schools
Field of Specialization: Education

William Allen Ternent, Columbus
B.S.Ed., M.A.

Dissertation: College Student Perceptions of College Course Relevance: An Explorative and Descriptive Study
Field of Specialization: Speech Communication
Carolyn Ann Terry, Richardson, Tex.
B.S. (Texas Christian University); M.Ed. (University of Houston)
Dissertation: A National Survey of Children's Poetry
Preferences in the Fourth, Fifth, and Sixth Grades
Field of Specialization: Education

Carolyn Elise Thomas, Moscow, Idaho
B.S. (Western Michigan University); M.S. (University of Washington)
Dissertation: The Perfect Moment: An Aesthetic Perspective of the Sport Experience
Field of Specialization: Physical Education

Leon Garfield Thompson, Columbus
B.S. (United States Military Academy); M.S.
Dissertation: Edges as Specifiers of Image Quality
Field of Specialization: Geometric Science

Daryl Andrew Travnicek, Lincoln, Neb.
B.S. in M.E. (University of Nebraska); M.S.
Dissertation: Bayesian Analysis of Markov Chains and Inference in a Stochastic Model
Field of Specialization: Statistics

Jo Ann Louise Tyler, Columbus
B.S. in Phys. Ed. (Mississippi State College for Women); M.A.
Dissertation: The Relationship between Self-Concept and Motor Performance of Second Grade Children
Field of Specialization: Physical Education

John Arthur Van de Walle, Fort Mitchell, Ky.
B.A. (Bellarmine College); M.A. (Saint Louis University)
Dissertation: Attitudes and Perceptions of Elementary Mathematics Possessed by Third and Sixth Grade Teachers as Related to Student Attitude and Achievement in Mathematics
Field of Specialization: Education

William Kent Van Tyle, Monticello, Ind.
B.S. (Butler University); M.S.
Dissertation: Pharmacokinetic Disposition of Noracromephine Derivatives and its Influence on the Elicitation of Stereotypical Gnawing
Field of Specialization: Pharmacy

Everett Garrison Walters, Columbus
A.B., M.A. (Boston University)
Dissertation: Ion C. Bratianu: The Making of a Nationalist Politician, 1821-1866
Field of Specialization: History

Ting-Hwa Wang, Park Forest, Ill.
Diploma (Taiwan Provincial Cheng-Kung University); M.Sc. (University of Missouri)
Dissertation: A Theory for Thick Elastic Plates
Field of Specialization: Engineering Mechanics

David John Hopetoun Watson, Brisbane Australia
B.Com. (University of Queensland); M.A.
Dissertation: The Structure of Project Teams Facing Differentiated Environments: A Study of Public Accounting Firms
Field of Specialization: Accounting

Melvin Richard Webb, Atlanta, Ga.
B.S. (Albany State College); M.A. (Atlanta University)
Dissertation: Teaching Science in Public Elementary Schools of the Plains, Rocky Mountain and Southeast Regions of the United States
Field of Specialization: Education

Carl Frederick Reinhold Weiman, Tampa, Fl.
B.S. (Yale University); M.A. (University of South Florida)
Dissertation: Pattern Recognition by Retina-like Devices
Field of Specialization: Computer and Information Science

B.A., M.S.W. (New York University College, Buffalo)
Dissertation: Identification with the Social Work and Mental Health Profession as Factors Relating to Social Worker Job Satisfaction and Job Performance: An Inquiry into the Value of the Inter-Professional Model
Field of Specialization: Social Work

Robert Murray Weissberg, Cleveland Heights
B.S. Ed.
Dissertation: The Dynamic Effect of Pulmonary CO2 on Tidal Volume in a Unidirectional Ventilated Avian Preparation
Field of Specialization: Physiology

Jack Meredith Weller, Mt. Gilead
B.A., M.A.
Dissertation: Innovations in Anticipation of Crisis: Organizational Preparations for Natural Disasters and Civil Disturbances
Field of Specialization: Sociology

James Newcomb Westwater, Columbus
B.A.
Dissertation: A Wide-Screen Multi-Image Presentation Used as a Multi dimensional Resource for Environmental Education: A Study of Teacher-User Perceptions
Field of Specialization: Education

Henry George Wetzler, Hinsdale, Ill.
A.B. (Cornell University); M.A. (Rutgers State University); M.S.
Dissertation: Predicting Student Achievement and Satisfaction with the Teacher in College Mathematics in Terms of Previous Students' Satisfaction with this same Teacher
Field of Specialization: Education

B.S. (United States Military Academy); M.A.
Dissertation: A Field Test of Stogdill's Mathematical Model of Group Achievement
Field of Specialization: Business Administration

Bruce Jay Whittemore, Waterloo, Ia.
B.A. (State College of Iowa); M.S.
Dissertation: A Generalized Decision Model for the Analysis of Information
Field of Specialization: Computer and Information Science

Harry Dean Wilfong, Jr., Dayton
A.B., A.M. (West Virginia University)
Dissertation: Chronological Leniency and Linear Transformation of the Supervisory Appraisal Scale
Field of Specialization: Psychology
Ned Bruce Wilson, Toronto  
B.S., M.S.  
Dissertation: Juvenile Delinquency and the Societal Response: A Systematic Analysis  
Field of Specialization: Industrial Engineering

Daniel Wayne Workman, Lexington  
B.S.Ed. (Ashland College); M.A.  
Dissertation: The Relationship of Selected Variables in Decision-Making Regarding Choice of a Career in Teaching  
Field of Specialization: Education

Lucille Eva Johnson Wright, Waterloo, la.  
B.S.Bus.Adm.; M.A. Ed. (University of Northern Iowa)  
Dissertation: A Sociometric Study, through Histrionism, of the Relative Impact of Physical Attractiveness on the Employment Probability of Office Personnel  
Field of Specialization: Education

William Benjamin Young, Fairborn  
B.G.E. (University of Omaha); M.S. (Miami University)  
Dissertation: Group Process Experiences for Sixty University Students  
Field of Specialization: Education

Yousif Hanna Yousif, Mosul, Iraq  
B.S. (University of Baghdad); M.S. (Virginia Polytechnic Institute)  
Dissertation: The Effects of Etiolation and Ringing on Rooting of Myrobalan Plum (Prunus Serasifera) Cuttings  
Field of Specialization: Horticulture

Sidney Norman Zelson, Normal, Ill.  
A.B., A.M. (University of Missouri)  
Dissertation: Directed Dialogue and Pattern Drill in First and Second Year High School Spanish Classes: A Comparison of Two Treatments  
Field of Specialization: Education
Certificate of Specialist in Russian Area Studies
One candidate
James Frederick Allen, Groton, Conn.
B.S.E. (University of Michigan)

Master of Architecture
Four candidates
Charles Raymond Heuer, Poland
B.Arch. (Carnegie-Mellon University)
Field of Specialization: Architecture
Michael Kyung-il Kim, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Architecture
Young-Hun Sohn, Columbus
B.S., M.Arch. (Sejong University, Korea)
Field of Specialization: Architecture
David Lester Warren, Aurora, Ill.
B.Arch. (Iowa State University of Science and Technology)
Field of Specialization: Architecture

Master of Arts
Four hundred and thirty-nine candidates
Jack Don Adkins, Columbus
B.S. (Wilmington College)
Field of Specialization: Education
Keshach Enokerakpor Akpe, Ibadan, Nigeria
B.A. (University of Ghana)
Field of Specialization: Public Administration
Susanne Peer Alexander, Columbus
B.S.Ed.
Field of Specialization: Education
James Frederick Allen, Groton, Conn.
B.S.E. (University of Michigan)
Field of Specialization: Slavic Languages
Joseph Tarver Allen, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
Barbara Brenk Anderson, Columbus
B.S. (Educ. University of Wisconsin, Madison)
Field of Specialization: Speech Communication
Burnadine Moss Anderson, Shreveport, La.
B.A. (Southern University and Agricultural and Mechanical College)
Field of Specialization: Journalism
Jon Norman Anderson, Circleville
B.S.Ed.
Field of Specialization: Education
James Carl Andre, Columbus
B.S.Ed.
Field of Specialization: Education
Daniel Edward Andrias, Sugarcreek
B.S.Ed.
Field of Specialization: Education
Richard James Angelou, Columbus
B.S. in Ed. (Capital University)
Field of Specialization: Education
Louise Annarino, Newark
B.S.Ed.
Field of Specialization: Education
Sandra Zorn Anthony, Columbus
B.S.Ed.
Field of Specialization: Education
Thomas Nelson Applegate, Fredericktown
B.S.Ed.
Field of Specialization: Education
Brenda Joyce Arnett, Columbus
B.S.Ed.
Field of Specialization: Education
Catherine Marie Crawford Ashley, Salem
B.A. (Kent State University)
Field of Specialization: Political Science
Gilbert Wilson Atmip, Tampa, Fla.
B.A. (Stetson University)
Field of Specialization: Psychology
Marilyn Joan Axthmann, Youngstown
B.S. in Educ. (Mount Union College)
Field of Specialization: Education
Vicki Cook Baach, Clinton, Ia.
B.A. (University of Iowa)
Field of Specialization: Education
Karl Thomas Bachman, Cincinnati
B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology
Charlotte Ann Heistand Baker, Columbus
B.S.Ed.
Field of Specialization: Education
David Dale Baker, Lockbourne
B.S.Ed.
Field of Specialization: Music
Thomas Eugene Bakes, Columbus
B.S.Ed.
Field of Specialization: Education
Adrienne Kassin Balzanch, Columbus
B.A. (University of Kansas City)
Field of Specialization: Education
Lee Barnes, Buffalo, N.Y.
B.S.Ed. (Central State College)
Field of Specialization: Education
Jacklyn Lee Barnhart, Caldwell
B.S.Ed.
Field of Specialization: Education
Mary Elizabeth Barry, Columbus
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education
Beverly Ann Bartos, Seven Hills
B.S.Ed.
Field of Specialization: Physical Education
Elizabeth Ramlow Bathory, Euclid
A.B. (Oberlin College)
Field of Specialization: English
Roberta Yoder Bavry, Pataskala
B.A. (Purdue University)
Field of Specialization: English
Dennis Arlo Beer, Columbus
B.S.Ed.
Field of Specialization: Education
Alice Tybott Beery, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration
Marian Jane Belt, Columbus
B.S.H.E.
Field of Specialization: Education
Dennis Keith Benson, Dayton
A.B. (Miami University)
Field of Specialization: Political Science
John Frederick Berning, Grove City
B.S.Ed. (Ohio University)
Field of Specialization: Education
Charles Alvin Berry, Long Beach, Calif.
B.A. (California State College at Long Beach)
Field of Specialization: Psychology
Timothy Lee Best, Lima
B.S.Ed.
Field of Specialization: Education
Susan Louise Billing, Sidney
A.B. (Asbury College)
Field of Specialization: Education

1 Also Master of Arts, Graduate School
2 Also Certificate of Specialist in Russian Area Studies, Graduate School
Dennis Lynn Billingsley, Columbus
B.S.Ed.
Field of Specialization: Education

Michael Thomas Black, Wooster
B.S.Ed.
Field of Specialization: Physical Education

Lyns Key Bogart, Columbus
B.S.Ed.
Field of Specialization: Education

John Brian Bonner, Columbus
B.Mus.Ed.
Field of Specialization: Music

Carol Anne Bowers, Bradford
A.B. (Miami University)
Field of Specialization: English

Robert Emil Braun, Columbus
B.S.Bus.Adm. (Waynesburg College)
Field of Specialization: Education

Joan Tassole Brent, Columbus
B.S.Ed. (Kent State University)
Field of Specialization: Education

A.B. (Temple University)
Field of Specialization: English

Elizabeth Arndt Brownlee, Winter Park, Fla.
B.S.Ed. (University of Nebraska)
Field of Specialization: Education

Sister Sandra Brunnenn, Nauvoo, Ill.
B.A. (Saint Ambrose College)
Field of Specialization: Education

James Walter Bryer, Jr., Cahokia, Ill.
B.S. (Saint Louis University)
Field of Specialization: Psychology

Carol Elaine Buechner, Hamilton
B.S. in Edu. (Miami University)
Field of Specialization: Education

Dolores C. Buenobra, Lorain
B.S. (Philippine Normal College)
Field of Specialization: Education

Marilyn Jones Burgemeister, Columbus
B.S.Ed.
Field of Specialization: Education

Robert Charles Burkhardt, Sharon, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Physical Education

Larry Loring Burris, Columbus
B.A.Jour.
Field of Specialization: Journalism

James Harold Butts, Jr.
Canal Winchester
A.B. (Asbury College)
Field of Specialization: Education

Helen Eileen Byrd, Jacksonville, Fla.
B.A. (University of Florida)
Field of Specialization: Psychology

Nancy Ann Armstrong Canfield, New Carlisle
B.S.Ed.
Field of Specialization: Education

Richard Irving Canfield, Columbus
B.S.Ed.
Field of Specialization: Education

Armand William Carriere, Washington, D.C.
B.S.Bus.Adm. (University of Rhode Island)
Field of Specialization: Education

Benjamin Dickerson Caton, Newport, Tenn.
B.S.M.E. (East Tennessee State University)
Field of Specialization: Music

Dominic Joseph Cavella, Columbus
B.A.
Field of Specialization: Classics

Roland Armand Champagne, Jacksonville, N.C.
B.A. (Providence College)
Field of Specialization: Romance Languages

Marcus Lomie Clark, Columbus
B.S. (David Lipscomb College)
Field of Specialization: Physical Education

Walter Black Clark, Richmond
B.S. (University of Missouri Valley College)
Field of Specialization: Education

Sharon Danielle Grant Cline, Columbus
B.A. (West Virginia Wesleyan College)
Field of Specialization: Education

Karen Macinca Coggins, Grove City
B.A. (Geneva College)
Field of Specialization: Education

Clarice Sue Combs, Polar, Wis.
B.S. (Wisconsin State University, Oshkosh)
Field of Specialization: Physical Education

Cheryl Strobel Connery, Wintersville
B.S.Ed.
Field of Specialization: Education

Ann Reed Conrad, Columbus
B.S.Ed.
Field of Specialization: Education

Anne Elizabeth Conrad, Reynoldsburg
B.S. (Florida Southern College)
Field of Specialization: Education

Richard Alan Conway, Toronto, Ont., Canada
B.A. (Knox College)
Field of Specialization: Political Science

Mary Vermaas Cook, Marietta
B.S.Ed. (Ohio University)
Field of Specialization: Education

Jan Elizabeth Corbally, Columbus
B.S.Ed.
Field of Specialization: Education

Charles Michael Coxen, Cleveland
B.S.Ed. (Ohio University)
Field of Specialization: Education

Kathleen Wiget Corrao, Reynoldsburg
B.S.Ed.
Field of Specialization: Education

Ellen Brust Cotman, Columbus
A.B. (University of Michigan)
Field of Specialization: Education

Marjory Ann Craig, Caledonia
B.S.Ed.
Field of Specialization: Education

Russell Lee Crane, Clifton Forge, Va.
B.A. (Marshall University)
Field of Specialization: Physical Education

James Robert Cromwell, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

David Montgomery Cross, Rockport, Mass.
B.A. (University of Minnesota)
Field of Specialization: Psychology

Helena Mary Czepiel, Toledo
B.A. (University of Toledo)
Field of Specialization: Education

Catherine Margaret Deatherage, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
Mary Jane Beekley DeLoa, Cincinnati
B.S. in Edu. (Miami University)
Field of Specialization: Education

Aronia Virginia DePriest, Sandston, Va.
B.A. (Hampton Institute)
Field of Specialization: Psychology

John Robert DeRing, Columbus
B.S.Ed.
Field of Specialization: Education

Patricia Ramona DeZelar, Norwalk
B.S.Ed., M.A.
Field of Specialization: Journalism

Daniel Anthony DiBiasio, Lakewood
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Sammy Lee Dorff, Westerville
B.S. (Kent State University)
Field of Specialization: Education

Roger Sollows Dow, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Earnestine Ashe Dozier, Montgomery, Ala.
B.S. (Alabama State College)
Field of Specialization: Education

Thomas Samuel Drake, Columbus
B.S.Ed. (Otterbein College)
Field of Specialization: Education

Herman Henry Echols Jr., Massillon
B.A.
Field of Specialization: Political Science

Mae Roberts Edmondson, Columbus
B.S.Ed.
Field of Specialization: Education

Melvin Philip Effron, Bowling Green
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education

David Lee Eichelberger, Springfield
B.S. (Wright State University)
Field of Specialization: Education

Daniel David Elasky, Massillon
B.A.
Field of Specialization: English

Nicholas Corbly Elbaum, Manchester, N. H.
B.S. (New Haven College)
Field of Specialization: Sociology

Denn Gerald Ellerbrock, Columbus
B.A.
Field of Specialization: History

John Richard Ellis, New Philadelphia
B.S.Ed. (Ohio University)
Field of Specialization: Education

Kathy L. Ellison, Mansfield
A.B. (Smith College)
Field of Specialization: Education

Barbara Karen Estrin, Plainfield, N. J.
B.A. (University of Bridgeport)
Field of Specialization: Education

Kalvi Runo Faick, Helsinki, Finland
Diploma Eng. (Technical University)
Field of Specialization: Public Administration

John Robert Farley, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education

Joseph Anthony Federico, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Romance Languages

A.B. (University of California at Berkeley)
Field of Specialization: Dance

Linda Lorenz Finch, Barberton
B.A. (Mount Union College)
Field of Specialization: Education

Patricia Maureen Finnegan, Reynoldsburg
B.S.Ed. (Muskingum College)
Field of Specialization: Education

David Gene Fisher, Columbus
B.A. (Wittenberg University)
Field of Specialization: Education

Donna May Fisher, West Jefferson
B.S.Ed.
Field of Specialization: Education

Patricia Lewis Foell, Galion
B.S.Ed.
Field of Specialization: Education

Terrele Mae Fossett, East Cleveland
B.A. (Virginia Union University)
Field of Specialization: Journalism

Harold Floyd Foster, Jr. Bellevue
A.B. (University of Nebraska)
Field of Specialization: Journalism

George Alfred Fox, Jr., Grove City
B.S. (United States Naval Academy); A.M. (George Washington University)
Field of Specialization: Education

Kathryn Marie Fox, Columbus
B.A. (Saint Mary of the Woods College)
Field of Specialization: Music

Nick Gatz, Worthington
B.A. (Penn College)
Field of Specialization: Public Administration

Pauline Rose Geiser, Dover
B.A. (Georgetown College)
Field of Specialization: Romance Languages

Clarence William Giffin, Johnstown
B.A. (Denison University)
Field of Specialization: Physical Education

Thomas Albert Giles, Columbus
B.S.Ed.
Field of Specialization: Education

Joann Rae Gilmore, Hubbard
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Education

Terry Lynn Gladman, St. Paris
B.A.
Field of Specialization: Business Administration

Harriet Ann Albert Glaser, Newark
B.S.Ed.
Field of Specialization: Music

Nancy Ellen Glaser, Deal Park, N. J.
B.A. (Hofstra University)
Field of Specialization: History of Art

Susan Marie Sylvester Glick, Columbus
B.A. (University of California at Irvine)
Field of Specialization: English

Maisie Thomas Glover, Columbus
B.S. in Ed. (West Virginia State College)
Field of Specialization: Education

Michael Anthony Godkin, Birmingham, England
B.Sc. (University of London)
Field of Specialization: Geography

Elaine M. Goldband, Morristown, N. J.
B.S. (Ithaca College)
Field of Specialization: Physical Education

Gloria Goldman, London, England
B.A. (University of London)
Field of Specialization: Psychology

Dennis Norman Gombert, North Tonawanda, N. Y.
B.S.Ed. (State University College at Buffalo)
Field of Specialization: Political Science
David Clyde Good, Ashland
B.A. (Kent State University); B.S. (Northern State University)
Field of Specialization: Education

Ruth Saddler Hale, Wilberforce
B.S. (Alabama Agricultural and Mechanical College)
Field of Specialization: Education

Joyce Nelson Gordon, Galion
B.S. (University of Illinois)
Field of Specialization: Education

Kathryn Lee Hall, St. Louis, Mo.
B.S.Ed. (University of Illinois)
Field of Specialization: Education

Anne Elizabeth Gowan, New Philadelphia
A.B. (Indiana University)
Field of Specialization: Education

Roger Allan Hall, Columbus
A.B. (Princeton University)
Field of Specialization: Theatre

Harry Russell Gregory, Bluffton
B.A. (De Pauw University)
Field of Specialization: Classics

Bruce Merritt Handley, Irvington, N.Y.
B.S. (Ohio Northern University)
Field of Specialization: Physical Education

Galen Hayes Graham, Lyndhurst
B.A. (College of the Holy Cross)
Field of Specialization: Classics

Cynthia Gibson Hardy, Lisbon
B.S. (Bowling Green State University)
Field of Specialization: Education

Michael Harris Gray, Knoxville, Tenn.
B.A. (University of Tennessee at Knoxville)
Field of Specialization: Slavic Languages

Kathryn Lee Hall, Mechanicsville
B.S.Ed. (Capital University)
Field of Specialization: Physical Education

Carol Hall Griner, Circleville
B.S.Ed. (Capital University)
Field of Specialization: Physical Education

Deborah Cavendish Harman, Columbus
B.A.
Field of Specialization: English

Louis George Gross, Columbus
B.S.Ed.
Field of Specialization: Education

Trudier Harris, Tuscaloosa, Ala.
B.A. (Stetson University)
Field of Specialization: English

Sarah Bass Guckenheimer, Columbus
B.S.Ed.
Field of Specialization: Education

Anne Fitzgerald Hartung, Columbus
A.B. (Immaculate College)
Field of Specialization: Education

Carole Hall Griner, Circleville
B.S.Ed. (Capital University)
Field of Specialization: Physical Education

Anne Prentice Hawk, Columbus
B.S.Ed.
Field of Specialization: Education

Miss Irene Heineman, Columbus
B.S. in Art Edu. (Edinboro State College)
Field of Specialization: Art

Sarah Bass Guckenheimer, Columbus
B.S.Ed.
Field of Specialization: Education

Kathleen Grogan Henry, Urbana
B.S.Ed.
Field of Specialization: Education

Ann Irene Heineman, Columbus
B.S.Ed. (University of Texas)
Field of Specialization: Education

Eileen Louise Hagen, Parma
B.A. (Case Western Reserve University)
Field of Specialization: Psychology

Ann Irene Heineman, Columbus
B.S.Ed. (University of Texas)
Field of Specialization: Education

Grete Hartvedt, Oslo, Norway
Field of Specialization: Psychology

Kathleen Grogan Henry, Urbana
B.S.Ed.
Field of Specialization: Education

John Edward Hajjar, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration

Bonnie Lou Herron, Salinas
B.S. (Kent State University)
Field of Specialization: Education

Mary Shoemaker Heuss, Columbus
B.S.Ed.
Field of Specialization: Education

John Milton Isidor, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Education

Wavelyn Dougherty Hine, Pittsfield, Mass.
B.M. (University of Cincinnati)
Field of Specialization: Music

Verna Jeanne Hume, London
B.S.Ed.
Field of Specialization: Education

Linda Lee Hoa, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Dorothy Jean Holloway, Logan
B.S.Ed.
Field of Specialization: Physical Education

John Wallace Hoeffer, Mansfield
B.S.Ed.
Field of Specialization: Education

Ernest Jacob Hopkins, Cleveland
B.S.Ed.
Field of Specialization: Education

Louis LaMond Hunt, Tiffin
B.S.Ed.
Field of Specialization: Education

Tonya Rae Houser, Wooster
B.S. in Ed. (Ashland College)
Field of Specialization: Education

JeAnn Hilicka Hoverman, Reynoldsburg
B.A. (Trenton State College)
Field of Specialization: Education

Edwina Jane Howe, Ashland
B.S. (Ohio Wesleyan University)
Field of Specialization: Education

Jean Wyeth Hume, London
B.S.Ed.
Field of Specialization: Education

James William Hunter, Shelby
A.B. (Princeton University)
Field of Specialization: Education

Richard George Ihendorf, Dayton
B.A. (University of Dayton)
Field of Specialization: Classics

Pamela Fischer Jagunic, Westerville
B.S.Ed. (Kent State University)
Field of Specialization: Education

John Edward Hajjar, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration
Eva Lapczynski Janeczek, Dublin
B.A.
Field of Specialization: Slavic Languages

Harvey C. Jassem, Jamaica, N.Y.
B.A. (Queens College)
Field of Specialization: Speech Communication

James Jefferson Jeffries, Columbus
B.A. (Wright State University)
Field of Specialization: Political Science

Alfred Thomas Johnson, North Lewisburg
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education

James Bruce Johnson, Port Clinton
B.S.Ed.
Field of Specialization: Education

Marcia Elizabeth Johnson, Fairview Park
B.A. (Notre Dame College)
Field of Specialization: History

Victoria Gatwood Johnson, Columbus
B.S.Ed.
Field of Specialization: Education

Theodore Jodsky, St. Louis Park, Minn.
B.A. (Carleton College)
Field of Specialization: Education

Carolyn Edith Jones, Columbus
B.A. (Northwestern University)
Field of Specialization: Art Education

Mary Jane Judge, Decatur, Ga.
A.B. (University of Georgia)
Field of Specialization: Political Science

Cheryl Ball Jurrus, Columbus
B.A. (Valparaiso University)
Field of Specialization: Art Education

Mary Orehovee Kearns, Brecksville
B.S. (Ohio University)
Field of Specialization: Education

Robin Birdsall Kelly, Columbus
A.B. (George Washington University)
Field of Specialization: Romance Languages

Marilyn Jean Kesler, Columbus
B.A. (David Lipscomb College)
Field of Specialization: Education

Gerald Alan Kesselman, New York, N.Y.
A.B. (Case Western Reserve University)
Field of Specialization: Psychology

David Mitchell Kieffer, Columbus
B.A.
Field of Specialization: Journalism

Edith Ann Kimball, Columbus
B.S.Ed.
Field of Specialization: Education

Craig C. King, Columbus
B.S.Ed.
Field of Specialization: Education

Jessie Watson King, Columbus
B.S.Ed.
Field of Specialization: Education

Charman Ann Kinzelman, Columbus
B.S.Ed.
Field of Specialization: Education

Connie Menard Kirklund, Whitehouse
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

Betty Lou Kitte, Kitts Hill
A.B. (Ohio University)
Field of Specialization: Education

Linda Rhoads Klein, Columbus
B.S.Ed.
Field of Specialization: Education

Joyann Kohn, Warren
B.S.Ed.
Field of Specialization: Education

Joanne Andrea Konefal, Clifton, N.J.
B.A. (Paterson State College)
Field of Specialization: Speech Communication

Mary Jane Chittenden Kopp, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Mary Margaretha Korfhage, Fern Creek, Ky.
B.S.H.Ed. (University of Kentucky)
Field of Specialization: Education

Joseph James Kotva, Bedford
A.B. (Western Reserve University)
Field of Specialization: Agricultural Education

Marcia Elizabeth Kozub, Cleveland
B.A. (Mount Union College)
Field of Specialization: Education

George Milton Kreps, Columbus
B.S. (Manchester College); B.D. (Bethany Biblical Seminary)
Field of Specialization: Anthropology

Judith Kay Krier, Columbus
A.B. (Indiana University)
Field of Specialization: Speech Communication

Lon Stinson Kriner, Columbus
B.S. (Bowling Green State University)
Field of Specialization: Education

Bruce Julius Krueger, El Cajon, Calif.
B.S.Ed. (University of Wisconsin)
Field of Specialization: Education

Arthur James Krumsee, Chicago, Ill.
B.A. (Northwestern University)
Field of Specialization: German

Michael Martin Kumpf, Maquoketa, Iowa
B.A. (Luther College)
Field of Specialization: Classics

Patricia Beeman Kurrent, Columbus
B.S.Ed.
Field of Specialization: Education

Rose Marie Conde LaCasse, Des Moines, IA.
B.S. (Marillac College)
Field of Specialization: Education

Penelope Battin Lake, Canfield
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

Patricia Strup Lally, Columbus
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

James Edward Lamb, Columbus
B.S.Ed.
Field of Specialization: Education

Glennis Elbert Lambert, Columbus
B.S.Ed.
Field of Specialization: Education

Werner Jürgen Lange, Youngstown
B.A.
Field of Specialization: Anthropology

Diane Doutt Langner, Columbus
A.B. (Grove City College)
Field of Specialization: Education

Nancy Ann Lantz, Warren
B.S. (Mercyhurst College); M.S.
Field of Specialization: Education

Kyle Lynn Laubach, Chester Springs, Pa.
B.Mus. (Butler University)
Field of Specialization: Music

Linda Jean Laughrey, Kenton
B.S. (Defiance College)
Field of Specialization: Physical Education

John Thomas Laut, Columbus
B.Ed. (University of Toledo)
Field of Specialization: Education
David Alvin Lawrence, Columbus  
B.S.Ed.  
Field of Specialization: Education

William Joseph Layer, Brooklyn, N.Y.  
A.B. (Fordham College)  
Field of Specialization: History

Dennis F. Laynor, Millersville, Pa.  
B.A. (West Chester State College)  
Field of Specialization: Education

Andrea Murl Leach, Columbus  
B.S.Ed.  
Field of Specialization: Education

Mary Lou Leary, Worchester, Mass.  
B.A. (Syracuse University)  
Field of Specialization: Education

James Edward Lehman, Marion  
B.S.Ed. (Miami University)  
Field of Specialization: Education

Lance T. LeLoup, Latham, N.Y.  
A.B. (Georgetown University)  
Field of Specialization: Political Science

Sharyn Sue Lewis, Columbus  
B.S.Ed.  
Field of Specialization: Education

Myrian Lee Muggre Lincoln, Marshalltown, Ia.  
B.A. (State College of Iowa)  
Field of Specialization: Education

Robert William Littlehales, Ill.  
B.S.Ed.  
Field of Specialization: History

Betty Gargun Livingstone, Columbus  
B.A. (University of the Witwatersrand South Africa)  
Field of Specialization: Education

Laura Hicks Locke, Columbus  
B.S.Ed.  
Field of Specialization: Education

Michael Errol Locke, Canal West Liberty State College  
B.S. (Bluffton College)  
Field of Specialization: Physical Education

Manuel London, Canton  
A.B. (Case Western Reserve University)  
Field of Specialization: Psychology

Irene Cronin Lonergan, Columbus  
B.A. (Texas Woman's University)  
Field of Specialization: Education

Robert Joseph Lonergan, Columbus  
B.S. (Plymouth State College)  
Field of Specialization: Education

Mark Thomas Long, Canton  
B.Mus. (DePauw University)  
Field of Specialization: Music

Rita Tardiff Long, Chillicothe  
B.A.  
Field of Specialization: Romance Languages

Christopher Dunbar Loris, Columbus  
B.A. (Ohio Wesleyan University)  
Field of Specialization: Education

Hazel Haun Loucks, Westerville  
B.S. (Southern Illinois University)  
Field of Specialization: Education

Michael Andrew Lourer, Columbus  
B.S.Ed. (University of Texas)  
Field of Specialization: Education

Oscar Richard Lundy, Columbus  
B.S.Ed.  
Field of Specialization: Education

Patricia Armitage MacCleary, Worthington  
B.A. (University of Pittsburgh)  
Field of Specialization: Education

Robert Francis Mahek, Shelby  
B.S.Ed.  
Field of Specialization: Education

Carol Freshwater Manchester, East Liberty  
B.S.Ed.  
Field of Specialization: Education

Crosby Miller Manchester, Ill.  
East Liberty  
B.S.Ed.  
Field of Specialization: Music

Margery Sue Manesberg, St. Louis, Mo.  
B.A. (Case Western Reserve University)  
Field of Specialization: Education

Harvey Howard Marmurek, Downview, Ont., Canada  
B.A. (University of Toronto)  
Field of Specialization: Psychology

Marlina Ruth Marr, Memphis, Tenn.  
B.A. (Memphis State University)  
Field of Specialization: Journalism

Robert Wade Marsh, Grove City  
B.S. in Ed. (Capital University)  
Field of Specialization: Physical Education

Kathleen Callanan Martin, Silver Spring, Md.  
B.A. (Dickinson College)  
Field of Specialization: Sociology

Sister Ann Kateri Martinez, New Orleans, La.  
B.A. (Our Lady of Holy Cross College)  
Field of Specialization: Education

John Aloysius McCormack, Yonkers, N.Y.  
B.A. (John Carroll College)  
Field of Specialization: Education

James Patrick McCormick, Grove City  
B.S.Ed. (Ohio University)  
Field of Specialization: Education

Claire Elaine McCoy, Jackson  
B.A. (Otterbein College)  
Field of Specialization: English

Mary O'Neill McElroy, Columbus  
B.S. (Mississippi State College for Women)  
Field of Specialization: Education

Vaughneda Betz McGinnis, Columbus  
B.S. (Rio Grande College)  
Field of Specialization: Education

Stephen Robert McKierhan, Lisle, Ill.  
B.A. (Hartford College)  
Field of Specialization: Education

Sandra Kay McLaughlin, New Augusta, Miss.  
B.S. (Jackson State College)  
Field of Specialization: Education

Delores Evelyn McNeil, Corona, N.Y.  
B.S.Ed. (Central State University)  
Field of Specialization: History

Richard F. Mehl, Neosho  
B.S.Ed. (Ohio University)  
Field of Specialization: Education

Dean W. Meier, Osage, Ia.  
B.A. (State College of Iowa)  
Field of Specialization: Education

Kathleen Robinson Metzalf, Utica  
B.S.Ed.  
Field of Specialization: Education

Delores Bell Mick, Columbus  
B.A. (Iowa State Teachers College)  
Field of Specialization: Education

Patricia White Mick, Columbus  
B.S.Ed. (Ohio University)  
Field of Specialization: Education

Emily Matuszek Mieczkowski, Newark  
H.S. (College of Steubenville)  
Field of Specialization: Education

Susan Anne Miesmer, Closter, N.J.  
B.A. (Hobart College)  
Field of Specialization: Romance Languages
<table>
<thead>
<tr>
<th>Name</th>
<th>College/University</th>
<th>Field of Specialization: Education</th>
</tr>
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<tbody>
<tr>
<td>Elizabeth Brandt Miller, Columbus</td>
<td>B.S. (Wheeling College)</td>
<td>Education</td>
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<tr>
<td>Linda Goodrich Miller, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
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<tr>
<td>Michael Kent Miller, Columbus</td>
<td>B.S. in Ed. (Ball State Teachers College)</td>
<td>Education</td>
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<tr>
<td>Dorothy Penka Mills, Columbus</td>
<td>B.S. (Ohio University)</td>
<td>Education</td>
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<tr>
<td>Joseph Michel Montes, National City, Calif.</td>
<td>(University of Redlands)</td>
<td>Education</td>
</tr>
<tr>
<td>Debora Gross Moon, Worthington</td>
<td>A.B. (Western Reserve University)</td>
<td>Education</td>
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<tr>
<td>Suzanne Ball Morgan, Columbus</td>
<td>B.A.</td>
<td>Education</td>
</tr>
<tr>
<td>John Irvine Morrison, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
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<tr>
<td>Sharyn May Morse, Columbus</td>
<td>B.S. in Educ. (Miami University)</td>
<td>Education</td>
</tr>
<tr>
<td>Murphy D. Moultry, Columbus</td>
<td>B.S.Ed. (Capital University)</td>
<td>Education</td>
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<tr>
<td>Connie Plapp Mueller, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
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<tr>
<td>John Loren Muhlbach, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Robert Jan Mulcahy, Youngstown</td>
<td>B.A.</td>
<td>Education</td>
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<tr>
<td>Sister Anne Theresa Murray, Columbus</td>
<td>B.S. in Educ. (College of Saint Mary of the Springs)</td>
<td>Education</td>
</tr>
<tr>
<td>Susan Jane Meeth Mushero, Parma Heights</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Michael Kerry Neal, Dayton</td>
<td>B.S. (Central State College)</td>
<td>Education</td>
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<tr>
<td>Angela Stroh Nease, Marysville</td>
<td>B.A. (Ohio Wesleyan University)</td>
<td>Education</td>
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<tr>
<td>John Edward Nicholson, Lima</td>
<td>B.S.</td>
<td>Education</td>
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<tr>
<td>Ethel Patricia Nichols, Wellsburg, W. Va.</td>
<td>(Capital University)</td>
<td>Education</td>
</tr>
<tr>
<td>Barbara Ann Oney, Carrolton</td>
<td>B.A. (Transylvania College)</td>
<td>Education</td>
</tr>
<tr>
<td>Shirley Berry Oravec, Reynoldsburg</td>
<td>B.A. (Capital University)</td>
<td>Education</td>
</tr>
<tr>
<td>James Herbert Orsborn, Mt. Gilead</td>
<td>B.S.Ed. (Ohio University)</td>
<td>Education</td>
</tr>
<tr>
<td>Myron Wallace Osborn, III, Columbus</td>
<td>B.S.Bus.Adm.</td>
<td>Education</td>
</tr>
<tr>
<td>William C. Pees, Columbus</td>
<td>B.S.Ed. (Ohio University)</td>
<td>Education</td>
</tr>
<tr>
<td>Joyce Deifenbaugh Pemberton, Columbus</td>
<td>B.S. (Manchester College)</td>
<td>Education</td>
</tr>
<tr>
<td>Patricia Lee Pennington, Richmond, Surrey, England</td>
<td>B.A. (Newcomb College of Tulane University)</td>
<td>Education</td>
</tr>
<tr>
<td>Noreen Gatiazia Perkins, Columbus</td>
<td>B.S.Ed. (Youngstown State University)</td>
<td>Education</td>
</tr>
<tr>
<td>Robert Lee Peters, Groveport</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Kathleen Ann Pichola, Elyria</td>
<td>B.A. (Denison University)</td>
<td>Education</td>
</tr>
<tr>
<td>Anthony John Piehowiecz, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Sandra Kay Pierson, Lima</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Rosario Poirier, Charlesbourg, Que., Canada</td>
<td>Licence (University of Montreal); Licence (University of Laval)</td>
<td>Education</td>
</tr>
<tr>
<td>Patricia Ann Purdy, Springfield</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Virginia K. Price, Westerville</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Patricia Ann Purdy, Springfield</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>Carol Hirsch Radnor, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
<tr>
<td>George Henry Ramsey, Jr., Anderson, Ind.</td>
<td>B.A. (Anderson College)</td>
<td>Education</td>
</tr>
<tr>
<td>Sister Mary Louise Rathert, Omaha, Neb.</td>
<td>B.A. (Rosary College)</td>
<td>Education</td>
</tr>
<tr>
<td>Thomas Joseph Rawe, Alfred Station, N. Y.</td>
<td>B.S. (Clarkson College of Technology)</td>
<td>Education</td>
</tr>
<tr>
<td>Warren Thomas Rayder, Columbus</td>
<td>B.A. (Valparaiso University)</td>
<td>Education</td>
</tr>
<tr>
<td>Janet Nottbusch Ream, Columbus</td>
<td>B.A. (Earlhame College)</td>
<td>Education</td>
</tr>
<tr>
<td>Sandra Ellen Reed, Columbus</td>
<td>B.S.Ed.</td>
<td>Education</td>
</tr>
</tbody>
</table>
Edward Jerome Smith, Warren  
B.S.Ed.  
Field of Specialization: Education

Linda Roberts Smith,  
Northgarden, Va.  
B.M.E. (Madison College)  
Field of Specialization: Music

William Duane Smith, Lawrence, Kan.  
B.S. (Fort Hays Kansas State College)  
Field of Specialization: Education

Deena Evans Snapp, Columbus  
B.S.Ed.  
Field of Specialization: Education

Ronald Joseph Sniderman,  
Ypsilanti, Mich.  
B.A. (Oakland University)  
Field of Specialization: Education

Helen Cooke Snyder, Waverly  
B.S. (Berea College)  
Field of Specialization: Education

Timothy Preston Spengler,  
South Charleston, W. Va.  
B.A. (Muskingum College)  
Field of Specialization: Slavic Languages

Rita Nicholson Spooler, Columbus  
B.S. (Wilson Teachers College)  
Field of Specialization: Education

B.S.Ed. (Millersville State College)  
Field of Specialization: Education

John Michael Stanley, Columbus  
B.A. (Miami University)  
Field of Specialization: Education

Nancy Allyson Stanley,  
East Liverpool  
B.A. (Muskingum University)  
Field of Specialization: Education

Shirley Staples, Lineville, Ala.  
B.S. (Tuskegee Institute)  
Field of Specialization: Journalism

Otto Charles Stepmaier, Cleveland  
A.B. (John Carroll University)  
Field of Specialization: Education

Raymond Alan Steinmetz,  
North Ridgeville  
B.S.Ed.  
Field of Specialization: Education

Richard Ulen Stephens, Hillsboro  
B.A., B.S.Ed.  
Field of Specialization: Education

Sister Doris Ann Steppe,  
Plaquemine, La.  
B.A. (Our Lady of Holy Cross College)  
Field of Specialization: Education

James Frank Stewart,  
Matheny, W. Va.  
B.S. (West Virginia Institute of Technology)  
Field of Specialization: Education

Dale Paul Stitz, North Canton  
B.A. (Malone College)  
Field of Specialization: Education

Satoshi Sugita, Saitama-Ken, Japan  
B.Econ. (Aoyama Gakuin University)  
Field of Specialization: Education

Charles Thomas Sullivan, Columbus  
B.A.  
Field of Specialization: Education

Barbara Lee Summers,  
Leavenworth, Kan.  
B.S. in Educ. (Kansas State Teachers College)  
Field of Specialization: Education

Lisa Factor Taft, Sandusky  
B.A. (Bowling Green State University)  
Field of Specialization: History of Art

Hobenah Erhaugh Terhune,  
Mt. Sterling  
B.S.Ed. in Ed. (Bowling Green State University)  
Field of Specialization: Music

Grant Ian Thrall, San Gabriel, Calif.  
B.A. (California State College at Los Angeles)  
Field of Specialization: Economics

Michael Richard Todd, Marion  
B.A. (Muskingum College)  
Field of Specialization: Education

Annie Houser Tolle, Port Clinton  
B.A. (Purdue University)  
Field of Specialization: Physical Education

Suzanne Sites Trace,  
Washington, D.C.  
B.A. (George Washington University)  
Field of Specialization: Education

Denise Mary Trauth, Cincinnati  
A.B. (College of Mount Saint Joseph on the Ohio)  
Field of Specialization: Journalism

Walter William Trimble, Columbus  
B.A.  
Field of Specialization: Journalism

Joan Gilbert Uhl, Columbus  
B.S.Ed.  
Field of Specialization: Education

Florence Frances Unetich, Cleveland  
B.A., B.S.Ed.  
Field of Specialization: Education

Elizabeth Dietrich Vajen, Columbus  
B.S.Nurs.  
Field of Specialization: Physical Education (Health Education)

Gary Lee John Van Arsdale, Columbus  
B.S.Ed. (Ashland College)  
Field of Specialization: Education

Rosemary Duffy Van Eman, Columbus  
B.S.Bus.Adm.  
Field of Specialization: Education

Larry Edward Vaughan, Columbus  
B.A.  
Field of Specialization: Political Science

Clara Smith Vaughn, Lancaster  
A.B. (Ohio University)  
Field of Specialization: Psychology

Dennis Francis Verhoff, Leipsic  
B.S. (University of Dayton); A.M. (University of Pennsylvania)  
Field of Specialization: Political Science

John William Vernon, Jr.,  
Careetta, W. Va.  
B.S. (Blufffield State College)  
Field of Specialization: Education

Patricia Conley Vogt, Columbus  
B.S.Ed. (State University of New York at Buffalo)  
Field of Specialization: Education

George Joseph Vranekovic, Euclid  
A.B. (University of Miami)  
Field of Specialization: Psychology

Gregory Stephen Waddell, Columbus  
B.A.  
Field of Specialization: Education

Harry Neff Waldron, III,  
Natchitoches, La.  
B.A. (Northwestern State College of Louisiana)  
Field of Specialization: History

Colleen Hooten Walls, Westerville  
B.S.E. (University of Arkansas)  
Field of Specialization: Education

Elizabeth Ann Walpoe, Dimock, Pa.  
B.A. (American University)  
Field of Specialization: Journalism

William Joseph Weaver, Columbus  
B.S.Ed.  
Field of Specialization: Education

Don Robert Weimer, Columbus  
B.S.Ed.  
Field of Specialization: Education

Kenneth Charles Weiss, Columbus  
B.S.Ed.  
Field of Specialization: Education
Cheryl Kolleda Wendell, Marion  
B.S. (Ashland College)  
Field of Specialization: Education

Ann Elizabeth West, Spencer  
A.B. (Heidelberg College)  
Field of Specialization: Education

Michael Allen Wu, Colorado Springs, Colo.  
B.A. (San Jose State College)  
Field of Specialization: History

Martha Kay Wheeler, Columbus  
B.S. Ed. (Ohio University)  
Field of Specialization: Education

Carolyn Lee Beach White, Columbus  
B.S.Ed.  
Field of Specialization: Education

Gary Robert Wiegking, Columbus  
B.S.Bus.Adm. (Ashland College)  
Field of Specialization: Education

Kenneth Parmalee Wilcox, Flint, Mich.  
B.A. (Oakland University)  
Field of Specialization: German

Anna Claffey Williams, Columbus  
B.S.Ed.  
Field of Specialization: Education

Charles Henry Williams, Cleveland  
B.S.Ed. (Bowling Green State University)  
Field of Specialization: Education

Mary Ann Sheridan Williams, Dayton  
B.A. (Wilmington College)  
Field of Specialization: Theatre

Janet McFarland Wise, Columbus  
B.A. (Mount Union College)  
Field of Specialization: Education

Virginia Sindel Witte, Columbus  
B.S.Ed.  
Field of Specialization: Education

Jelan Keith Woodmansee, Columbus  
B.S.  
Field of Specialization: Journalism

Roger Blair Woodrome, Rosiclare, Ill.  
B.A. (Southern Illinois University)  
Field of Specialization: Education

George Wendell Wooster, Eatonville, Wash.  
B.S. in Physics (Washington State University)  
Field of Specialization: Education

Patricia Ann Worthy, Canton  
B.A. Ed.  
Field of Specialization: Education

Paul Joseph Wright, Columbus  
B.S.Ed.  
Field of Specialization: Education

William Francis Wyar, Berea  
B.A. (University of Notre Dame)  
Field of Specialization: Psychology

Sharon Schmelling Yelie, Columbus  
B.A. (University of North Dakota)  
B.S.Ed.  
Field of Specialization: Education

Warren Philip Yarnell, Silver Spring, Md.  
B.A. (George Washington University)  
Field of Specialization: Political Science

John Mark Yatko, Columbus  
B.A. (King's College)  
Field of Specialization: Education

Jeffrey Lee Yearing, Ridgewood, N. J.  
B.S. (Springfield College)  
Field of Specialization: Physical Education

Wanda Phillips Yoder, Columbus  
B.A. (Anderson College)  
Field of Specialization: Education

Joyce Ann Young, Columbus  
B.S.Ed.  
Field of Specialization: Education

Bernard Louis Zacharias, Columbus  
B.S.Ed. (Wisconsin State University)  
Field of Specialization: Public Administration

Wanda Phillips Yoder, Columbus  
B.A. (Anderson College)  
Field of Specialization: Education

Joyce Ann Young, Columbus  
B.S.Ed.  
Field of Specialization: Education

Bernard Louis Zacharias, Columbus  
B.S.Ed. (Wisconsin State University)  
Field of Specialization: Public Administration

Master of Business Administration

Thirty-one candidates

David Cecil Anderson, Columbus  
B.M.E.  
Field of Specialization: Business Administration

Leopold Anthony Avallone,  
Lowville, N. Y.  
B.S.E.E. (Rensselaer Polytechnic Institute)  
B.S.Bus.Adm.

Daniel Lee Boome, Columbus  
B.S.Bus.Adm.  
Field of Specialization: Business Administration

Earl Alan Braun, Columbus  
B.S.Bus.Adm.  
Field of Specialization: Business Administration

Michael William Cullaghan, Bellevue  
B.B.A. (University of Notre Dame)  
Field of Specialization: Business Administration

Caleb Douglas Carter, Columbus  
B.S. (University of Maryland)  
Field of Specialization: Business Administration

Donald Eugene Clark, Beloit  
B.S.Bus.Adm., B.S.Ed.  
Field of Specialization: Business Administration

Kenneth Louis Coleman, Centralia, Ill.  
B.S.Bus.Adm.  
Field of Specialization: Business Administration

Gary David Drake, Columbus  
B.S. (Ohio University)  
Field of Specialization: Business Administration

Ronald Leroy Ernst, Naperville, Ill.  
B.S. (Indiana University)  
Field of Specialization: Business Administration

Milton Dolan Fritschke, Jr., Lakewood  
B.S. (Baldwin-Wallace College)  
Field of Specialization: Business Administration

Robert Eugene Fry, Jr., Columbus  
B.S.Bus.Adm.  
Field of Specialization: Business Administration

William Fred Gahr, Jr., Dayton  
B.S. in Com. (University of Kentucky)  
Field of Specialization: Business Administration

Rolla Philip Giles, Woodward, Okla.  
B.A. (Oklahoma City University)  
Field of Specialization: Business Administration

Daniel Allan Gower, Granville  
B.A. (Miami University)  
Field of Specialization: Business Administration

David Lee Harris, Lima  
B.A. (Otterbein College)  
Field of Specialization: Business Administration

Adrian Hekking, Columbus  
B.A. (University of Maryland)  
Field of Specialization: Business Administration
David Lawrence Heron, Hopedeale, Mass.
B.A. (University of Massachusetts)
Field of Specialization: Business Administration

Thomas Paul Hyle, Lancaster
B.S.Bus.Adm.
Field of Specialization: Business Administration

Charles Scott Joubian, Columbus
B.Ch.E., M.S.
Field of Specialization: Business Administration

Mark Harry Karns, Monclova
B.A.
Field of Specialization: Business Administration

John Mason Leith, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Business Administration

Kenneth Ernest Miller, Willoughby, Australia
B.Com. (University of New South Wales)
Field of Specialization: Business Administration

Denison Neale, Jr., Columbus
B.A. (Hanover College)
Field of Specialization: Business Administration

Desmond Hubert O’Halloran, Cork, Ireland
B.Com., M.Econ. (University College, Dublin)
Field of Specialization: Business Administration

Kent Kagay Rinker, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Business Administration

Steven Romann Smith, Cincinnati
B.S. (Miami University)
Field of Specialization: Business Administration

Francis Thomas Stofa, Columbus
B.A.
Field of Specialization: Business Administration

Robert Wayland Ulh, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Richard Allan Bredberg, Clearwater, Fla.
B.F.A. (University of Florida)
Field of Specialization: Fine Arts (Sculpture)

B.S. in Ed. (West Virginia State College)
Field of Specialization: Fine Arts (Graphics)

James Vincent Carpino, Martins Ferry
B.A. (College of Steubenville)
Field of Specialization: Fine Arts (Graphics)

Leeann Gatchell, Findlay
B.A.
Field of Specialization: Theatre

Boris Gruenewald, Columbus
Certificate (State Art Academy, West Germany)
Field of Specialization: Fine Arts (Sculpture)

Jo Ann Parkinson Holtrey, Edison
B.F.A.
Field of Specialization: Fine Arts (Graphics)

Christina Maria Siegle, Tiffin
B.A. (Bowling Green State University)
Field of Specialization: Theatre

Susan Geraldine Snider, Lafayette, Ind.
A.B. (Indiana University)
Field of Specialization: Fine Arts (Sculpture)

George Jacob Utz, Reynoldsburg
B.F.A. (University of Illinois)
Field of Specialization: Fine Arts (Sculpture)

William James Williams, Columbus
B.F.A.
Field of Specialization: Fine Arts (Sculpture)

Edward Alexander Youngman, Toledo
B.A. (Denison University)
Field of Specialization: Fine Arts (Sculpture)

Master of Fine Arts

Two candidates

Mary Weber Bennett, Hartford, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Fine Arts (Graphics)

Master of City Planning

Nine candidates

Wiley Hill Cledfelder, Columbus
B.F.A.
Field of Specialization: City and Regional Planning

Peter George Dorpelen, Columbus
A.B. (Earlham College)
Field of Specialization: City and Regional Planning

Robert Russell Hahn, San Francisco, Calif.
A.B. (University of California at Berkeley)
Field of Specialization: City and Regional Planning

Wayne Joseph Holfman, Columbus
B.A.
Field of Specialization: City and Regional Planning

Frank Ronald Leone, Youngstown
B.A.
Field of Specialization: City and Regional Planning

John Allan Marshall, Hamilton, Ont., Canada
B.A. (McMaster University)
Field of Specialization: City and Regional Planning

Barbara Beth McClure, Pendleton, S. C.
B.A. (University of North Carolina)
Field of Specialization: City and Regional Planning

Ronald Harris Miller, St. Louis, Mo.
A.B. (Indiana University)
Field of Specialization: City and Regional Planning

William Lee Toner, Cincinnati
B. of Arch in F.P.A. (Kent State University)
Field of Specialization: City and Regional Planning

Master of City Planning

Nine candidates

Wiley Hill Cledfelder, Columbus
B.F.A.
Field of Specialization: City and Regional Planning

Peter George Dorpelen, Columbus
A.B. (Earlham College)
Field of Specialization: City and Regional Planning

Robert Russell Hahn, San Francisco, Calif.
A.B. (University of California at Berkeley)
Field of Specialization: City and Regional Planning

Wayne Joseph Holfman, Columbus
B.A.
Field of Specialization: City and Regional Planning

Frank Ronald Leone, Youngstown
B.A.
Field of Specialization: City and Regional Planning

John Allan Marshall, Hamilton, Ont., Canada
B.A. (McMaster University)
Field of Specialization: City and Regional Planning

Barbara Beth McClure, Pendleton, S. C.
B.A. (University of North Carolina)
Field of Specialization: City and Regional Planning

Ronald Harris Miller, St. Louis, Mo.
A.B. (Indiana University)
Field of Specialization: City and Regional Planning

William Lee Toner, Cincinnati
B. of Arch in F.P.A. (Kent State University)
Field of Specialization: City and Regional Planning

Master of Fine Arts

Twelve candidates

Mary Weber Bennett, Hartford, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Fine Arts (Graphics)

Master of Fine Arts

Twelve candidates

Mary Weber Bennett, Hartford, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Fine Arts (Graphics)
Master of Science
One hundred and eighty-nine candidates

Girmai Abraham, Addis Ababa, Ethiopia
B.S. Agr. (Halle Sellarisie University)
Field of Specialization: Agricultural Economics and Rural Sociology

Judy Arlene Angle, Bellefontaine
Field of Specialization: Allied Medicine

Michael Joseph Antochow, Maple Heights
B.M.E.
Field of Specialization: Mechanical Engineering

Julie Elaine Arnold, Amelia, Ohio
B.S. (Madison College)
Field of Specialization: Home Economics

Dean Tze-yue Au, Taipei, Taiwan
B.S.E. (Taiwan Cheng Kung University)
Field of Specialization: Electrical Engineering

Gary Allen Bambauer, Sunbury
B.S. Agr.
Field of Specialization: Agricultural Education

John William Bastian, Tiffin
B.S. Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Parthapratim Basu, West Bengal, India
B.V.Sc. and A.H. (University of Calcutta)
Field of Specialization: Pharmacy

Jerome Frederic Beckman, Columbus
B.Ch.E.
Field of Specialization: Chemical Engineering

Ronnie Lee Bennett, Dayton
B.S.E.E. (Howard University)
Field of Specialization: Electrical Engineering

Jerry Willard Berg, Dalton
B.S. Agr.
Field of Specialization: Agricultural Education

Jean Gruff Berkwitt, New York, N. Y.
B.S.H.E.
Field of Specialization: Home Economics

Ramesh Kumar Bhardwaj, Dholpur, India
B.Sc., M.Sc. (Agra University)
Field of Specialization: Dairy Science

Veena Bhatia, New Delhi, India
B.Tech (Indian Institute of Technology); M.C.P.
Field of Specialization: Civil Engineering

Nguyen Ngoc Bich, Hanoi, South Vietnam
B.Met.E.
Field of Specialization: Metallurgical Engineering

Robert Carl Bradbury, Altamont, Ill.
B.S. (College of the Holy Cross); M.S.A. (George Washington University)
Field of Specialization: Preventive Medicine

Dorothy Ann Brooks, Columbus
B.S. in Ed. (University of Kansas)
Field of Specialization: Home Economics

Thomas Roland Brooks, Rocky River
B.A. (Baldwin-Wallace College)
Field of Specialization: Computer and Information Science

Margaret Ellen Cain, Middletown
B.S. (University of Dayton)
Field of Specialization: Home Economics

George David Carpenter, Lima
B.S.A.A.E.
Field of Specialization: Mechanical Engineering

Jeanette Kay Chambers, Columbus
B.S. (University of Wisconsin)
Field of Specialization: Nursing

Hoan Moses Chung, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Chemistry

Bruce Alan Clausius, Barnesville
B.C.E.
Field of Specialization: Engineering Mechanics

Clarkson Lee Coffin, Columbus
B.S.A.E. (Purdue University)
Field of Specialization: Mechanical Engineering

Linda Susan Cohen, Chicago, Ill.
B.S. (University of Illinois)
Field of Specialization: Pharmacy

Anthony Jay Collier, Columbus
B.S.C.E.
Field of Specialization: Civil Engineering

Dale Eugene Cooley, Dayton
B.S. in A.E. (University of Wichita)
Field of Specialization: Aeronautical and Astronautical Engineering

Harold Raymond Cooper, Columbus
B.S.
Field of Specialization: Microbiology

Dean Francis Cornwell, Columbus
B.S.E.P.
Field of Specialization: Electrical Engineering

George Christopher P. Crall, Bucyrus
Field of Specialization: Chemical Engineering

Phillip Leonard Daniel, Chiliacotta
B.S. (University of Kentucky)
Field of Specialization: Metallurgical Engineering

James Raymond Darwood, Van Wert
B.S.
Field of Specialization: Botany

Ronald Benjamin Dickerson, Columbus
Field of Specialization: Civil Engineering

John Laurence Donaldson, Lyndhurst
B.S. (Case Western Reserve University)
Field of Specialization: Mathematics

Gerald Leroy Doty, Miamisburg
Field of Specialization: Mechanical Engineering

* Also Bachelor of Mechanical Engineering. College of Engineering
1 Also Bachelor of Civil Engineering College of Engineering
John James Dougherty, Jr., Fairborn
B.S. (United States Air Force Academy)
Field of Specialization: Biophysics

Ravinder Nath Dua, Delhi, India
B.S. (University of Delhi)
Field of Specialization: Civil Engineering

Roland Roy Dute, South Amherst
B.S.
Field of Specialization: Rotatory Engineering

Richard Gerald Edison, Columbus
B.A.
Field of Specialization: Computer and Information Science

Donald Ross Edmonston, Dayton
B.S. (United States Military Academy)
Field of Specialization: Electrical Engineering

D'Aun Terry Waggoner Edmunds, Monterey Park, Calif.
B.S. (California State Polytechnic College)
Field of Specialization: Geodetic Science

James Eugene Ellis, Warren
B.S.
Field of Specialization: Zoology

Martha Anne Hill Evans, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Donna Lou Eyster, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Nursing

Steven Douglas Falls, Bowling Green
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Louis Joseph Piazio, Palisade, N. J.
D.M.D. (New Jersey College of Medicine and Dentistry)
Field of Specialization: Dentistry

Joseph R. Fiedler, Kettering
A.B. (Harvard University)
Field of Specialization: Mathematics

Philip Doyle Flenner, Mansfield
B.W.E.
Field of Specialization: Welding Engineering

Richard Banbury Ford, Brecksville
B.S.Agr., D.V.M.
Field of Specialization: Veterinary Physiology and Pharmacology

George Stuart Frahm, Frankenmuth, Mich.
Field of Specialization: Welding Engineering

Carl Grover Frederic, Jr., Cleveland
B.A. (Ohio Wesleyan University)
Field of Specialization: Nuclear Engineering

*Albert Allen Freeman, Marysville
Field of Specialization: Welding Engineering

Garth Bowen Freeman, Atlanta, Ga.
B.S. (Georgia Institute of Technology)
Field of Specialization: Physics

Richard Harry French, Chillicothe
B.C.E.
Field of Specialization: Civil Engineering

Ronald Lee Fuller, Columbus
B.S.Agr.
Field of Specialization: Agricultural Education

Elmer Joseph Fundermark, Conneaut
B.S.Agr.
Field of Specialization: Agricultural Education

B.S. (New Mexico State University)
Field of Specialization: Chemistry

Mary Jo Gerst, Athens
B.S.Ed., B.S.H.E. (University of Cincinnati)
Field of Specialization: Home Economics

Frederick Dale Glasser, Pittsburgh, Pa.
B.S. (Otterbein College)
Field of Specialization: Chemistry

Barbara Ann Good, Seville
B.S. (Baldwin-Wallace College)
Field of Specialization: Home Economics

Peter Harold Greaney, Salisbury, Mass.
B.A. (State College at Bridgewater)
Field of Specialization: Geology

Anne Louise Greiner, Webster City, Ia.
B.S. (University of Iowa)
Field of Specialization: Pathology

John Ronald Grischow, Struthers
B.A. (Brown University)
Field of Specialization: Physics

David Ross Gross, Columbus
B.S., D.V.M. (Colorado State University)
Field of Specialization: Veterinary Physiology and Pharmacology

David Paul Grubb, West Chester
B.S.E.E.
Field of Specialization: Nuclear Engineering

Karl John Hagedorn, Cleveland
B.S.Agr.
Field of Specialization: Agricultural Education

Sarah Anne Halliburton, Murfreesboro, Tenn.
B.S.Nurs. (Saint Louis University)
Field of Specialization: Nursing

Kenneth Roger Hanby, Walthington
B.S. in Ch.E. (Lehigh University)
Field of Specialization: Metallurgical Engineering

Rodney Keith Hannah, Barberton
B.S. in Edu. (Kent State University)
Field of Specialization: Mathematics

Gwendolyn Thompson Hedgepeth, Orangeburg, S. C.
B.S.H.E. (South Carolina State College)
Field of Specialization: Home Economics

Linda Diane Heding, Brookside, N. J.
B.S. (Elizabethtown College)
Field of Specialization: Microbiology

Norman Carl Henderson, Woodbury, N. J.
B.Sc. in M.E. (Drexel Institute of Technology)
Field of Specialization: Mechanical Engineering

Floyd Roger Hess, Jr., Mt. Vernon
R.E.E.
Field of Specialization: Electrical Engineering

Katherine Ann Hess, Columbus
B.S.
Field of Specialization: Physiology

* Also Bachelor of Welding Engineering, College of Engineering
Sister Margaret Mary Hite, Louisville, Ky. M.S.Nurs. (Catherine Spalding College) Field of Specialization: Nursing

Arthur Woodward Hoadley, Columbus B.S.A.A.E. Field of Specialization: Aeronautical and Astronautical Engineering

Danny Eugene Humphrey, Johnstown B.S.Agr. Field of Specialization: Agricultural Education

Lawrence James Huttsell, Dayton B.S. (University of Louisville) Field of Specialization: Computer and Information Science

John F. Isner, Bronx, N. Y. B.S. (City College, New York) Field of Specialization: Geodetic Science

Jay Richard Jackson, Columbus B.S.Ed. (Bowling Green State University) Field of Specialization: Computer and Information Science

Sondra Ann Johnston, East Liverpool B.S.Nurs. Field of Specialization: Nursing

David Alan Jones, Defiance B.S.Agr. Field of Specialization: Agricultural Education

Edward Grant Kar, Ambler, Pa. B.S. Field of Specialization: Biochemistry

Pateh Karan, Pali, India B.S. (University of Rajasthan) M.S. (Indian Agricultural Research Institute) Field of Specialization: Agronomy

Daniel Eugene Kimmet, Delphos B.S.M.E. Field of Specialization: Mechanical Engineering

Mary Ann Klein, West Seneca, N. Y. B.S. (Cornell University) Field of Specialization: Home Economics

John Knowles, Wobington, Cheshire, England B.S. (Birmingham University, England) Field of Specialization: Chemistry

Miriam Miller Knowles, Akron A.B. (West Liberty State College) Field of Specialization: Home Economics

John Douglas Kueck, Omaha, Neb. B.S. (Purdue University) Field of Specialization: Electrical Engineering

Thomas Henry Lapp, Fort Wayne, Ind. B.S. in Dentistry, D.D.S. (Indiana University) Field of Specialization: Dentistry

Young Jack Lee, Seoul, Korea B.S.E. (Seoul National University) Field of Specialization: Statistics

Neal Va Leinbach, Castalia B.S.Agr. Field of Specialization: Agricultural Education

George Clark Letton, Jr., Paris, Ky. B.S.M.E. (University of Kentucky) Field of Specialization: Mechanical Engineering

Ronald Gene Linaburg, Monongahela, Pa. B.S., D.M.D. (University of Pittsburgh) Field of Specialization: Dentistry

Charles Howard Lincoln, Fayetteville, N. C. B.S. (University of North Carolina, Chapel Hill) Field of Specialization: Mathematics

William Kirk Lindsay, Columbus B.S.Agr. Field of Specialization: Natural Resources

Pamela Morse Maleneec, Shelby B.S.Nurs. Field of Specialization: Nursing

Walter Donald Mast, Defiance B.S.M.E. Field of Specialization: Mechanical Engineering

Jun Matsumura, Midorik, Japan Bach. of Engs. (University of Electro-Communications) Field of Specialization: Computer and Information Science

Frank F. Matthews, Westlake B.S. (California Institute of Technology) Field of Specialization: Mathematics

Albert Quince McGee, Westerville B.S. (Howard University) Field of Specialization: Physics

David Joel Miller, Chlewah, Wash. B.S. (Oregon State University) Field of Specialization: Computer and Information Science

Robert John Milroy, Huntsville B.S.Agr. Field of Specialization: Animal Science

Walter Joseph Mireczak, Shady Side B.S. (University of Kentucky) Field of Specialization: Aeronautical and Astronautical Engineering

William Stonehart Moore, Norman, Okla. B.S. (Mississippi College) M.D. (University of Tennessee) Field of Specialization: Preventive Medicine

Marshal A. Moser, Jr., Wren B.S.Ed. Field of Specialization: Zoology

William Alan Moth, Chittenango, N. Y. B.S. (New York State University College, Cortland) Field of Specialization: Zoology

Sally Burton Murray, Columbus B.S.Nurs. (University of Michigan) Field of Specialization: Nursing

Linbeth Fay Myko, Youngstown B.A. (Bowling Green State University) Field of Specialization: Agricultural Economics and Rural Sociology

\* Also Bachelor of Mechanical Engineering, College of Engineering
\* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>University/Institution</th>
<th>Field of Specialization</th>
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<tbody>
<tr>
<td>Titakudi Jagannath Natarajan</td>
<td></td>
<td>Madras, India</td>
<td>B.E. (University of Madras); M.E. (Indian Institute of Science)</td>
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<td>Field of Specialization: Welding Engineering</td>
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<td>Carol Ann Neff, Columbus</td>
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<td>B.S. (University of Cincinnati)</td>
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<td>Field of Specialization: Veterinary Physiology and Pharmacology</td>
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<td>Kife Negash, Dire Daw, Ethiopia</td>
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<td>B.S. (Haile Sellassie I University)</td>
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<td>Field of Specialization: Agricultural Economics and Rural Sociology</td>
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<td>Karen Lawler Ottenweller,</td>
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<td>B.S. (University of Oklahoma)</td>
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<td>Field of Specialization: Nursing</td>
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<td>Alzada Hazel Oliver, Cushing, Okla.</td>
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<td>B.S.Nurs. (University of Oklahoma)</td>
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<td>Aisada Hazel Oliver, Cushing, Okla.</td>
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<td>James Nicholas Scott, Bainbridge</td>
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<td>Field of Specialization: Aeronautical and Astronautical Engineering</td>
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<td>Nancy Ann Rich, Youngstown</td>
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<td>Field of Specialization: Pathology</td>
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<td>Jane Robinson, Roslyn, N. Y.</td>
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<td>B.S. (Pennsylvania State University)</td>
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<td>Field of Specialization: Home Economics</td>
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<td>Frederick Colson Rodgers, Cheshire</td>
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<td>B.S.A.A.E.</td>
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<td>Field of Specialization: Aeronautical and Astronautical Engineering</td>
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<td>Thomas Joseph Rosenbeck,</td>
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<td>B.S. (Georgia Institute of Technology)</td>
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<td>Field of Specialization: Computer and Information Science</td>
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<td>John Arthur Rumberger, Jr., Lisbon</td>
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<td>B.E.E.</td>
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<td>Field of Specialization: Electrical Engineering</td>
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<td>B.S. (University of Alaska)</td>
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<td>Field of Specialization: Nursing</td>
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<td>Larry Wayne Pinkley, Grafton</td>
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<td>B.S. (University of Cincinnati)</td>
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<td>Field of Specialization: Physics</td>
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<td>Richard Allan Pruden, Geneva</td>
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<td>B.S. (University of Cincinnati)</td>
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<td>Field of Specialization: Agricultural Education</td>
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<td>James Alan Raftery, Canton</td>
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<td>A.B. (Stanford University); M.B.A. (Columbia University)</td>
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<td>Field of Specialization: Computer and Information Science</td>
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<td>Stanley Louis Ream, Hartville</td>
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<td>Field of Specialization: Veterinary Physiology and Pharmacology</td>
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<td>B.S. (University of Arizona)</td>
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<td>Field of Specialization: Natural Resources</td>
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<td>B.S. (University of Arizona)</td>
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<td>Field of Specialization: Natural Resources</td>
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<tr>
<td>Michelle Minyard Schwartz,</td>
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<td>Kansas City, Mo.</td>
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<td>B.A. (Park College)</td>
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<td>Field of Specialization: Chemistry</td>
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<td>Beryl Gallagher Scott, Worthington</td>
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<td>B.S.Nurs.</td>
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<td>Field of Specialization: Nursing</td>
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<td>James Nicholas Scott, Bainbridge</td>
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<td>B.S.A.A.E.</td>
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<td>Field of Specialization: Aeronautical and Astronautical Engineering</td>
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<td>Martha Elizabeth Scovino, Camp Hill, Pa.</td>
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<td>B.A. (Pennsylvania State University)</td>
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<td>Field of Specialization: Home Economics</td>
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<td>Sharon Stout Seazle, Columbus</td>
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<td>Donald Francis Sebian, Painesville</td>
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<td>Field of Specialization: Mechanical Engineering</td>
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<td>William John Sederowitz, North Plainfield, N. J.</td>
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<td>B.E.E., M.E.E. (Catholic University of America)</td>
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<td>Field of Specialization: Computer and Information Science</td>
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<td>Brady Llewellyn Shafer, Dunbar, W. Va.</td>
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<td>B.A. (Evansville College); M.A. (Louisiana State University and Agricultural and Mechanical College)</td>
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<td>Field of Specialization: Mathematics</td>
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<td>Susanne Elaine Shaefer, Tacoma, Wash.</td>
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<td>Robert Condon Shaeck, Columbus</td>
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<td>Field of Specialization: Mechanical Engineering</td>
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<td>Norman Richard Schneider, Dorrance, Kan.</td>
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<td>B.S., D.V.M. (Kansas State University of Agriculture and Applied Science)</td>
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<td>Field of Specialization: Veterinary Physiology and Pharmacology</td>
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<td>Henry Ludwig Schulte, Jr., Columbus</td>
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<td>Robert Condon Shaeck, Columbus</td>
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<td>Field of Specialization: Mechanical Engineering</td>
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<td>Frank Sheranko, Chardon</td>
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<td>A.B., M.A. (Western Reserve University)</td>
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<td>Field of Specialization: Zoology</td>
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<td>Vicki Lynn Gerichick Sherrow, Salem</td>
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<td>B.S.Nurs.</td>
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<td>Field of Specialization: Nursing</td>
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</table>

* Also Bachelor of Welding Engineering, College of Engineering

+ Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

+ Also Bachelor of Mechanical Engineering, College of Engineering
Steven John Strubarik, Barberton  
B.E.E.  
Field of Specialization: Electrical Engineering

Sing-Hua Cynthia Sun,  
Taipei, Taiwan  
B.S. (National Taiwan University)  
Field of Specialization: Home Economics

John Terrence Tesson, St. Louis, Mo.  
B.S. (University of Missouri)  
Field of Specialization: Metallurgical Engineering

Noboru Togawa, Tokyo, Japan  
B.E. (University of Tokyo)  
Field of Specialization: Electrical Engineering

Lillian Lai Lam Tsye, Hong Kong  
B.A. (Ohio Wesleyan University)  
Field of Specialization: Mathematics

Martina Rose Varian, Columbus  
B.S.E.E.  
Field of Specialization: Home Economics

Michael William Velten, Columbus  
B.S.  
Field of Specialization: Computer and Information Science

Robert James Walker, Massillon  
B.S.  
Field of Specialization: Agricultural Engineering

Hsich Chang Wang, Taipei, Taiwan  
B.S. (National Taiwan University)  
Field of Specialization: Civil Engineering

William Joseph Waters, Rockville, Md.  
B.S. (College of the Holy Cross)  
Field of Specialization: Preventive Medicine

Robert Lee Weather, Covington, Ky.  
B.S. (United States Military Academy)  
Field of Specialization: Mechanical Engineering

Jon David Weerts, Stone Park, Ill.  
B.S. in Ed. (Concordia Teachers College)  
Field of Specialization: Mathematics

Thomas George Weidner,  
Salt Lake City, Utah  
B.S. (University of Utah)  
Field of Specialization: Computer and Information Science

Allan Lund Wejbjerg, Newark  
Diploma (Sonderborg Engineering College, Denmark)  
Field of Specialization: Mechanical Engineering

Jolyne White, Columbus  
B.S.  
Field of Specialization: Home Economics

James Harold Whitman,  
Southboro, Mass.  
B.A. (Ohio Wesleyan University)  
Field of Specialization: Physics

James Alan Wimer, Hillsboro  
B.S. Agr.  
Field of Specialization: Agricultural Education

Ignacio Ngo Yao,  
Pasay City, Philippines  
B.S. (De La Salle College)  
Field of Specialization: Industrial Engineering

Steven Dwight Yoder,  
Temple City, Calif.  
B.A.  
Field of Specialization: Agricultural Economics and Rural Sociology

Takashi Yoshinaga, Tokyo, Japan  
B.S. (Kobe University)  
Field of Specialization: Aeronautical and Astronautical Engineering

Loren Jones Young, Bremen  
B.S. Agr.  
Field of Specialization: Agricultural Education

Master of Social Work

Two candidates

Ivan Ronald Cohen, Columbus  
B.A.  
Field of Specialization: Social Work

Christine Jo Hurstel, Kokomo, Ind.  
B.A. (De Pauw University)  
Field of Specialization: Social Work
Colleges of the Arts and Sciences
Chairman, Coordinating Council of Deans: Arthur E. Adams
Vice Provost for the Arts and Sciences: Robert G. Arns

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

**College of The Arts**
Dean: Lee Rigsby

**Bachelor of Arts**
Five candidates

James Vernon Barnhill, Gahanna
Margaret Mary Carpenter, Columbus
Annette Lynn Kirby, Crestline
Arvid Lotar Lepke, Hudson
Phyllis Ann Petersen, Worthington

**Bachelor of Fine Arts**
Twenty-two candidates

Isabel A. Berkelhammer, Brooklyn, N. Y.
Jennie Lou Clouse, Columbus
Timothy J. Davis, Columbus
Dorothy Jeanine Donahwe, Worthington

**College of Biological Sciences**
Dean: Richard Behning

**Bachelor of Arts**
Six candidates

George Stephen Cochran, Napoleon
Robert Mark Hoover, Columbus
James Anthony Joy, Youngstown
Olga Maria Petrovic, Columbus

Therese Woerner McGarity, Worthington
Sandra Lee Michalap, East Brunswick, N. J.
Dolly Miller, Columbus
Linda Lee Milligan, Marion
Karen Letsinger Moore, Columbus
Darlene Agnes Nossack, Norwalk
Sue Ann Pollock, Columbus
Virgil Wayne Redmon, Columbus
Russell John Rigo, Elyria

**Bachelor of Science**
Forty-one candidates

Justin Ansell, Orlando, Fla.
Kathy Haering Bakenhaster, Columbus
Enid Anderson Barry, Columbus
John Alan Bartlett, Dayton
Louis Paul Beshara, Columbus
Walter Charles Blackham, Columbus
Dan Howard Constable, Cincinnati
Thomas Marmion Dymoke Cotner, Columbus
Gary Myron Gibson, Fairborn
Gordon Goldsmith, Cliffside Park, N. J.
Ted Howard Hamilton, Barberton
David Scott Harper, Galena
Larry William Heidkamp, Fort Recovery
Glenn Merle Herringshaw, Columbus
Gary Lee Kirkpatrick, Mansfield
Thomas Andrew Klina, Parma
Donald Lee Knowles, Columbus
Bruce William Kranz, Bay Village
Mary Lou Lauer, Prospect
James Wesley Libby, Washington C. H.
Lorena H. Lui, New York, N. Y.
Gerald Lawrence Miller, Columbus
Stella Yvonne Monday, Unionsdale
James Orville Morris, Columbus
William Lee Morrison, Millersburg
John Eric Nimitz, Columbus
Jon Frederick Ort, Worthington
Geno Anthony Patrick, Highland Heights

**Bachelor of Science in Industrial Design**
One candidate

Paul Lupe Obregon, Columbus

**College of Humanities**
Dean: Arthur E. Adams

**Bachelor of Arts**
Six candidates

George Stephen Cochran, Napoleon
Robert Mark Hoover, Columbus
James Anthony Joy, Youngstown
Olga Maria Petrovic, Columbus

David Fred Poeppelman, Yorkshire
Charles Richard Ryan, Springfield

**Bachelor of Music**
Four candidates

Randolph Deyo Love, Norwalk
Linda Ann Nichols, Columbus
Michael Alan Rabey, Springfield
Kenneth Eugene Short, Columbus

**College of Mathematics and Physical Sciences**
Dean: Colin B. B. Bull

**Bachelor of Science**
Forty-one candidates

Justin Ansell, Orlando, Fla.
Kathy Haering Bakenhaster, Columbus
Enid Anderson Barry, Columbus
John Alan Bartlett, Dayton
Louis Paul Beshara, Columbus
Walter Charles Blackham, Columbus
Dan Howard Constable, Cincinnati
Thomas Marmion Dymoke Cotner, Columbus
Gary Myron Gibson, Fairborn
Gordon Goldsmith, Cliffside Park, N. J.
Ted Howard Hamilton, Barberton
David Scott Harper, Galena
Larry William Heidkamp, Fort Recovery
Glenn Merle Herringshaw, Columbus
Gary Lee Kirkpatrick, Mansfield
Thomas Andrew Klina, Parma
Donald Lee Knowles, Columbus
Bruce William Kranz, Bay Village
Mary Lou Lauer, Prospect
James Wesley Libby, Washington C. H.
Lorena H. Lui, New York, N. Y.
Gerald Lawrence Miller, Columbus
Stella Yvonne Monday, Unionsdale
James Orville Morris, Columbus
William Lee Morrison, Millersburg
John Eric Nimitz, Columbus
Jon Frederick Ort, Worthington
Geno Anthony Patrick, Highland Heights

**College of Social and Behavioral Sciences**
Dean, Franklin P. Kilpatrick

**Bachelor of Science**
Forty-one candidates

Justin Ansell, Orlando, Fla.
Kathy Haering Bakenhaster, Columbus
Enid Anderson Barry, Columbus
John Alan Bartlett, Dayton
Louis Paul Beshara, Columbus
Walter Charles Blackham, Columbus
Dan Howard Constable, Cincinnati
Thomas Marmion Dymoke Cotner, Columbus
Gary Myron Gibson, Fairborn
Gordon Goldsmith, Cliffside Park, N. J.
Ted Howard Hamilton, Barberton
David Scott Harper, Galena
Larry William Heidkamp, Fort Recovery
Glenn Merle Herringshaw, Columbus
Gary Lee Kirkpatrick, Mansfield
Thomas Andrew Klina, Parma
Donald Lee Knowles, Columbus
Bruce William Kranz, Bay Village
Mary Lou Lauer, Prospect
James Wesley Libby, Washington C. H.
Lorena H. Lui, New York, N. Y.
Gerald Lawrence Miller, Columbus
Stella Yvonne Monday, Unionsdale
James Orville Morris, Columbus
William Lee Morrison, Millersburg
John Eric Nimitz, Columbus
Jon Frederick Ort, Worthington
Geno Anthony Patrick, Highland Heights

**College of Education**

Bachelor of Education, Bachelor of Art Education, Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education

Candidates are listed on page one hundred and thirteen

**College of The Arts**
Dean: Lee Rigsby

**Bachelor of Arts**

James Vern Barbi, Gahanna
Margaret Mary Carpenter, Columbus
Annette Lynn Kirby, Crestline
Arvid Lotar Lepke, Hudson
Phyllis Ann Petersen, Worthington

**College of Biological Sciences**
Dean: Richard Behning

**Bachelor of Arts**

George Stephen Cochran, Napoleon
Robert Mark Hoover, Columbus
James Anthony Joy, Youngstown
Olga Maria Petrovic, Columbus

David Fred Poeppelman, Yorkshire
Charles Richard Ryan, Springfield

**Bachelor of Science**

Justin Ansell, Orlando, Fla.
Kathy Haering Bakenhaster, Columbus
Enid Anderson Barry, Columbus
John Alan Bartlett, Dayton
Louis Paul Beshara, Columbus
Walter Charles Blackham, Columbus
Dan Howard Constable, Cincinnati
Thomas Marmion Dymoke Cotner, Columbus
Gary Myron Gibson, Fairborn
Gordon Goldsmith, Cliffside Park, N. J.
Ted Howard Hamilton, Barberton
David Scott Harper, Galena
Larry William Heidkamp, Fort Recovery
Glenn Merle Herringshaw, Columbus
Gary Lee Kirkpatrick, Mansfield
Thomas Andrew Klina, Parma
Donald Lee Knowles, Columbus
Bruce William Kranz, Bay Village
Mary Lou Lauer, Prospect
James Wesley Libby, Washington C. H.
Lorena H. Lui, New York, N. Y.
Gerald Lawrence Miller, Columbus
Stella Yvonne Monday, Unionsdale
James Orville Morris, Columbus
William Lee Morrison, Millersburg
John Eric Nimitz, Columbus
Jon Frederick Ort, Worthington
Geno Anthony Patrick, Highland Heights

**College of Humanities**
Dean: Arthur E. Adams

**Bachelor of Arts**

George Stephen Cochran, Napoleon
Robert Mark Hoover, Columbus
James Anthony Joy, Youngstown
Olga Maria Petrovic, Columbus

David Fred Poeppelman, Yorkshire
Charles Richard Ryan, Springfield
Robert Frank Wulfhorst, Delphos
Rudy Allan Yoant, Pleasant Hill

College of Humanities
Dean: Arthur E. Adams

Bachelor of Arts
Sixty-nine candidates

Robert Harley Barstow, Columbus
Christine Schmidt Baughman, Columbus
Mary Patricia Behan, Chagrin Falls
Rene Bell Biel, Columbus
Lynn Martin Blaha, Newark
Wendy Turrell Bogner, Columbus
Kathy Sue Bower, Columbus
Joan Catherine Brandt, Columbus
James Michael Cadwell, PERRYSBURG
Charles Jacob Cape, Westerville
Donna Marie Careen, Delaware
Tennie Patrick Carr, Columbus
Jeffrey James Carter, Bridgeport
Louis William Centano, Columbus
Christopher F. Cowan, ELYRIA
Elyria
David Allan Fink, Lima
Stephanie Ann Forrester, Columbus
Geoffrey Edwin Fuller, Columbus
Teni Garment, Fort Lee, N.J.
Dennis Bruce Gease, Columbus
Donna Lynne Gray, Woodmere, N.Y.
Michael Joseph Grubbs, Lima
Mary Jane Harris, Newark
Terrence James Hickernell, Lakewood
Patricia Winther Johnston, Maumee
Richard William Knipp, Bellefontaine
Barbara Wynn Knox, Lockbourne AFB
Richard David Lomaz, Beachwood
Kadine Catherine Lovelace, Columbus
Ben Arthur Lytle, Jr., Columbus
Margaret Elizabeth McCormick, Lincoln Park, Mich.
Cathleen Mary Murnane, Columbus
Christopher Paul Noon, Canton
Joyce Marsh Osbom, SYRACUSE, N.Y.
William Trent Pancoast, Galion
Dean Gerald Pavlic, Akron
Robert Miller Peterson, Columbus
Adam Daniel Pergullini, STEUBENVILLE
Jesse Parvis Pippins, Baldwyn, Miss.
Ronald Creighton Proffitt, Columbus
Mary Frances Raver, PATAKALA
Edith Smith Reed, Mansfield

Patrick William Rekart, Delphos
Stephen Paul Rigby, Worthington
Claire Kennedy Ritzler, Marion
John David Robertson, Findlay
Steve Allen Robinson, Columbus
Judith Ann Root, Columbus
James Dennis Ross, Columbus
Ellynahne Roussos, Columbus
John Mark Row, Columbus
Gary Glen Sattelmeyer, Columbus
Neil Herbert Schneiderman, South Euclid
Paul Francis Schodorf, Columbus
Robert Dale Schweickart, Columbus
Samuel Douglas Sewell, PHOENIX, Ariz.
Alan Irwin Silver, Shaker Heights
Susan Ann Sullivan, Ashland
Nancy Summers, Columbus
Jeffrey David Swartz, Toledo
Linda Diane Taylor, Columbus
Timothy Lee Thackston, Columbus
Dona Claire Thompson, Berea
Charlotte Helene Vaughan, Salem
Jean Goldsberry Warren, Columbus
Terry Glenn Washburn, East Monroe
Gregory Vaughan Wilson, Leisure City, Fla.
Carl Warren Winters, Carrollton
Anthony Thomas Zanetos, Delaware

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

Bachelor of Arts
Ten candidates

"Martha Jane Augsburger, Bluffton
Beverly Ann Hanhart, Newark, N.J.
Steven Kaye, Parma
B.S.Ed.
Edward Allen Kendall, Cincinnati
Darryl John McCullough, Columbus
Donald Goodwin O'Brien, Westerville
Brenna Aileen Perry, Delanson, N.Y.
Richard John Serba, Lakewood
Michael Edward Uhli, Cincinnati
John VonKamp, New London

Bachelor of Science
Thirty candidates

Joseph Irvin Adams, Jr., ROYERSFORD, Pa.
Michael Eugene Allen, Mansfield
Robert George Amonovitz, Toledo
James Timothy Bailey, New Lexington
Lynn Suzanne Bittinger, Mansfield
Richard David Bowen, Euclid
Ronald Lynn Bowman, Kettering
Robert Winston Burkhardt, Columbus
Joseph Herbert Carpenter, II, Columbus
Vincent Ying Chin, Columbus
Stephen Alan Chupp, Smithville
Gordon Francis Cikra, Cleveland Heights
Douglas Bernard Clark, Sodon
Russell Ivan Dresbach, Zanesville
Charles Richard Giehrer, Westmont, N.J.
Michael Lee Grant, Circleville
William Joseph Haffey, Partris Island, S.C.
Paul Allen Hoffman, Grove City
Larry Keith Holland, Spring Valley
Terry Ned Myers, Medina
Danny Gaylon Pace, Rushville
Henry Richard Povolny, Columbus
Alan Michael Prenoveau, Columbus
Jeffrey Ian Saeks, Dayton
Dale Joseph Schoeder, Ottawa
Robert Berry Shumian, Cincinnati
Mark Edward Thomen, Columbus
Cheryl Hollandbacher Virginia, Sidney
Roger Wayne Webb, Columbus
Thomas Philip Welsh, Columbus

College of Social and Behavioral Sciences
Dean: Franklin P. Kilpatrick

Bachelor of Arts
One hundred and fifty-five candidates

Donna Ryan Abram, Columbus
Wallace Bruce Achenbach, Columbus
Stephen Anthony Adams, Columbus
Sheldon Tyrone Anderson, Miami, Fla.
Richard Thomas Anthony, SYLVANIA
Douglas Alan Baker, Grove City
Gregory Allen Baker, Shelby
Jeanette Louise Ball, Columbus
Kathleen Nash Beatty, CUYAHOGA FALLS
William Everett Beavers, Columbus

*Also Bachelor of Science in Education, College of Education
Bonny Sue Beckerman, Highland Park, Ill.
Mary Anne Bell, Columbus
John Thomas Belton, Granville
Martha Fisher Bolton, Columbus
Jose Raman Borras, Condado, Puerto Rico
Bruce LeRoy Byers, Columbus
Robert Morris Campbell, Columbus
Teresa Lynne Casselberry, Dayton
Rick Ceedar, Columbus
Randall Elliott Cesco, Branch Hill
Courtland Eugene Clark, Gibsonburg
Marguerite Marie Connerton, Alexandria, Va.
Jon Charles Cook, Park Ridge, Ill.
Nancy Louise Cook, Rocky River
Donald Leslie Corwin, Rushsylvania
Robert James Cristiano, Cleveland
Minu Juntion
David Paul Davis, Waverly
Jeffrey Robert Day, Columbus
James Bernard Demide, Troy
Sara Beth DeMuth, Hicksville
Jon Selden DeWitt, Columbus
Karen Ann Dietch, Columbus
Cert Grad Dent Hyg.
Maureen Elizabeth Doherty, Solon
Gay Ilana Doner, Waverly
Susan Lynn Dragovich, Dover
Joseph Early Elliot, H., Piqua
David Martin Ellis, Zanesville
Betty Jean Ervin, Savannah, Ga.
Karen Fulker Eye, Columbus
Alan Ralph Falk, Columbus
Gale Epstein Feldstein, Columbus
David Robert Ferris, Columbus
Larry Joe Finley, Cuyahoga Falls
Joel Usa Fisher, Bayside, N. Y.
Lawrence Lewis Follanbee, Columbus
Harvey James Ford, Columbus
John Alan Gabelman, Columbus
David Francis Galvin, Columbus
Daniel Lee Gates, Columbus
Mary Louise Georigion, Columbus
William Ewing Gibb, Columbus
Cynthia Kay Girkina, Toledo
Julie Ann Gramm, Columbus
Ron Usa Gross, South Euclid
Steven Alan Gutter, Columbus
Connie Marie Haus, Perrysburg
Dennis Peter Hamernick, Patchogue, N. Y.
Richard Allan Haneyok, Mentor
Robert Eugene Harbron, Hamilton
Deborah Jean Harrington, Cranston, R. I.
John Theodore Harris, Columbus
Barbara Bay Haynes, Columbus
Barbara Ann Herman, Youngstown
Bruce Alan Hertz, Cincinnati
James Owen Hicks, Columbus
Donna Mercedes Holt, Columbus
Stephen Gregory Horodyski, Kinsman
Deborah Jo House, Columbus
John David Hvizdos, Columbus
Bruce David Innes, Fairview Park
Gary Robert Irsof, Akron
William Harold Jackson, Ashland
Deborah Elizabeth Jerd, Miamisburg
John Terrance Johnson, West Union
Barbara Sue Kantan, Sidney
Seryl Colleen Katter, Wapakoneta
Ellen Katz, Forest Hills, N. Y.
John Daniel Keppel, Columbus
Linda Sue Kerns, Fremont
Carl Joseph King, East Liverpool
Louis Frank Komaroy, North Canton
Carol Ann Kuenle, Dayton
Theodore Rudolph Kurs, Poland
Neil Joseph Larrimer, Columbus
Robert Aldro Lingard, Columbus
David Edward Linn, Toledo
Frank Joseph Macke, Ottawa
Frank Mark Maler, Bellefontaine
Larry Alan Marks, Dayton
Gregory Alan Mapes, Columbus
Ronnie Lynn Marks, Akron
Thomas Wesley Marling, Columbus
Franklin H. Marshall, Columbus
Joseph William Marshall, Columbus
Dale Robert McArdle, Maple Heights
George Walter McKerrow, Jr., Westlake
James Richard Melton, Alexandria
Dennis Lloyd Melson, Shaker Heights
Norman Dennis Milford, Jr., Doylestown
Carol Anne Miller, Columbus
Charles Keller Milless, Columbus
Mark Keinath Milligan, Coshocton
Beverly Windy Minor, Columbus
Barbara Elinor Moore, Hurite
Roger Albert Moore, Jr., Columbus
John Charles Murphy, Middletown
Katherine Nicholas, Urbana
Paul Ernesto Nielsen, Columbus
Linda Kay Norris, Columbus
Shirlee Ann Obozcki, Willowick
Thomas Leland Pearseon, Shaker Heights
Richard Laurence Petty, Jr., Columbus
Carmen Robert Poliseno, Columbus
Judith Ellen Pollard, Livingston, N. J.
Charles James Rawlins, Columbus
Anderson Eugene Reed, Columbus
Bruce Eugene Reid, Orient
Ronald Taylor Richard, Grove City
James Michael Ridenour, Columbus
B. S. Bus. Adm.
Robert David Ridonour, Piqua
Carol Ann Ritter, Foxboro, Mass.
Roberta Jane Ross, Greenville
Kevin George Rusnak, Columbus
Mary Ann Salcetti, Pittsburgh, Pa.
Carol Lee Sauer, Columbus
George Stephen Scherer, Annandale, Va.
Thomas Howard Schottenham, Columbus
Louis Howard Schuster, Waterbury, Conn.
Helen Ann Shaw, Gautier, Miss.
Jeffrey Alexander Shively, Rocky River
Donna Rae Sidwell, Englewood
Patricia Helen Silas, Kettering
Catherine Ann Simone, Cleveland
Jeffrey Vernen Smith, Columbus
Michael David Smith, Coshocton
Robert Edward Smith, Columbus
Wayne Fredric Sperber, Strongsville
Jeffrey Lynn Steele, Columbus
Lois Prufty Stevens, Columbus
David Philip Sunderman, Pindlay
Gary Franklin Suttles, Dayton
Richard John Szekelyi, Columbus
Alice Therese Touschner, University Heights
Richard Edward Ungar, Youngstown
Elena Ann Virca, Warren
Lawrence Allan Waite, Independence
Pamela Messer Weitzel, Reynoldsburg
Wendell Ray Wethington, Cincinnati
Howard Ernest White, Malta
Reginald Alan Wilkinson, Cleveland
David Yonas, Beachwood
John Zatroch, Cleveland
Richard John Zatroch, Glen Rock, N. J.
Aloysius Zellner, Columbus

Bachelor of Science
Nineteen candidates

John Richard Beach, Columbus
Robert Eugene Brannum, Columbus
Karen Lynn Brown, Columbus
Talla Lee Casper, Cincinnati
Alan Raymond Deene, Parma
Pamela Bett Ellwanger, Columbus
James Kenneth Evans, Fairview Park
College of Administrative Science
Dean: James R. McCoy

Kathleen Bridgett Ferrara, Greenwich, Conn.
Joyce Ann Courson Goodman, Newark
Craig Charles Henschen, Alliance
Vincent Dru Johnson, Columbus
Gregg James Karbo, Bellbrook
Thomas Dee Luten, Youngstown
Aradath Ann McDermott, Fairfield
Donald McPhail Mosley, White Plains, N. Y.
Carolyn Kintz Nienhuis, Delaware
Betty Everman Pierce, Bellville
Thomas Marvin Rossmann, Washington C. H.
Debra Lee Wolinsky, West Long Branch, N. J.

School of Journalism

Bachelor of Arts in Journalism
Seventeen candidates

Barbara Evelyn Beniak, Greenfield, Wis.
John Roger Bolton, Cincinnati
Linda Ann Brenner, Hanoverton
John Douglas Brookhart, Newark
Samuel Shoemaker Calhoon, Hilliard
Linda Susan Crossley, Columbus
Robert Raymond Furbee, Hillsboro
Linda Lee Howard, Heath
Andrea Elizabeth Hert, Columbus
Alice Erika Lapavitsky, Toledo
Vicky Anne Lee, Columbus
Mark Allen Lott, Columbus
Jennie Lou Phipps, Dayton
Mary Louise Roth, Oxford
Marilyn Kay Segal, University Heights
Mark Anthony Smith, Lancaster
Cynthia Ann Starr, Middletown

Bachelor of Science in Business Administration
One hundred and thirty-two candidates

James Lee Allenworth, Steubenville
David William Arms, Delta
James William Baehren, Toledo
Gary Edward Baird, Columbus
John Robert Baker, Vandalia
Dean David Barr, Columbus
Mark Lindsey Bennett, Jr., Dayton
Robert Earl Berger, Columbus
Kenneth Lee Blasimian, Lakewood
John William Brennan, Columbus
Sidney Lee Brooks, Amherst, N. Y.
Jeffrey Charles Brown, Mechanicsburg, Pa.
Bruce Allen Burney, Jeromeville
George Wilson Burton, Dayton
Jack Stephen Carson, Montpelier
Frank John Chasler, Akron
John Neeley Cichowicz, Lakewood
Ralph Minor Cox, Jr., Columbus
Alan Bruce Cutting, Jr., Wyoming
Edwin Abel Daves, Cleveland
LeRoy Eugene DeBrosse, Dayton
Mark Alan Dembaki, West Jefferson
David Joseph Dillon, Bloomfield, N. J.
James Elias Doomey, Columbus
Theodore John Dupaski, Columbus

LeRoy Joseph Duriget Dyer, Lorain
Stephen J. Edmunds, Columbus
DonaldNorman Edward, Columbus
Lon L. Ehrehart, Columbus

B.S. Ed. (Millersville State College, Pennsylvania)

Steven Mark Eisenberg, Columbus
Charles Peterson English, III
Chargin Falls

Peter Epstein, Cleveland Heights
Lyle Ray Essinger, Dola
Ralph Rader Feamster, Jr., Columbus
James Michael Gable, Cuyahoga Falls
William Richard Gardner, Cleveland
James Russell Garrant, Oxford, N. Y.
Mary Patricia Gearhart, Circleville
Angelo John Georgeos, Jr., Bay Village

Darrel S. Gerard, Shaker Heights
Larry Darnall Gilliam, Columbus
Gerald Cly Gilliland, Columbus
Sheldon Robert Goldstein, Cleveland

B.S. Arch.

William Henry Greene, Beachwood
Kathleen Elaine Gunnett, Van Wert
Abraham Mark Gutmore, Paterson, N. J.

John Charles Hale, Wauseon

Robert Eugene Hartman, Newark
Kenneth Edward Hawkins, Columbus
Daniel Edward Higgins, London
Harvey Thomas Himes, Jr., Cincinnati
Daniel Charles Hite, Columbus
William Daniel Hollinger, Marion
Michael Stephen Holser, Galion
Ronald Douglas Hopper, Columbus
Donald James Hothem, Baltic
Stanley Ford Hughes, Marion
Frank Odon Jelenic, Jr., Euclid
Kenneth Allan Jones, Columbus
Stanley Satoski Kanno, Cleveland
Alan Roger Kara, Strongsville
Paul Charles Keinath, Plain City
William Joseph Koch, Brooklyn
Edward Robert Koepfier, Toledo
James Jay Kohn, Warren
John David Kreider, Port Recovery
John Peter Kroon, Conomugny, Switzerland
Thomas Lee Krupka, Westlake
Stephen Jay Kubin, Columbus
Darrell Lee Laman, Lima
Steven Alan Leitz, Arlington, Tex.
Jonnie Sue Linn, Celina
Robert Joseph Lorenz, Columbus
Charles Edgar Mallett, Springfield
David Alan Marks, Mayfield
Glyde Arthur Marsh, Jr., New Albany
William Brandt Marshall, Columbus
Frank Joseph McConnell, Milan
Gregory Alan McCreate, Columbus Grove
Frank Frederick Melnik, Campbell
Ronald Lee Miller, North Canton
Paul Richard Milo, Euclid
Kimmy Dee Moore, Columbus
John Edwin Morlan, Columbus
Steven Edward Morris, Toledo
James Bruce Mounts, Columbus
Michael William Murphy, Columbus
Patrick Martin O'Neill, Paulding
Bruce Jeffrey Palestrant, Columbus
Joseph Parnosh, Unıontown
Thomas Michael Pardinger, Grove City
Theodore Arthur Pogran, Crestline
Iennis Charles Pillivant, Elyria
Bruce Reed Pinkney, Willoughby
Jules Raymond Pommier, Bedford
Francis Sidney Porter, Malta
Richard Darryl Purser, Strongsville
Nicholas J. Pustay, East Canton
Isaac Berzig Reynolds, Jr., Louisville, Ky.
Gary Philip Rhein, Rockville Centre, N. Y.
Stephen Allen Robbins, South Euclid
Jeffrey Scott Rosner, Broadview Heights
Daniel Erwin Rosner, Dayton
Michel Benedict Salmenere, Port Chester, N. Y.
Kenneth Victor Sandor, Medina
John Samuel Santisi, Youngstown
David Lee Saylor, North Royalton
Donald Jack Schultz, Elyria
Gary Martin Shaffer, Columbus
Terrance Allan Shough, Columbus
James Del Silverwood, Maumee
Frank Edwin Sklarski, Parma
Mark Steven Snowberger, Wooster
Robert William Spencer, Hemblock
Charles Robert Talbott, Powell
Edwin Hurst Teegardin, Mt. Sterling
Kirk Lee Tennant, Marion
Philip John Turner, Marion
Joseph Vannata, Jr., Bellmore, N. Y.
Robert Alvin Vogel, Toledo
Lee Wallace Wall, Columbus
Steven Nicholas Ward, Grove City
Pamela Elizabeth Watson, Sauterfield
Rodney Coy Wells, Springfield
Laurence Barry Whitworth, Avon
John Carl Williams, Utica
Richard Scott Young, Shaker Heights
Joseph John Yurasek, Jr., Columbus
Larry Frederick Zimmerman, Columbus
Harry Leighton Zulauf, Columbus

Bachelor of Science in Agriculture
Thirty-nine candidates

John Robert Burch, Fredericktown
John Rathbun Christensen, Lebanon, Conn.
Rita Pavetto Deschner, Jeannette, Pa.
Brad Robert Dreier, Cincinnati
John Irvin Ellick, Warren
James Russell Freed, East Palestine
Jerry Le Gallaway, Athens
Frederick John Graft, Canfield
Frederick Hazen Green, Thompson B.A.
Roger Wayne Greenawalt, Beloit
Joseph Harold Gressel, Delphos
Alhn Paul Herd, East Liberty
Paul Randall Hoover, Upper Sandusky
Keith Eugene Kraffman, Union
Michael Earl Kautz, Castalia
Danny Dale Lenaster, Columbus
Cheryl Ann Luk, Columbus

Bachelor of Science in Home Economics
Twenty-eight candidates

Carol Grace Booth, Galion
Christine Lois Briggs, Erie, Pa.
Brenda Sue Burns, Marysville
Kathryn Marie Burns, Bolivar
Kathleen Theresa Cahill, Columbus
Kathryn Pfeifer Crall, Bucyrus
Suzanne Emil, Great Neck, N. Y.
Constance Jane Godwin, Richwood
Vollinda Lee Hann, Columbus
Rebecca M. House, Dayton
Jean Graves Jackson, Columbus
Diane Rose Kopetz, Columbus
Jan Marie Nole, Blacklick
Elma Hall Oliver, Newark
Cynthia Kay Reeser, Columbus
Linda Louise Roberts, Columbus
Sharon Sitterly Russell, Norwalk
Klaune Frances Snyder, Somerset
Marilyn Staneart Snyder, Columbus
Karen Marie Sprig, Jefferson
Sharon Mantle Stapleton, London
Nancy Brause Stuckman, Bucyrus
Jacquelyn Gangluff Tilton, Attica
Patricia Cannon Willingham, Washington C. H.
Peggy Jane Wohlerman, Columbus
Ellen Rogers Woodworth, Columbus
Joan Marie Ziembas, Cleveland

Bachelor of Science in Nutrition
One candidate
Sharon: Eileen Cargo, Chillicothe

School of Social Work

Bachelor of Science in Social Welfare
Six candidates

Thomas Michael Albright, Worthington
Heidi Ann Barton, North Madison
Barbara Lee Bennett, Shaker Heights
Barbara Jean Martin, Columbus
Walter Price, Columbus
Austin Jackson Wilson, Columbus

Bachelor of Science in Home Economics
Twenty-eight candidates

Carole Grace Booth, Galion
Christine Lois Briggs, Erie Pa.
Brenda Sue Burns, Marysville
Kathryn Marie Burns, Bolivar
Kathleen Theresa Cahill, Columbus
Kathryn Pfeifer Crall, Bucyrus
Suzanne Emil, Great Neck, N. Y.
Constance Jane Godwin, Richwood
Vollinda Lee Hann, Columbus
Rebecca M. House, Dayton
Jean Graves Jackson, Columbus
Diane Rose Kopetz, Columbus
Jan Marie Nole, Blacklick
Elma Hall Oliver, Newark
Cynthia Kay Reeser, Columbus
Linda Louise Roberts, Columbus
Sharon Sitterly Russell, Norwalk
Klaune Frances Snyder, Somerset
Marilyn Staneart Snyder, Columbus
Karen Marie Sprig, Jefferson
Sharon Mantle Stapleton, London
Nancy Brause Stuckman, Bucyrus
Jacquelyn Gangluff Tilton, Attica
Patricia Cannon Willingham, Washington C. H.
Peggy Jane Wohlerman, Columbus
Ellen Rogers Woodworth, Columbus
Joan Marie Ziembas, Cleveland

Bachelor of Science in Nutrition
One candidate
Sharon: Eileen Cargo, Chillicothe
### College of Dentistry

**Dean: John R. Wilson**

#### Doctor of Dental Surgery

Nine candidates

- Vernon Michael Bowling, Tipp City  
  B.A. (Houghton College)
- John Richard Bradbury, Cortland  
  B.A.
- Barry David Brown, Fairborn  
  B.S. (Ohio University)
- Forest Dallas Cahill, Attica  
  B.S. (Capital University)
- David Peter Gebhard, Hamilton  
  B.A. (Miami University)
- Jay David Kraske, Beachwood  
  B.A. (Miami University)
- Richard Ronald Maruschak, Youngstown
- Theodore Greg Starkey, Canton
- Richard John Wills, Columbus  
  B.A.

#### Certificate of Graduate Dental Hygienist

One candidate

- Kathleen Lou Vannarle, Shadyside

### College of Education

**Dean: Luvern L. Cunningham**

#### Bachelor of Science in Education

Three hundred and sixty candidates

- Lois Reibuck Abram, Columbus  
  B.A.
- Charles Gilbert Adams, Ashley  
  B.A.
- William Carlos Allen, Columbus  
  B.A.
- Harriet Ball Amelinda, Upper Sandusky
- Miles Sheldon Andrews, Waynesfield
- Mary Victor Aquila, Powell
- Martha Jane Augustburger, Bluffton
- Brenda Lyn Backus, Columbus
- Linda Kay Bailey, Miamisburg
- Lawrence David Bain, University Heights
- Robert Bruce Bain, Rochester, N. Y.
- Malvin Fred Barron, Beachwood
- Jesse Oma Bass, Jr., Bellefontaine
- Cheryl Anderson Beale, Dayton
- Donald Robert Beck, Columbus
- Julia Ann Beer, Mansfield
- Mary Patricia Behan, Chagrin Falls
- Christine Spaeth Bell, Columbus
- Donald Charles Bennett, Washington, D.C.
- Lynda Berkley, South Euclid
- Nancy Ann Berryman, Grover Hill
- Donna Molden Beyer, Columbus
- Donna Jeanne Biery, Warren
- Vicki Clifton Bichak, Circleville
- Brenda Tomlinson Black, Elyria
- Paula McAdow Blake, Newark
- Norma Hornung Blauzer, Pickerington
- Cynthia Lee Blum, Columbus
- Kathy Henson Bobb, Columbus
- Gretchen Bonnie, Urbana
- Nancy Halberstadt Booth, Columbus
- Rena Baker Born, Marion
- Jane Boucher, Dayton
- William Carl Brandall, Willard  
  B.A.
- Joan Catherine Brandt, Columbus  
  B.A.
- Carol Ann Breitenbach, North Olmsted
- Margaret Anne Briden, Euclid
- Patty Wicker Brock, St. Mary's
- Earl Delmore Brown, Sedalia
- Mary Hubbard Brown, Columbus
- Diane Smith Bunn, Columbus Grove
- Marilyn Galloway Burns, Belleville
- Brenda Sue Burgess, Galloway
- Julia Remington Burns, Barberton
- Phyllis White Burns, Marion
- Susan Weisend Busey, Columbus
- Helen Louise Butterfield, Worthington
- Cathy Heil Cantor, Columbus
- Thomas Caruso, Columbus
- Lorene Abbott Chasteen, Medina

- Michael Rae Childers, Zanesville
- Richard Theodore Chojnacki, Columbus
- Audra Elisee Chine, Waldo
- John Harper Coffman, Westerville
- Ellen Judith Cohen, Massapequa Park, N. Y.
- Susan Luch Coile, Marion
- Danny Joseph Coley, Columbus
- Colby Lewis Collier, Troy
- Karen Miller Comstock, Marion
- Robert Gary Conley, Shelby
- Ann Sargent Conrad, Marysville
- Gerald Allen Cook, Columbus
- Gwendolyn Estis Cook, Columbus
- Brenda Sue Cooke, Orwell
- Claudia Ann Corey, Toledo
- Constance Lee Coughenour, Kirkersville
- Glenn Edward Crawford, Upper Sandusky
- Pamela Rausch Crane, Columbus
- Patricia Anne Cz, Madison
- David James D'Aquila, Bellaire
- Linda Woods Darling, Columbus
- Marquet Lu Davis, Marion
- Mary Fisher Davis, Delaware
- Mildred Sprinkle Davis, Mt. Sterling
- Susan Lee Davis, Zanesville
- Christine Larson Detrick, Granville
- Thomas Albert Doucher, Jr., Columbus
- Paul Stephen Driver, Lima
- David Andrew Duffy, Frayzegburg
- Mary Carol Duffy, Cleveland
- Stanley Eugene Eddy, Haviland
- Elizabeth Hayes Edgerton, Middletown
- Paula Schneider Egbert, Columbus
- William Michael Egbert, Columbus
- Dayna Chapman Emmelhains, Grove City
- Curtis Charles English, Cleveland
- Judith Epstein, Toledo
- Pamela Xion Estep, Portsmouth
- Diane Sue Evans, Westerville
- Roberta Lynn Evans, Jackson
- JoAnn Pough Equart, Fredericktown
- Allen Thomas Fabian, Mentor
- Diane Mary Farg, Medina
- Terry Lee Fawcett, Eastlake
- Judith Kay Friek, Crestline
- Mary Brown Fenton, Reynoldsburg
- Sylvia Blackwell Finney, Columbus
- Barbara Ellen Finsilver, Birmingham, Mich.

* Also Bachelor of Arts, College of the Arts and Sciences
Bachelor of Arts Education
Offered jointly by the College of The Arts and the College of Education
Nine candidates

Mary Ann Hale, Worthington
Daniel Lee Holstein, Columbus
Diane Rochelle Kutanick, Beachwood
Connie Mae Lanam, East Liverpool
Latane Lince Lee, Columbus
Karen Letsinger Moore, Columbus
Linda Kathleen Mueller, Sylvania
Robert George Pohn, Parma
William Arthur Weidinger, Reynoldsburg

Bachelor of Music Education
Offered jointly by the College of The Arts and the College of Education
Six candidates

Cathryne Smith Ball, Columbus
Robert John Chappell, Jr., North Olmsted, B.Mus.
Charles Edward Harris, Cincinnati
Leslie Jan Weidner Holdren, Zanesville
Gary Michael Stith, Ithaca, N. Y.
Scott Christopher Wilson, Circleville

Angelique Colleen McKinney
Kinehart, Heath
Arlene Lois Robbins, South Euclid
Sheila M. Thomas, Columbus
Janice Elaine Robinson, Columbus
Joyce Ellen Roby, Lima
Karen Richard Rogers, Columbus
Patricia Edna Rogers, Columbus
Frances Rosen, New York, N. Y.
Denise Gail Rosenfeld, Pittsburgh, Pa.
Kenneth Louis Rosenzweig, Coldwater
Marilyn Ruth Rosser, Cincinnati
Pamela Pannin Ruby, Columbus
David Lee Ruff, Wapakoneta
Phyllis Diane Saltsman, Cincinnati
Karen Kalb Schiffer, Bucyrus
Susan Elaine Schiffer, Bucyrus
Frank Richard Schroeder, Ottawa
Marcia Clarin Schwartz, Columbus
Sandria Karen Schwartz, Youngstown
Nancy Collins Scott, Ashville
Anita Lou Seigner, Wauseon
David Albert Setz, Marysville
Paula Sue Serian, Canfield
Brenda L. Sesley, Columbus
Ernest Settles, Newark
Karen Harold Shaeffer, Alliance
Janice Susan Shafrazi, Cleveland
Shirley Anne Sherer, Mason
Mary Hohenbrink Shreffler, Mansfield
Alvin Lewis Simpson, Cleveland
Jo Ann Slaughter, Canton
Roger Charles Smith, Columbus
Nancy Louise Snyder, Miamisburg
Steven Thomas Spicer, Lima
John Edward Spisak, Cleveland
Bruce Warren Spryer, Grove City
Mary Jane Staton, Dayton
Carrie Ellen Steinhart, Amherst, N. Y.
Karen Repassy Sterrett, Connexaet
Louise Stevenson, Cincinnati
Michelle Gay Stewart, Lyndhurst
Thomas Smrall Stewart, Atlanta, Ga.
Ruby Lorraine Stimmel, Galena
Linda Brooks Strieklan, Columbus
Brenda Joyce Stroh, Delaware
Kathy Rose Strohl, New Lexington
Carla Irwin Struble, Columbus
Gregory Albert Swary, New Bavaria
Randall Walter Sweeney, Columbus
Victoria Wood Tashjian, Wilmette, Ill.
Janice Stepanovich Tataru, Columbus
Anne Taylor, Lancaster
Deborah Jane Taylor, Milford
Shirley Mae Taylor, Columbus
Debra Gidlund Thomas, Newark
Joan Elaine Thomas, Columbus
Randy Lee Tidaback, Bucyrus
Jane Ann Tilton, Portsmouth
Pamela Fox Toothman, Newark
James Martin Trager, Columbus
Dorothy Dewilla Turbho, Columbus
Allen Dwight Varner, Columbus
Gary Frank Vermilion, Newark
Robert Carl Vernon, Fredericktown
Barbara Schultz Wainer, University Heights
Linda McMeans Waite, Columbus
Ruth Porter Ware, Hopewell
Duane Larry Weckerly, Circleville
Linda Kay Weinstein, Columbus
B.S.Bus.Adm.
Marlene Joy Weinstein, Cincinnati
Janet Laine Wells, Toleda
Patricia Bernardette Welsh, Eastlake
Bruce R. Westall, Findlay
Marilyn Elaine Wick, Youngstown
Karen Wolfe Wilcox, Shelby
Nicolette J. Wilhelm, Lexington
Elizabeth Walklet Wilson, Strongsville
Judith Ware Wilson, Mansfield
Peggie Lee Wilson, Mansfield
Jane Roberts Wing, Cincinnati
Thomas Fredric Wolf, Cincinnati
Anthony Robert Woody, Cincinnati
Sharon Kay Workman, Columbus
Patricia May Wright, Newark
Jill Ann Wunderle, Columbus
Barbara Kramer Young, Columbus
Joanne Marie Young, Newark
Craig Atley Younkman, Lima
Kathleen Zeisler, Avon
Barbara Jean Zucker, Galion

*Also Bachelor of Fine Arts, College of the Arts and Sciences
Bachelor of Aeronautical and Astronautical Engineering
Two candidates
1 Walter Joseph Mireczak, Shadyside
1 John Arthur Rumberger, Jr., Lisbon

Bachelor of Science in Aeronautical and Astronautical Engineering
Four candidates
Gregory Scott Denton, Washington C. H.
Julius Fleischmann Sanks, Cincinnati
Larry Edward Skapin, Euclid
Ronnie Thomas, Columbus

Bachelor of Science in Agricultural Engineering
Two candidates
Robert Christopher Alpers, Findlay
Daniel E. Winkler, Rittman

Bachelor of Science in Ceramic Engineering
One candidate
Mary Elizabeth Welter, Novelty

Bachelor of Chemical Engineering
Three candidates
Gary William Buttwin, North Madison
Ronald Boyd Ransom, Columbus
David Michael Silva, Cadiz

Bachelor of Science in Chemical Engineering
Eight candidates
Joseph Isaac Arar, Columbus
David Edwin Burroughs, Reynoldsburg
Donald Joseph Murphy, Columbus
Marvin Edward Schmehl, Columbus
Stanley Michael Straker, Lima
Samuel Charles Tsen, Coshocton
Kenneth Edward Waller, Sherrodsville
Donald Leslie Weaver, Groveport

Bachelor of Civil Engineering
One candidate
1 Ronald Benjamin Dickerson, Worthington

Bachelor of Science in Electrical Engineering
Eighteen candidates
Bennie Alston, Columbus
Gary James Baker, Alliance
Danny L. Carnahan, Latty
James Erwin Fellure, Mansfield
William Milton Johnson, Jr., Worthington
William Brent McDonough, Adena
Catherine Estelle Morstatter, Akron
Steven Charles Ohliger, Columbus
Michael Herbert Reitzel, North Royalton
Charles Edward Richardson, Columbus
Mark Stephen Seipel, Columbus
William Joseph Steeley, Kettering
Kip Richard Steveley, Columbus
Joseph Randolph Szarka, Lorain
Larry Earl Von Lehmden, Fort Jennings
Lee Earl Vormelker, North Olmsted
Dale Charles Wunn, Brunswick
Robert Arthur Young, Columbus

Bachelor of Science in Electrical Engineering
One candidate
Patrick Joseph Cavanaugh, Zanesville

Bachelor of Science in Electrical Engineering
Eleven candidates

Bachelor of Science in Electrical Engineering
One candidate

Bachelor of Science in Electrical Engineering

1 Also Master of Science, Graduate School
Bachelor of Science in Physics
One candidate
Frederick Thorwald Rubin, Columbus

Bachelor of Science in Engineering Physics
Two candidates
James Allen Fife, Columbus
Ginn Wing Lee, Columbus

Bachelor of Science in Engineering
Physics

Bachelor of Science in Mechanical Engineering
Seven candidates
Robert Scott Blanchett, Zanesville
Randall Warren Cliser, Canton
Alfonso Hernandez Crane, Bogota, Colombia
Gregory Bruce Graham, Monroeville, Pa.
James Alan Kight, Columbus
Joseph Nathaniel Powers, Toledo
Paul Ritz, Findlay

Bachelor of Metallurgical Engineering
Three candidates
Paul Devon Barthoff, Columbus
Bernard Francis Gonya, Fremont
Randall Lee Steele, Springfield

Bachelor of Science in Metallurgical Engineering
Three candidates
Ronald Craig Aufderheide, Columbus
Clifton Brant Howard, Columbus
Larry Allen Offenbacher, Dayton

Bachelor of Science in Architecture
Five candidates
Richard William Hanlon, Cincinnati
Stephen Benjamin Lebwohl, Massapequa, N. Y.
Robert John Maus, Huron
James Bodine Myers, Magnolia, N. J.
Elvin Joseph Phillips, New York, N. Y.

Bachelor of Science in Architecture
Five candidates
Thomas Charles Haeuptle, Norwalk
Terry Ray Martell, Toledo
Franco Mario Palma, Columbus
Susan Virginia Plaisted, Worthington
David Lynn Ruth, Columbus

Bachelor of Science in Landscape Architecture
Two candidates
Charles Theodore Abbot, Columbus
James George Mance, Worthington

Bachelor of Science in Welding Engineering
Three candidates
James Michael Fell, Columbus
*Albert Allen Freeman, Marysville
*Stanley Loisi Ream, Hartville

Bachelor of Science in Welding Engineering
Two candidates
Kenneth William Coryell, Chagrin Falls
David Lee Forrest, Worthington

* Also Master of Science, Graduate School

Mechanical Engineer
One candidate
Clinton Lee Syverson, Alliance
B.S.M.E.

Bachelor of Mechanical Engineering
Five candidates
Scott Robert Albin, Columbus
*George Christopher P. Crall, Bucyrus
*Walter Donald Mast, Defiance
*William Scott Schaefer, Watchung, N. J.
*Donald Francis Sebian, Painesville

School of Architecture

Bachelor of Architecture
Five candidates

Mechanical Engineer
One candidate

Bachelor of Welding Engineering
Three candidates

Bachelor of Science in Welding Engineering
Two candidates

* Also Master of Science, Graduate School
College of Medicine
Acting Dean: Robert J. Atwell

Doctor of Medicine
Two candidates
Thomas Hewitt Coleman, Milford Center
B.A. (Vanderbilt University)
Stephen Ned Kolodzik, Columbus
B.A. (Miami University)

School of Allied Medical Professions
Bachelor of Science in Allied Health Professions
Eleven candidates
Elaine Edith Biegacz, Canton
Randall Charles Blake, Sudbury, Mass.
Harold Lee Brown, Bellaire
B.S.Bus.Adm.
Barbara Vane Earl, Waynesfield
Dennis Wendell Gramlich, Columbus
Judith Ann Henry, Dillonvale
Juliana Johnson, Zanesville
RoseMarie Chi Leby, Dayton
Joanne Bihl Minor, Wheelersburg
Patricia Ann Scites, Wellston
Alta Louise Scrimsher, Long Bottom

Bachelor of Science in Occupational Therapy
Nine candidates
Joan Marie Albert, West Carrollton
Annette Mae Blower, Brecksville
Rosalie Marie DeCamp, Columbus Grove
Maxine Lea Kahn, Deerfield, Ill.
Pamela Sue Lackner, Hamilton
Paula Kartsimas Sarrey, Columbus
Nancy Jane Schneider, Hubbard
Barbara Bateson Weitzien, Zanesville
Reene Linda Wolf, University Heights

Certificate of Post Baccalaureate Medical Technologist
One candidate
Margaret Jo Snyder, Fort Recovery
A.B. (Miami University)

Certificate of Post Baccalaureate Physical Therapist
Thirteen candidates
Richard John Balnis, Carey
B.A. (New Mexico Highlands University)
Sue Brugger Edgar, Fairborn
B.S. (Ohio University)
Judy Augusta Gebhart, Ashland
B.S. (Otterbein College)
James Paul Lacy, Akron
B.A. (University of Akron)
Jeanene Desmond McCarthy, Pittsburgh, Pa.
B.S. (Ohio University)
Terry Allen Morgan, Chillicothe
B.S.C. (Ohio University)
Cynthia Elizabeth Morton, Grove City
B.A. (Miami University)
Patrick Ralph Ranalli, Youngstown
A.B. (Youngstown State University)
Jill Louise Sellers, Barberton
B.S. (Otterbein College)
David Allen Shutes, Linden, Mich.
B.S. (Michigan State University)
Margaret Latham Springer, Delaware
B.S.Ed. (Miami University)
Cecelia Ann Tournoux, Canton
A.B. (Ursuline College for Women)
Lynn Allen Wallace, North Ridgeville
B.S.Ed.

School of Nursing
Bachelor of Science in Nursing
Twenty candidates
Sandra Louise Abram, Valley City
Mary Virginia Bryden, Massillon
Vicki Lee Buerger, Kenton
Diane Louise Dalhart, South Charleston
Jacqueline Lu Dewar, Kenton
Paula Ann Falb, Akron
Patricia Rascili Feamster, Columbus
Richard Lawrence Gierman, Cleveland
Julia Ann Jenkins, Alliance
Jan Carol Kennedy, Sheffield Lake
Shirley June Manchek, Cleveland
Sandra Gale Oyler, Chillicothe
Winona Marie Smith, Cleveland
Nancy Louise Stockman, Toledo
Cynthia Jane Szabo, Ravenna

Genevieve Mary Szuba, Parma
Carolyn Elizabeth Trimble, Dayton
Iveto Linda Ludwig Williams, New Riegel
Cathy Jean Wrotny, Ambridge, Pa.
Linda Marie Zeitz, Fairview Park

116
Graduates with Honors

Summa Cum Laude

Lois Roebuck Abram, Columbus
Donna Jeanne Biery, Warren
Marilise Galloway Bunsold, Bellaire
Kathryn Marie Burris, Bolivar
Robert John Chappell, Jr., North Olmsted
Marguerite Marie Connerton, Alexandria, Va.
George Christopher P. Crall, Bucyrus
Donna Claire Thompson, Berea
Barbara Wyman Knox, Lockbourne AFB
David Joseph Kramer, Dayton
Martha Morton Marine, Bellefontaine
William Brent McDonough, Adena
Catherine Estelle Morzatter, Akron
Marcia Knoll Nicolloff, Urbania
Jean O'Connell, Worthington
Judy Ellen Pollard, Livingstone, N. J.
Ronald Boyd Ransom, Columbus
Cynthia Kay Reeder, Columbus
Karen Kabol Schiper, Bucyrus
Mary Sturr Schipher, Dayton
Donald Francis Sebian, Painesville
Carla Irwin Struble, Columbus
Donna Claire Thompson, Berea
Kenneth Edward Walker, Sherriville
Duane Larry Weckerly, Circleville
Judith Ware Wilson, Mansfield
Mark Alan Dembski, West Jefferson
Maureen Elizabeth Doherty, Solon
Susan Lynn Dragovich, Dover
Karen Fulker Eye, Columbus
Paula Ann Falb, Akron
Albert Allen Freeman, Marysville
Richard Lawrence Gierman, Cleveland
William Henry Greene, Beachwood
Roger Alan Hansen, Pembrerville
David Scott Harper, Galena
John David Hvizdos, Columbus
Rochelle Kuza Jeffries, Independence
Edward Allen Kendall, Columbus
Jan Carol Kennedy, Sheffield Lake
Joseph William Marshall, Columbus
James Robert Mason, Chagrin Falls
Darryl John McCullough, Cincinnati
Carol Anne Miller, Columbus
Frances Johnson Minutili, Columbus
Kathleen French Murnane, Columbus
Mary Lee Nestor, Columbus
Xan Marie Nole, Blacklick
Michael Warner O'Callaghan, Westlake
Joyce Marsh Olcamp, Syracuse, N. Y.
Brenna Aileen Perry, Delanson, N. Y.
Henry Richard Povolny, Columbus
Martha Foslter Prophater, Columbus
Mary C. Psichoutis, Parma
Donald Taylor Richard, Grove City
Judith Ann Roof, Columbus
David Lee Ruff, Wapakoneta
John Arthur Rumberger, Jr., Lisbon
David Lynn Rut, Columbus
Phyllis Diane Saltzman, Cincinnati
Gary Glen Sattlemeyer, Columbus
Thomas Howard Schottenstein, Columbus
Kirk Lee Tennant, Marion
Randy Lee Tidaback, Bucyrus
Pamela Fox Toothman, Newark
Donald Leslie Weaver, Groveport
Karen Wolfe Wilcox, Shelby
Peggy Jane Wollerman, Columbus
Barbara Jean Zucker, Galion

With Distinction in Microbiology

Jerry Siegel, Columbus

With Distinction in Photography

James Gilbert Friedman, Columbus

With Distinction in Political Science

Mark Keinath Milligan, Coshocton

Summa Cum Laude and with Distinction in History

Ronald Creighton Profitt, Columbus

Summa Cum Laude and with Distinction in Political Science

Sheryl Colleen Katter, Wapakoneta

Cum Laude

Sandra Louise Abram, Valley City
Jean Marie Albert, West Carrollton
Brenda Lynn Backus, Columbus
Barbara Evelyn Bensak, Greenfield, Wis.
John Douglas Brookhart, Newark
Phyllis White Burns, Marion
Douglas Bernard Clark, Solon
Nancy Louise Cook, Rocky River
Thomas Eugene DeBrosse, Dayton

Cum Laude and with Distinction in Medieval and Renaissance Studies

Linda Diane Taylor, Columbus

Cum Laude and with Distinction in Speech

Madaline Jean D'Alesio, Mingo Junction
The Board of Trustees met at its regular monthly meeting on Friday, September 8, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
The Chairman, Mr. Eckley, introduced the new member of the Board of Trustees of The Ohio State University:

Mrs. Patricia D. James, who was appointed by Governor John J. Gilligan to succeed Mr. Robert S. Dorsey, for the term beginning May 14, 1972 and ending May 13, 1981, with appointee taking office July 18, 1972. She is a 1957 graduate in Dental Hygiene from Ohio State's College of Dentistry and the third woman to serve on this Board.

On behalf of the members of the Board of Trustees, Mr. Eckley welcomed Dr. Enarson to his first official meeting of the Board and expressed the belief that Dr. Enarson would do a great job for a great University.

REPORT BY CHAIRMAN

The Chairman, Mr. Eckley, announced the appointment of Patricia D. James to the following committee and board for 1972-1973:

**Retirement and Insurance Committee**

  John L. Gushman, Chairman  
  Howard D. Sirak, Vice Chairman  
  Patricia D. James

**Development Fund Board of Directors**  
*(One-year term)*

  Patricia D. James  
  Howard D. Sirak

The Development Fund Board Bylaws require an election.

The Board of Trustees by unanimous voice vote approved the appointments pursuant to the Bylaws of the Development Fund Board, which action constituted an election.

- - -
September 8, 1972 meeting, Board of Trustees

As the meeting began, Mr. Shocknessy made the following statement:

Since the Board of Trustees of The Ohio State University has had a long history of support not only for athletics but for the Olympic games as well, I think that it would be most appropriate, before we do our business that we stand for a moment of silence to indicate our 'horror' and 'sorrow' over the Munich massacre. (All stood and observed a moment's silence.)

President Enarson indicated to the Board that at the request of Bishop Elwell, the University was making available the St. John Arena for an ecumenical memorial service on Sunday for the members of the Israeli Olympic team killed at Munich.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building

Upon the recommendation of the Vice President for Medical Affairs, and with the concurrence of the President's Cabinet, President Enarson recommended that the building located at 1585 Neil Avenue, housing the School of Nursing of the College of Medicine, be officially named "The Mildred E. Newton Hall," to honor Dr. Mildred E. Newton for her years of leadership and distinguished service to the School of Nursing.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mrs. James, seconded by Mr. Cushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Establishment of the Novice G. Fawcett Chair in Educational Administration

For the first time in the University's history the Board of Trustees has an opportunity to establish an endowed chair that has been funded by individual gifts from hundreds of people. These contributions have been made to the University as a special way of saying "thank you" and "farewell" to Novice G. Fawcett, as a tribute to his outstanding leadership, and the remarkable accomplishments of the University during the sixteen years he served as its President.

The idea of a major faculty position named for the President had its beginning in 1966 when the Board of Trustees gave special recognition to Novice Fawcett on the occasion of the tenth anniversary as President of The Ohio State University and established the Novice G. Fawcett Professorship in Educational Administration.
I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Novice G. Fawcett Chair in Educational Administration (continued)

In the Spring of 1972 a group of friends of Dr. Fawcett formed a Friends of the Fawcetts Committee for the purpose of providing funds to redesignate the Novice G. Fawcett Professorship in Educational Administration as an Endowed Chair in Educational Administration. The leadership provided by this group inspired many alumni and friends to contribute to the Chair, and, although gifts and pledges are still being received, the support to date is more than sufficient to fully endow a chair. At this time, and as a lasting reminder of his unequaled accomplishments, President Enarson recommended that the Novice G. Fawcett Chair in Educational Administration be established.

In honoring Novice G. Fawcett, those who support this Chair are adding significantly to the future of The Ohio State University. They are providing a way that his influence on higher education can be continued in perpetuity. The names of those who have participated in this magnificent effort will be recorded forever in the archives of The Ohio State University along with the special thanks and deep gratitude of the Board of Trustees.

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

C. Memorandum of Understanding Between Ohio Agricultural Research and Development Center and Agricultural Technical Institute

President Enarson recommended that the Board of Trustees authorize the President to enter into a memorandum of understanding between the Ohio Agricultural Research and Development Center and the Agricultural Technical Institute of The Ohio State University relating to the provision of services by the Ohio Agricultural Research and Development Center to the Agricultural Technical Institute.

Inasmuch as the Ohio Agricultural Research and Development Center has established supporting departments such as Physical Plant, Research Operations, Statistics Laboratory, Public Information, Library and others, many of these services can be provided to the Agricultural Technical Institute more economically and proficiently than by duplicating such services within the Agricultural Technical Institute.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous voice vote.
September 8, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the July 7, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

George P. Crepeau from Assistant Vice President for Curricula in the Office of Academic Affairs and Professor, Department of Theatre, to Associate Provost for Instruction in the Office of Academic Affairs and Professor, Department of Theatre, effective September 8, 1972, at a salary of $25,128.00.

Kathryn T. Schoen from Acting Director, School of Allied Medical Professions, to Associate Provost for Faculties, in the Office of Academic Affairs, and Professor, Department of Speech Communication, effective September 8, 1972, at a salary of $25,128.00 per annum.

David C. Marsh from Assistant Dean of University College to Assistant Vice President for Regional Campuses, and Assistant Dean of University College, effective immediately, at a salary of $17,208.00 per annum.

Paul T. Yarrington from Professor and Chairman, Department of Engineering Graphics, and Assistant Dean in the College of Engineering, to Assistant Vice President for Admissions, Registrations, and Records in the Office of Administrative Operations, effective October 1, 1972, at a salary of $25,836.00 per annum. Professor Yarrington will continue to hold the academic rank of Professor in the Department of Engineering Graphics.

David W. Cole from Professor, Academic Faculty of Finance, to Professor and Chairman, Academic Faculty of Finance, effective October 1, 1972, at a salary of $19,248.00 per annum. Dr. Cole's term as Chairman of the Academic Faculty of Finance will run from October 1, 1972 through September 30, 1975.

T. Kristoffersen from Acting Chairman and Professor, Department of Food Science and Nutrition, to Chairman and Professor, Department of Food Science and Nutrition, effective September 1, 1972, at a salary of $22,488.00 per annum.

B. Leaves of Absence Without Salary

Robert L. Emans, Professor, Academic Faculty of Early and Middle Childhood Education, effective July 1, 1972 through July 31, 1972, for personal reasons.
II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Jack R. Frymier, Professor, Academic Faculty of Curriculum and Foundations, effective July 1, 1972 through August 31, 1972, to fulfill speaking engagements and teach short courses at other universities.

Henry R. Velkoff, Professor, Department of Mechanical Engineering, effective October 1, 1972 through September 30, 1973, to work in army aviation research.

Linnea Anderson, Associate Professor, School of Allied Medical Professions, Medical Dietetics Division, effective July 1, 1972 through August 31, 1972, for personal reasons.

Donald L. Duncan, Associate Professor, Division of Art Education, effective October 1, 1972 through September 30, 1973, to study in Denmark.

Michael L. Darby, Assistant Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to serve as a Visiting Assistant Professor at the University of California, Los Angeles.

Sara Ann Foster, Assistant Professor, School of Social Work, effective October 1, 1972 through September 30, 1973, to pursue doctoral degree.

Sylvan G. Frank, Assistant Professor, College of Pharmacy, effective July 1, 1972 through July 31, 1972, to serve as an Upjohn Visiting Professor.

Arthur Herbert Miller, Assistant Professor, Department of Political Science, effective October 1, 1972 through December 31, 1972, to participate in a research program at the Institute for Social Research at the University of Michigan.

Nolan J. Rindfleisch, Assistant Professor, School of Social Work, effective October 1, 1972 through June 30, 1973, to pursue doctoral program.

William Rodney Sharp, Assistant Professor, Department of Microbiology, effective August 1, 1972 through October 31, 1972, to participate in a program at the Centro de Energia Nuclear Na Agricultura, University of Sao Paulo, Piracicaba, Brazil.

Sandra J. Fisher, Instructor, School of Nursing, effective July 1, 1972 through July 23, 1972, for personal reasons.
II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Julian E. Giraldo, Instructor, Department of Preventive Medicine, effective July 1, 1972 through June 30, 1973, to obtain additional clinical training.

Kyril P. Magg, Instructor, School of Music, effective October 1, 1972 through September 30, 1973, to play with the Cincinnati Symphony Orchestra.

Elmo Stewart Saunders, Instructor, University Libraries, effective July 1, 1972 through September 30, 1972, for study at Indiana University for his doctoral degree.

C. Emeritus Titles

Clyde C. Allison, Department of Plant Pathology, with the title Professor Emeritus, effective September 1, 1972.

Wilda G. Chambers, School of Nursing, with the title Professor Emeritus, effective July 1, 1972.

Wilfred J. Eberhart, Academic Faculty of Humanities Education, with the title Professor Emeritus, effective September 1, 1972.

William E. Jennings, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective September 1, 1972.

Dwight M. Palmer, Department of Medicine, with the title Professor Emeritus, effective July 1, 1972.

Arthur S. Bostwick, School of Journalism, with the title Assistant Professor Emeritus, effective July 1, 1972.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

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

SUMMARY

(June 17, 1972 - August 11, 1972)

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In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

1. Government Research Contracts - Federal

   a. U. S. Atomic Energy Commission, Chicago Operations Office,
      Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural
      Systems (to be known as Project No. 1794-E - Sponsor ltr. dtd.
      6/15/72 - Department of Zoology).
      Gross Value - $3,652.00.

      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Hazards of Experimental Leukemia Research
      (to be known as Project No. 2049 - Mod. #14 - Department of
      Veterinary Pathology).
      Gross Value - $257,570.00.

   c. Department of Health, Education, and Welfare, Office of Education,
      Washington, D. C., Acquisition, Analysis and Compilation of In-
      structional Materials for Training Programs Concerning Air
      Pollution (to be known as Project No. 2228 - Mod. #11 - Academic
      Faculty of Science and Mathematics Education).
      Gross Value - $25,000.00.

      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Brain Tumor Chemotherapy Study
      (to be known as Project No. 2484 - Mod. #7 - Department of
      Surgery).
      Gross Value - $4,742.00.

   e. Department of Health, Education, and Welfare, Public Health
      Service, National Institutes of Health, National Heart and Lung
      Institute, Bethesda, Maryland, Research into Onset of Myocardial
      Infarction and Sudden Death (to be known as Project No. 3059-A1
      - Mod. #2 - Department of Preventive Medicine).
      Gross Value - $142,000.00.

   f. Department of the Interior, Bureau of Mines, Denver, Colorado,
      Stresses, Deformations and Progressive Failure of Non-Homogenous
      Fissured Rock (to be known as Project No. 3177-A1 - Mod. #5 -
      Department of Civil Engineering).
      Gross Value - $25,000.00.

   g. Department of Health, Education, and Welfare, Public Health
      Service, Food and Drug Administration, Rockville, Maryland,
      Pathologic Support for Evaluation of Cardiotoxic Drugs in the
      Canine (to be known as Project No. 3242-A1 - Mod. #1 - Depart-
      ment of Pathology).
      Gross Value - $64,600.00.
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)

h. Department of the Air Force, Air Force Systems Command, Rome
Air Development Center, Griffiss Air Force Base, New York,
Multifunction TDMA Techniques (to be known as Project No. 3364-
A1 - Mod. #P00004 - Department of Electrical Engineering).
Gross Value - $119,419.00.

i. Department of the Air Force, Air Force Systems Command, Wright-
Patterson Air Force Base, Ohio, Advanced Radar Reflector Studies
(to be known as Project No. 3401-A1 - Mod. #P00001 - Department
of Electrical Engineering).
Gross Value - $90,000.00.

j. Department of the Interior, Bureau of Mines, Denver, Colorado,
Electromagnetic Pulse Sounding for Geological Surveying with
Application in Rock Mechanics and Rapid Excavation Program (to be
known as Project No. 3408-A1 - New - Department of Electrical
Engineering).
Gross Value - $46,762.00.

k. Department of the Navy, Office of Naval Research, Arlington,
Virginia, Exploratory Development Studies (to be known as Project
Gross Value - $50,000.00.

Service, National Institutes of Health, National Heart and Lung
Institute, Bethesda, Maryland, Development of Effective Therapy
for Sickle Cell Disease (to be known as Project No. 3478-A1 - New - Department of Medicine).
Gross Value - $100,000.00.

m. Department of Labor, Manpower Administration, Chicago, Illinois,
Department of Labor Procurement Training (to be known as Project
No. 3482-A1 - New - College of Administrative Science, Division of
Continuing Education).
Gross Value - $12,409.00.

n. Environmental Protection Agency, Research and Development Pro-
curement, Washington, D. C., Resources Allocation to Optimize
Mining Pollution (to be known as Project No. 3484-A1 - New -
Engineering Experiment Station).
Gross Value - $70,423.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

1. Government Research Contracts - Federal (continued)

o. Postal Service Management Institute, Bethesda, Maryland, Quantitative Methods and Operations Research Courses (to be known as Project No. 3485-A1 - New - College of Administrative Science, Division of Continuing Education). Gross Value - $69,325.00.


q. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Development of Methods for Establishment of Geodetic Control on the Moon (to be known as Project No. 3487-A1 - New - Department of Geodetic Science). Gross Value - $59,800.00.


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)

Gross Value - $59,956.00.

Gross Value - $13,500.00.

Gross Value - $49,900.00.

TOTAL - Government Research Contracts - Federal $2,491,965.00

2. Government Research Contract - State

a. State of Ohio, Department of Education, Columbus, Ohio, To Design an Accountability System for the Ohio State Department of Education (to be known as Project No. 3503-A1 - New - Academic Faculty of Educational Development).
Gross Value - $24,825.00.

3. Industrial and Other Research Contracts

a. General Industrial, Study of Dental Calculus (to be known as Project No. 2065-C - Ext. #6 - College of Dentistry).
Gross Value - $63,886.00.

b. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor ltr. dtd. 6/20/72 - College of Dentistry).
Gross Value - $36,865.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

3. Industrial and Other Research Contracts (continued)

c. The University of Wisconsin, Research Administration - Financial, Madison, Wisconsin, Subcontract between the University of Wisconsin and The Ohio State University Research Foundation (to be known as Project No. 3335-A2 - Ext. #1 - Department of Psychology).
Gross Value - $8,883.00.

Gross Value - $5,327.00.

e. North American Rockwell, Columbus Division, Columbus, Ohio, Spanish Language Program (to be known as Project No. 3480-A1 - New - Department of Romance Languages and Literature).
Gross Value - $8,340.00.

f. University of Colorado, Medical Center, Denver, Colorado, Subcontract between University of Colorado and The Ohio State University Research Foundation (to be known as Project No. 3496-A1 - New - Department of Medicine).
Gross Value - $53,344.00.

g. Chemagro, A Division of Baychem Corporation, Kansas City, Missouri, Evaluation of Residual Effectiveness of Pesticide Products (to be known as Project No. 3498-A1 - New - Department of Entomology).
Gross Value - $4,416.00.

TOTAL - Industrial and Other Research Contracts $181,061.00


a. National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Stress Corrosion Cracking of Titanium Alloys (to be known as Project No. 2267 - Sup. #5 - Department of Metallurgical Engineering).
Gross Value - $26,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)

b. National Aeronautics and Space Administration, Washington, D. C.,
Basic Research and Data Analysis for the National Geodetic
Satellite Program and for the Earth Surveys Program (to be known
as Project No. 2514 - Mod. #5 - Department of Geodetic Science).
Gross Value - $56,184.00.

Service, National Institutes of Health, National Heart and Lung
Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver
Blood Flow (to be known as Project No. 2518-E - Ext. #5 - Depart-
ment of Physiology).
Gross Value - $11,850.00.

Service, National Institutes of Health, National Cancer Institute,
Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens
(to be known as Project No. 2762-C - Rev. Award dtld. 6/27/72 -
Department of Veterinary Pathology).
Gross Value - $6,790.00.

e. National Aeronautics and Space Administration, Langley Research
Center, Hampton, Virginia, Flutter of Thermally Stressed Plates
Subjected to Large Deflections (to be known as Project No. 2792 -
Sup. #3 - Department of Aeronautical and Astronautical Engineering).
Gross Value - $6,000.00.

f. National Aeronautics and Space Administration, Langley Research
Center, Hampton, Virginia, Flutter of Thermally Stressed Plates
Subjected to Large Deflections (to be known as Project No. 2792 -
Sup. #4 - Department of Aeronautical and Astronautical Engineering).
Gross Value - $8,000.00.

g. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health, National Cancer Institute,
Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds
(to be known as Project No. 2793-C - Ext. #3 - Department of
Chemistry).
Gross Value - $42,107.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)

h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A3 - Ext. #2 - Department of Biophysics).
Gross Value - $12,354.00.

i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A3 - Ext. #2 - College of Pharmacy).
Gross Value - $19,970.00.

j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A2 - Rev. Award dtd. 5/25/72 - Department of Surgery).
Gross Value - $3,048.00.

Gross Value - $20,476.00.

Gross Value - $421,470.00.

m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis (to be known as Project 3292-A2 - Ext. #1 - Department of Chemistry).
Gross Value - $34,675.00.

n. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as Project No. 3303-A1 - Sponsor ltr. dtd. 7/20/72 - Department of Biochemistry).
Gross Value - $20,000.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)


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

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

4. Government Research Grants - Federal (continued)
   
u. Department of Transportation, Urban Mass Transportation Administra-
      Gross Value - $35,259.00.

   v. Department of Transportation, Urban Mass Transportation Administra-
      Gross Value - $54,160.00.

      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Exploratory Study - Cancer Research Center
      (to be known as Project No. 3493-A1 - New - College of Medicine).
      Gross Value - $154,617.00.

   x. Department of Agriculture, Agriculture Research Service, Hyattsville,
      Maryland, Isolation and Characterization of the Inhibitor of Cerato-
      cytis ulmi (Buis.) C. Moreau Present in Seeds and Seedlings of Ulmus
      americana L. (to be known as Project No. 3499-A1 - New - College of Pharmacy).
      Gross Value - $54,625.00.

   y. Department of Commerce, National Oceanic and Atmospheric Admin-
      istration, Boulder, Colorado, High Resolution Investigation of the
      Infrared Transmittance of Long Atmospheric Path Lengths and of
      Individual Atmospheric Gases (to be known as Project No. 3501-A1 - New - Department of Physics).
      Gross Value - $24,612.00.

   z. Department of Health, Education, and Welfare, Public Health Service,
      National Institutes of Health, National Institute of General Medical
      Sciences, Bethesda, Maryland, Spin-Label Investigation of Enzyme
      Conformation (to be known as Project No. 3506-A1 - New - Depart-
      ment of Chemistry).
      Gross Value - $21,426.00.

   aa. National Science Foundation, Washington, D. C., Support of a
       Computer Science Conference (to be known as Project No. 3513-A1 - New - Department of Computer and Information Science).
       Gross Value - $20,100.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

4. Government Research Grants - Federal (continued)


   cc. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, Health Professions Special Project Grant Program (to be known as Project No. 3517-A1 - New - School of Allied Medical Professions and Department of Medicine). Gross Value - $450,244.00.

TOTAL - Government Research Grants - Federal $1,687,470.00

5. Government Research Grants - State

   a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-G - Ext. #7 - Department of Pediatrics). Gross Value - $54,000.00.

   b. State of Ohio, Department of Health, Columbus, Ohio, Family Clinic - Infertility Clinic (to be known as Project No. 3509-A1 - New - Department of Obstetrics and Gynecology). Gross Value - $27,708.00.

   c. State of Ohio, Department of Health, Columbus, Ohio, Family Planning Clinic (to be known as Project No. 3510-A1 - New - Department of Obstetrics and Gynecology). Gross Value - $70,010.00.

TOTAL - Government Research Grants - State $151,718.00

6. Industrial and Other Research Grants

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

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

6. Industrial and Other Research Grants (continued)

   b. Robert A. Taft Water Research Center, Water Quality Office, Environmental Protection Agency, Cincinnati, Ohio, Automated System for Water Pollution Control from an Animal Production Unit (to be known as Project No. 2980-A - Document dtd. 5/12/72 - Department of Agricultural Engineering).
      Gross Value - $43,050.00.

      Gross Value - $26,412.00.

      Gross Value - $14,355.00.

      Gross Value - $14,237.00.

      Gross Value - $25,000.00.

   g. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Role of Polyamines in Tumor Initiation (to be known as Project No. 3512-A1 - New - Department of Microbiology).
      Gross Value - $5,000.00.

      Gross Value - $20,000.00.

TOTAL - Industrial and Other Research Grants $159,104.00
The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.
September 8, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts

   EES 415X  Distribution of Trace Elements in Water and River Sediments in Ohio, U. S. Department of the Interior, Washington, D. C.
             Gross Value - $9,119.00.

   EES 416X  The Effects of Bacterial Methane Fixation on Lake Eutrophication, U. S. Department of the Interior, Washington, D. C.
             Gross Value - $6,700.00.

   EES 417X  Trace Metal Detection in Aquatic Environments by Activation Analysis of an Invertebrate Organism, U. S. Department of the Interior, Washington, D. C.
             Gross Value - $14,800.00.

   EES 420X  Oxidation of Ammonia by Ferrates (VI) and (IV) in Water, U. S. Department of the Interior, Washington, D. C.
             Gross Value - $6,393.00.

   EES 422X  Institute Director's Office, U. S. Department of the Interior, Washington, D. C.
             Gross Value - $29,503.00.

             Gross Value - $50,320.00.

   TOTAL - Government Research Contracts $116,835.00

2. Industrial Research Contract

   EES 425X  Evaluation of Fire Safety in the Design and Construction of the Cleveland, Cuyahoga County Judicial Center, Prindle, Patrick and Partners, Cleveland, Ohio.
             Gross Value - $20,000.00.
IV. GRANTS AND GIFTS

SUMMARY

(Period: June, 1972 and July, 1972)

<table>
<thead>
<tr>
<th>Grants</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
<td>$7,869,601.57</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gifts</th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ohio State University Development Fund - June</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alumni</td>
<td>3,235</td>
<td>$282,562.49</td>
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<tr>
<td>Individuals Other than Alumni</td>
<td>230</td>
<td>97,620.50</td>
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<tr>
<td>Business Concerns</td>
<td>51</td>
<td>170,294.70</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>68</td>
<td>133,247.89</td>
</tr>
<tr>
<td>Totals</td>
<td>3,584</td>
<td>$683,725.58</td>
</tr>
</tbody>
</table>

| The Ohio State University Development Fund - July |                 |          |
| Alumni                                         | 3,914           | $200,173.87 |
| Individuals Other than Alumni                  | 119             | 47,086.50   |
| Business Concerns                              | 24              | 115,480.00  |
| Foundations and Nonprofit Organizations        | 28              | 40,494.58   |
| Totals                                        | 4,085           | $403,234.95 |
IV. GRANTS AND GIFTS

SUMMARY

(Fiscal Year: July 1, 1971 through June 30, 1972)

Gifts

The Ohio State University Development Fund

<table>
<thead>
<tr>
<th></th>
<th>Number of Gifts</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>27,404</td>
<td>$2,322,924.62</td>
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<tr>
<td>Individuals Other than Alumni</td>
<td>4,998</td>
<td>762,055.97</td>
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<tr>
<td>Business Concerns</td>
<td>467</td>
<td>1,158,510.88</td>
</tr>
<tr>
<td>Foundations and Nonprofit Organizations</td>
<td>590</td>
<td>1,111,551.41</td>
</tr>
<tr>
<td>Totals</td>
<td>33,459</td>
<td>$5,355,042.88</td>
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</tbody>
</table>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. $1,480,202.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00142-07)

2. $1,200,886.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00378-07)

3. $637,202.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00526-03)

4. $606,874.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland, to the University for Mental Retardation Training, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Project No. 922)

5. $379,402.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 17 45 0430 151)

6. $291,986.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 27 45 0430 151)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. $245,400.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for Training of Professional Personnel in the Education of the Handicapped, for the period June 19, 1972 through June 30, 1973; $182,400.00 under the direction of the College of Education, Academic Faculty for Exceptional Children; $37,000.00 under the direction of the School of Health, Physical Education and Recreation; and, $26,000.00 under the direction of the Nisonger Center. (Grant No. OEG-0-72-4136 and OEG-0-72-4136, Revision No. 1)

8. $212,354.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 7 7 45 0430 15 1)

9. $165,620.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00455-03)

10. $159,464.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship, under the direction of the College of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. B 7 45 0430 15 1)

11. $148,100.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program - Baccalaureate, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 E04 NU01080-01)

12. $141,404.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Training Program, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 HL05988-01)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

13. $136,630.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5E03 PE00614-07)

14. $134,974.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration-Division of Developmental Disabilities, Chicago, Illinois, to the University for University Affiliated Facilities - Administrative Support, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. 59-P-25294/5-01)

15. $125,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Training, Chicago, Illinois, to the University for Home Training Consultants, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 55-P-25182/5-02)

16. $124,999.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Model Demonstration Project - Handicapped Children's Early Education Program, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. OEG-0-71-4375, Revision No. 1)

17. $117,400.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 44-P-25122/5-11)

18. $116,736.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5T01 MH12394-03)

19. $96,108.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 4745 0430 15 1)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

20. $76,849.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (I.D. No. 5 7 45 0430 15 1)

21. $75,000.00 additional grant by the U.S. Department of Labor, Manpower Administration, Washington, D.C., to the University for Manpower Research Institutional Grant, under the direction of the College of Administrative Science - Division of Research, for the period August 1, 1972 through July 31, 1973. (Grant No. 31-37-70-05, Modification No. 3)

22. $73,818.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE 02043-01)

23. $73,319.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Family Centered Practicum - Developmental Disabilities, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D12 AH00135-02)

24. $67,460.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Design, Implement, and Evaluation Curriculum for Bachelor of Science in Nursing Degree, under the direction of the School of Nursing, for the period August 1, 1972 through July 31, 1973. (Grant No. 5 D10 NU00319-05)

25. $60,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Slavic and East European Studies, under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1972 through June 30, 1973. (Grant No. OEC-0-72-1864)

26. $57,036.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration-Division of Developmental Disabilities, Chicago, Illinois, to the University for National Focus for UAF Consortium, under the direction of the Nisonger Center, for the period June 1, 1972 through May 31, 1973. (Grant No. 56-P-71010/5-01)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

27. $54,551.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training-Dental, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T12 CA08129-06)

28. $53,536.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Communications Division, under the direction of the School for Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D12 AH00340-02)

29. $51,180.00 granted by the State of Ohio, Department of Health, Columbus, Ohio, to the University for Continuing Education of Health Professionals, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973.

30. $47,434.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 DO8 PE02044-01)

31. $45,848.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training Grant in Endocrinology and Metabolism, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AM05118-16)

32. $41,501.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work-Corrections, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH08254-10)

33. $39,495.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Project Identification No. CP - T 000022-04-1)

34. $38,583.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Teaching Skill Institute for Pharmacy Educators, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A15 PE05002-01)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

35. $38,161.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry Child-Training Grant, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH11296-05)

36. $31,700.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Psychology, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH12349-02)

37. $28,905.00 granted by the State of Ohio, Department of Health, Columbus, Ohio, to the University for Field Service in Speech and Language for Aphasics, under the direction of the Department of Speech Communications, for the period July 1, 1972 through June 30, 1973.

38. $27,676.00 granted by Action, Washington, D. C., to the University for the training of students for Peace Corps Service in Tunisia in Agriculture, Forestry, and Related Fields, for the period July 1, 1972 through June 30, 1973. (Contract No. 73-042-0001, Amendment No. 1)

39. $25,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for A Model for Acquisition and Selection of Career Education Instructional Materials, under the direction of the Center for Vocational and Technical Education, for the period June 26, 1972 through June 25, 1973. (Grant No. OEG-0-72-4840)

40. $23,445.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program - Graduate, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 E04 NU01081-01)

41. $23,396.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Nursing, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I. D. No. G 745 0410 15 1)

42. $22,000.00 additional grant by Department of State, Agency for International Development, Washington, D. C., to the University for the AID Technical Assistance Program in India, under the direction of the College of Agriculture and Home Economics, for the period ending September 30, 1972. (Contract No. AID/nesa-148 India)
A. Office of Finance and Treasurer (continued)

43. $22,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pathology of Myocardial Hypertrophy and Failure, under the direction of the Department of Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 KO4 HL70248-01)

44. $21,768.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Development Award—Research Career Program, Chromosome: Regulation, Organization and Function, under the direction of the Department of Microbiology, for the period January 1, 1973 through December 31, 1973. (Grant No. 1 KO4 GM70300-01)

45. $20,799.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Orthopaedic Education for Medical School Careers, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 TO1 AM05695-01)

46. $20,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Competency Based Model for Preparation of Teachers of Very Young Handicapped Children, under the direction of the School of Home Economics, for the period June 19, 1972 through June 30, 1973. (Grant No. OEG-0-72-4296)

47. $18,628.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Manpower, Development and Training, Chicago, Illinois, to the University for Comprehensive Education for Social and Rehabilitation Services, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 46-P-25230/5-01)

48. $16,204.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 TO1 MH10778-06)

49. $16,200.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for A Pilot Study of the Kinetics of an Atomic Power Reactor Effluent into a Freshwater Marsh, under the direction of the Department of Zoology, for the period July 1, 1972 through June 30, 1973. (Project No. W-104-R-15, Study VIII, Jobs 8-a, 8-b and 8-c)
A. Office of Finance and Treasurer (continued)

50. $15,000.00 additional grant by Agency for International Development, Washington, D.C., to the University for the Administration of Purchasing, Inventory Management, and Maintenance Management, under the direction of the College of Administrative Science, Division of Continuing Education, with an expiration date of May 31, 1973. (Grant No. AID/csd-1571)

51. $13,327.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for Training Program in Rehabilitation Nursing, for the period July 1, 1972 through June 30, 1973.

52. $11,192.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C. to the University for Graduate Training Program in the Sociology of Education and Community, under the direction of the Department of Sociology, for the period June 1, 1972 through August 31, 1973. (Grant No. OEG-0-72-4703)

53. $10,050.00 granted by The Ford Foundation, New York, New York, to the University for two Black American Doctoral Fellowships, under the direction of the Graduate School, for the academic year 1972-73. (Project No. 719-0021)

54. $9,774.00 granted by Department of Health, Education, and Welfare, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland, to the University for UAF Pediatric Component Workshop, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Project No. 482)

55. $9,600.00 granted by The Ford Foundation, New York, New York, to the University for two Advanced Study Fellowships for Black Americans, under the direction of the Graduate School, for the academic year 1972-73. (Project No. 719-0022)

56. $9,268.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Instructional Equipment Grants Program, under the direction of the Department of Classics, for the fiscal year 1972-73. (Project No. 06-074027)

57. $9,072.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatry, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH05924-22)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

58. $8,775.00 granted by Department of Health, Education, and Welfare, Division of Health Services, Maternal and Child Health Service, Rockville, Maryland, to the University for Instructional Development Workshop for U.A.F.'s, under the direction of the Nisonger Center, for the period June 15, 1972 through December 31, 1972. (Project No. 483)

59. $8,288.57 granted by the Regents of the University of California, UCLA, Los Angeles, California, to the University for Clearinghouse Project, under the direction of the Center for Vocational and Technical Education, for the period April 1, 1972 through November 30, 1972. (Grant No. OEC-4-6-002482-1580)

60. $7,100.00 granted by the National Science Foundation, Washington, D. C., to the University for purchase of Instructional Scientific Equipment, under the direction of the Department of Computer and Information Science, with an expiration date of June 30, 1974. (Grant No. GY-10273, Proposal No. 2/6177)

61. $6,300.00 granted by U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for study of Bioaccumulation of Toxic Metals and Herons of Southwestern Lake Erie, under the direction of the Department of Zoology, Ohio Cooperative Wildlife Research Unit. (Contract No. 14-16-0008-1088)

62. $5,000.00 granted by Columbia Gas System Service Corporation, Wilmington, Delaware, to the University for consultant services relevant to the Columbia Gas System Hearing Conservation Program, under the direction of the Department of Speech Communications, for the academic year 1972-73.

63. $4,945.00 granted by the Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for the Study of Stripmine Habitat in Ohio, under the direction of the Department of Zoology, Ohio Cooperative Wildlife Research Unit, for the period June 1, 1972 through June 30, 1973. (Contract No. 14-16-0008-1075)

64. $3,630.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH06375-016)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

65. $3,348.00 granted by the U. S. Environmental Protection Agency, Washington, D. C., to the University for Air Quality Workshop, under the direction of the Atmospheric Sciences Program, for the period July 1, 1972 through June 30, 1973. (Grant No. T 900303)

66. $2,699.00 granted by The Ford Foundation, New York, New York, to the University for a dissertation fellowship in ethnic studies, under the direction of the Department of Political Science, for the academic year 1972-73. (Project No. 729-0185)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund

1. $266,779.52 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--$177,849.61 to be added to the Student Memorial Fund in the College of Dentistry and $88,929.91 to be added to the Snyder Research Memorial Fund in the College of Medicine.

2. $50,234.94 from Associates of Medicine, Columbus, Ohio, for their fund in the Department of Medicine.

3. $35,000.00 from Eli Lilly & Company, Indianapolis, Indiana--$30,000.00 for infectious disease research and $5,000.00 for medical microbiology research.

4. $25,000.00 from The International Nickel Company of Canada, Ltd., New York, New York, for its Professorship in Corrosion Science and Engineering.

5. $25,000.00 from the Yassenoff Foundation, Columbus, Ohio, in support of philosophy and Jewish studies.

6. $23,248.50 from Grand Chapter of Ohio, Order of the Eastern Star, Oberlin, Ohio, for cancer research.

7. $16,180.00 from Procter & Gamble Company, Cincinnati, Ohio--$10,200.00 for its fellowship in Physiological Chemistry and $5,980.00 for its fellowship in Chemical Engineering.

8. $15,000.00 from the Bremer Foundation, Youngstown, Ohio, in support of research in the College of Medicine.

9. $15,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for research in the Department of Agronomy.

10. $14,950.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
IV. GRANTS AND GIFTS (continued)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund (continued)

11. $12,000.00 from the Educational Endowment Fund of Kappa Kappa Gamma, Columbus, Ohio, for its fellowship for rehabilitation medicine.

12. $11,000.00 from Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, for fellowships in the Department of Medicine.

13. $10,000.00 from Burton Rubber Processing, Inc., Burton, Ohio, for the University Activities Center.

14. $10,000.00 from Greater Cincinnati Foundation, Cincinnati, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.

15. $10,000.00 from International Copper Research Association, Inc., New York, New York, for its fellowship in Welding Engineering.

16. $9,000.00 from Merrell-National Laboratories, Cincinnati, Ohio, for its Gastroenterology Research Fund.

17. $9,000.00 from Mr. and Mrs. Harold F. Zieg, Columbus, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.

18. $7,267.15 from NAPA Purchasing Educational Foundation, Inc., New York, New York, for doctoral grants and/or fellowships in the College of Administrative Science - Academic Faculty of Management Science, field of purchasing.

19. $7,045.00 from Mr. and Mrs. Ralph Kurtz, Tampa, Florida, for research in the College of Medicine.

20. $6,000.00 from Miles Laboratories, Inc., Elkhart, Indiana, for Allergy and Pharmacologic Research.

21. $5,000.00 from Armco Foundation, Middletown, Ohio, for its Professorship in Metallurgy.

22. $5,000.00 from Calgon Corporation, Pittsburgh, Pennsylvania, to support graduate research in the Department of Food Science and Nutrition.

23. $5,000.00 from W. Alton Jones Foundation, Inc., New York, New York, for scholarships in the Department of Animal Science.

24. $5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for the Modernization of the College of Education's Business Education Library.

25. $5,000.00 from Organon, Inc., West Orange, New Jersey, for renal disease research.
IV. GRANTS AND GIFTS (continued)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund (continued)

26. $5,000.00 from The Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for its fellowship fund in the College of Medicine.

27. $5,000.00 from The R. C. A. Rubber Company, Akron, Ohio, for the University Activities Center.

28. $5,000.00 from Rohm & Haas Company, Philadelphia, Pennsylvania, for its research fund in Chemistry.

29. $5,000.00 from Upjohn Company, Kalamazoo, Michigan, for gastroenterology research.

C. Gift-in-Kind


D. Establishment of Named Funds

1. $17,392.46 for the establishment of the Hazel C. Youngberg Memorial Fund.

Hazel C. Youngberg Memorial Fund

The Hazel C. Youngberg Memorial Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through The Ohio State University Development Fund from Hazel C. Youngberg, B.A. '08, late of San Francisco, California.

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

The principal and/or income may be used at the discretion of the Board of Trustees.

2. $2,500.00 for the establishment of the Kenneth G. Hornung Memorial Scholarship Fund.

Kenneth G. Hornung Memorial Scholarship Fund

The Kenneth G. Hornung Memorial Scholarship Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, friends, colleagues, and former students of Kenneth
IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

2. Kenneth G. Hornung Memorial Scholarship Fund (continued)

G. Hornung, B.M.E. '52, M.S. '52, Ph.D. '59, late of Columbus, Ohio, a member of the faculty of the Department of Mechanical Engineering at the time of his death in 1972.

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

The annual income is to be used to provide one or more scholarships to entering Freshmen who indicate a strong interest in pursuing the Mechanical Engineering program at The Ohio State University. Selection is to be made by the University Scholarship Committee, upon the recommendation of the Chairman of the Department of Mechanical Engineering.

Should the Department of Mechanical Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for mechanical engineering education.

3. $1,185.00 for the establishment of the Harvey Walker, Sr., Memorial Fund in Political Science.

Harvey Walker, Sr., Memorial Fund in Political Science

The Harvey Walker, Sr., Memorial Fund in Political Science was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, colleagues and friends of Harvey Walker, Sr., J.D. '48, Professor Emeritus, Department of Political Science, late of Worthington, Ohio.

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

The annual income is to be used to finance a fellowship or fellowships for outstanding students in Political Science or for any other purpose that will advance the study of Political Science at The Ohio State University, as determined by a three-member administrative committee appointed by the President of the University.
September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

3. Harvey Walker, Sr., Memorial Fund in Political Science (continued)

Should the Department of Political Science cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for political science education.

4. $1,005.50 for the establishment of the Inez Prudent Book Fund.

Inez Prudent Book Fund

The Inez Prudent Book Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund in memory of Dr. Inez Prudent, former chairman of the Food and Nutrition Division, School of Home Economics, College of Agriculture and Home Economics.

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

The income is to be used annually or bi-annually to purchase current books, periodicals or other scholarly materials of special interest to students and faculty in the Food and Nutrition Division of the School of Home Economics. In the event that the Home Economics Library facilities be enlarged in the near future, the principal may be drawn on or entirely used to establish a more complete library of reference materials.

5. $1,000.00 for the establishment of the Miriam R. and Benjamin Balshone Awards for Pharmacy.

Miriam R. and Benjamin Balshone Awards for Pharmacy

The Miriam R. and Benjamin Balshone Awards for Pharmacy were established September 8, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Benjamin Balshone, B.Sc. Pharmacy '40, and Miriam R. Balshone (Mrs. Benjamin), Commerce W'40, Columbus, Ohio, honoring and memorializing their parents, Mr. and Mrs. Joseph Balshone and Mr. and Mrs. Herman Rosenthal.
IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

5. Miriam R. and Benjamin Balshone Awards for Pharmacy (continued)

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

One-half of the annual income is to be awarded to the Senior in the College of Pharmacy who is most likely to succeed in community pharmacy. The award is to be at least $100 per year and is to be known as the "Benjamin Balshone Award."

One-half of the annual income is to be awarded to a member of the College of Pharmacy faculty, selected for recognition for good teaching. This annual award is to be known as the "Miriam R. Balshone Award for Distinguished Teaching"; the amount of the award is to be a minimum of $100 per year.

Selection of the winners of each of these annual awards is to be made under the direction of the Dean of the College of Pharmacy, according to criteria on file with the Dean and agreed to between Mr. Balshone and the Dean.

Should the College of Pharmacy cease to exist through any reorganization of the University, then the awardees are to be selected by the appropriate administrative official of the University who is then directly responsible for education in pharmacy.

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Boilers 6 & 7 (McCracken Power Plant)--Elimination of Atmospheric Pollution

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$127,900.00</td>
<td>$142,149.53</td>
<td>$14,249.53</td>
</tr>
</tbody>
</table>
September 8, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Boilers 6 & 7 (McCracken Power Plant)--
   Elimination of Atmospheric Pollution (continued)

   Revisions were made to the original specifications to add improvements
to more effectively reduce air pollution.

   Funds for these revisions have been provided by Budget Account 801179
   (Power Plant Boilers 6 and 7).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and
credit orders to contracts and expenditure of funds were approved and the
action of the Acting Vice President for Administrative Operations was ratified
by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President
Enarson recommended that the plans and specifications, bills of materials, and
estimates of cost for the following projects be approved by the Board of Trustees:

A. McCracken Power Plant--Additional Fuel-Oil Storage Tanks

   Due to the current energy crisis, resulting in a possible curtailment of
   natural gas to the University, it is essential that we have on hand adequate
   fuel-oil reserves to sustain the operation of McCracken Power Plant during
   the curtailment period. This project will provide an additional 250,000
gallons of fuel-oil storage for a total capacity of 660,000 gallons.

   Funds for this project have been provided from Budget Account 801270
   (Power Plant-Fuel-Oil Storage Tanks).

B. University Hall Complex

   The University Hall Complex consists of a reconstructed University Hall,
an Office Building, and an Auditorium Building with the latter being bid
as an additive alternate.

   Funds for this project have been provided from HB 531, Item 315-078,
   HB 988, Item 315-078.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations
were approved by unanimous roll call vote and the Secretary was authorized and
directed to sign the plans and specifications for the above projects for and on
behalf of the Board of Trustees. Acting Vice President Zimmerman was directed
to proceed with a request for bids in the normal University manner and if satisfac-
tory bids are received, to proceed with the award of contracts. All action
regarding this matter will be reported to the Board of Trustees at a later meeting.
VII. REPORT OF AWARD OF CONTRACTS

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

A. Erection of Educational Television Tower and Associated Facilities

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1 bid received 7-12-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stainless, Inc. (North Wales, Pa.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$173,400.00</td>
<td>$226,000.00</td>
</tr>
<tr>
<td>Option 3, Additional support for tower</td>
<td>16,705.00</td>
<td></td>
</tr>
<tr>
<td>Total Contract</td>
<td>$190,105.00</td>
<td>$226,000.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Accounts 801239 (WOSU-TV Improvements) and 134431 (WOSU Equipment).

B. University Hospital—Renovation of 11th Floor West

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3 bids received 7-28-72) Rebid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. L. Meyer Construction Co. (Columbus)</td>
<td>$ 30,437.00</td>
<td>$ 36,000.00</td>
</tr>
<tr>
<td>Plumbing Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2 bids received 7-20-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. H. Reeb Plumbing Company (Columbus)</td>
<td>27,362.00</td>
<td>55,876.00</td>
</tr>
<tr>
<td>Heating, Ventilating, and Air Conditioning Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2 bids received 7-20-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limbach Company (Columbus)</td>
<td>32,800.00</td>
<td>38,057.00</td>
</tr>
<tr>
<td>Total All Contracts</td>
<td>$ 90,599.00</td>
<td>$129,933.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 801257 (Air Condition and Remodel 11th Floor West, University Hospital).
VII. REPORT OF AWARD OF CONTRACTS

C. Stillman Hall Improvements

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(73 bids received 9-1-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leopold Construction (Columbus)</td>
<td>$ 20,300.00</td>
<td>$ 38,000.00</td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Heating, Ventilating, and Air Conditioning Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4 bids received 9-1-72)</td>
</tr>
<tr>
<td>Julian Speer Company (Columbus)</td>
</tr>
<tr>
<td>Base bid</td>
</tr>
<tr>
<td>Alt. M-1 Air condition basement</td>
</tr>
<tr>
<td>Total Contract</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electrical Contract</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(18 bids received 9-1-72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reco Electric, Inc. (Columbus)</td>
<td>16,750.00</td>
<td>39,815.00</td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. E-1 Electrical connections for M-1</td>
<td>- 1,650.00</td>
<td>+ 1,750.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$ 18,400.00</td>
<td>$ 41,565.00</td>
</tr>
</tbody>
</table>

| Total All Contracts                             | $ 69,630.00 | $105,400.00 |

Funds for this project have been provided from Budget Account 801260; HB 531, Item 315-074; HB 988, Item 315-074.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations ratified by unanimous roll call vote.

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

18 Approves the release of $172,140 from HB 988, Item 315-074 (Utilities and Renovations) to purchase the necessary switchgear to construct facilities to receive power from the Columbus and Southern Ohio Electric Company as a part of the project, "Electrical System Expansion."
VIII. CONTROLLING BOARD REQUESTS (continued)

19 Approves the award of contracts for the General, Plumbing, Heating, and Air Conditioning, and the Electrical Contracts on the project, "University College, Building No. 13" notwithstanding the fact that the electrical contract low bid was over the estimate of cost and the release of $2,740,890 from HB 988, Item 315-067 (University College Phase III) to provide funds for construction, equipment and contingencies to complete the project.

20 Approves the release of $183,000 from HB 988, Item 315-085 "The Ohio State University (in cooperation with the Central Ohio Technical Institute, Newark)" to purchase equipment for the new Central Ohio Technical Institute in Newark, Ohio.

1 Approves the release of $102,602 from HB 988, Item 315-068 for "College of Agriculture: Land, Barns and Teaching Facilities" for construction of fences needed and to complete the purchase of fixed equipment for the project "Animal Sciences Livestock Center."

2 Approves the purchase of the Charles S. Berry property 151-163 West 11th Avenue in the City of Columbus, Franklin County, at a cost of $91,000.

3 Approves the purchase of the Charles S. Berry and George Elum property, 114 West 10th Avenue, in the City of Columbus, Franklin County, at a cost of $19,250.

4 Approves the release of $50,000 for removal of architectural barriers on The Ohio State University Campus to aid the handicapped.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Purchase of Buildings and Property - South Campus

President Enarson recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 22, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 114 West 10th Avenue from Charles S. Berry and George Elum at a purchase price of $19,250.

Lots No. 12 and 13, John A. Evan's College View Addition, and one lot in Reserve A, University Heights Addition, Columbus, Franklin County, Ohio, and more commonly known as 151-163 West 11th Avenue from Charles S. Berry at a purchase price of $91,000.
IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Purchase of Buildings and Property - South Campus (continued)

The parcels will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 (Land) for the purchase of the properties. This purchase is in conformity with our Master Plan and the projected revisions which an approval will be requested at the October meeting of this Board.

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

B. Upham Hall, Air Conditioning and Electrical Improvement

Employment of Engineers

President Enarson recommended that the engineering firm of W. E. Monks and Company, Columbus, Ohio, be employed to provide complete professional engineering services for the above project, including design, preparation of drawings, specifications, estimate of cost, and field supervision as required.

This project will include the complete electrical renovation of Upham Hall, including new distribution systems and the completion of building air conditioning by means of through-wall units. Also included is the required ancillary general work associated with the program such as demolition, masonry, and surface patching and redecoration.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works. Fee calculation estimated to be 6 percent of the total project estimate of $358,917, plus $2,500 to be held in reserve for field services, if required. Therefore, the total estimate for the engineering for this project is $24,035. Funds for this work have been provided from Budget Account 801267 (Hospital Capital Reserve).

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

C. Improvement Projects for the Handicapped

The Ohio State University is well aware of the situation with respect to the needs of the handicapped in terms of facilities, accessibility, and convenience. In recent years all new construction and major remodeling projects have considered these needs and satisfied them within guidelines contained in the Ohio Building Code since January, 1967. This campus contains a great number of older buildings which are intensively used for teaching or employment which are not suitable for use of the handicapped. The existing street pattern provides severe obstructions to accessibility and mobility. Finally, the great size of the campus affords problems in terms of time and distance for those unable to drive or utilize standard transportation systems.
C. Improvement Projects for the Handicapped (continued)

Improvement projects to service the handicapped include access ramps, modification of elevators, and purchase of vans. Funds for these improvements projects are available as follows: The Controlling Board has authorized the expenditure of $50,000.00 from University funds, the Class of 1972 has collected $24,912.00, and the Ohio Rehabilitation Services Commission has provided approximately $300,000.00 for the proposed work on this project.

President Enarson recommended that the above outlined projects and expenditure of funds be approved.

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

President Enarson pledged his "personal commitment" to removing campus barriers to handicapped students.

X. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Herbert Herndon Baumer, Professor Emeritus in the School of Architecture; Loetta Lovejoy Hunt, Professor in the College of Education; Ormann R. Keyser, Instructor Emeritus in the Cooperative Extension Service; Florence L. Lloyd, Professor Emeritus in the School of Home Economics; and Herbert Anderson Toops, Professor Emeritus in the Department of Psychology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Herbert Herndon Baumer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 14, 1972, of Herbert Herndon Baumer, Professor Emeritus in the School of Architecture.

Professor Baumer was born in Montgomery, Alabama, on October 31, 1885. He was enrolled in a formal curriculum in architecture at George Washington University, Washington, D. C., while studying privately with Mr. Nathan Wyeth, a graduate of the Ecole des Beaux-Arts in Paris. Before entering the latter school himself in 1911, he served in Panama for four years as an architect in the office of the Chief Engineer of the Panama Canal. Extensive travel and professional experience were
X. RESOLUTIONS IN MEMORIAM (continued)

A. Herbert Herndon Baumer (continued)

Interspersed with Mr. Baumer's formal studies at the Ecole des Beaux-Arts, where he was a member of the Atelier Bernier-Pontremoli. Shortly after arrival of the first American troops in France, he was commissioned First Lieutenant of Engineers, U. S. Army. At the end of World War I, having been placed on inactive duty with the rank of Captain, he resumed his studies at the Ecole des Beaux-Arts and his professional work in the office of Achille Duchene, a prominent architect in Paris. He was awarded the "diplome d'architecte" in 1921, and a year later returned to the United States.

From 1923 until his retirement in 1956, Professor Baumer was an active participant in the affairs of The Ohio State University. His professional work on the Campus, executed under an appointment for collateral duty as assistant to University Architect Joseph X. Bradford, includes designs for Arps, Derby, Hamilton, and Pomerene Halls, McPherson Laboratory, the former Archaeological Museum, and Browning Theatre. National recognition and publicity marked the opening of science buildings designed by Professor Baumer for The Ohio State University, Antioch College, and Wittenberg College. In 1946, as Lieutenant Colonel, he was awarded the U. S. Army Commendation Ribbon in recognition of outstanding performance of duties as Chief of the Planning Section, Air Installations Division, Air Service Command, during World War II. In 1964, Professor Baumer was named a Fellow of the American Institute of Architects.

Alumni and colleagues are inclined to remember the substance of Professor Baumer's day-to-day lessons even more clearly than the acknowledged excellence of his professional work. In particular, his courses in the theory of architecture and his individual instruction in architectural design have earned for him that special blend of respect and gratitude which is reserved for the truly great teacher.

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

B. Loetta Lovejoy Hunt

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 21, 1972, of Loetta L. Hunt, Professor in the College of Education.

Mrs. Hunt joined the faculty at The Ohio State University in 1952. She had served, prior to that time, as a teacher in special education, beginning in 1927. Her area of specialty was the education of blind and visually impaired children. While on the faculty, she developed the present teacher preparation program in that area. It remains, today, the only such program in the State of Ohio.
X. RESOLUTIONS IN MEMORIAM (continued)

B. Loetta Lovejoy Hunt (continued)

Mrs. Hunt received her bachelor's degree from Kent State University in 1934, and five years later, a master's degree in education from the University of Pittsburgh. She did advanced graduate work at the University of Cincinnati.

Mrs. Hunt was a member of numerous professional groups and was very active in those specializing in the education of exceptional children and youth. She was a life member of the Council for Exceptional Children and had served as President of the local chapter.

Mrs. Hunt was noted for her devotion to her students and to the Faculty for Exceptional Children. She will be missed and remembered by many students, colleagues, and friends.

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

C. Ormann R. Keyser

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 25, 1972, of Ormann R. Keyser, Instructor Emeritus in the Cooperative Extension Service.

Mr. Keyser was born January 1, 1892, in Cleveland, Ohio. He spent the early years of his life on a farm, and graduated from high school in Homerville, Ohio, in 1910. He was engaged in farming, in addition to service in the U. S. Army prior to attending The Ohio State University where he received his B.Sc. degree in Agricultural Engineering in 1922. Additional graduate education courses were taken at The Ohio State University relating to his work in Cooperative Extension and to his favorite subject matter area of agricultural engineering.

From 1922 to 1923 Mr. Keyser was County Extension Agent in Adams County. On March 1, 1923, he transferred to the County Extension Agent position in Stark County, Ohio. This was the position he retired from on January 31, 1957, culminating 35 years of service to the University and to the people of Ohio.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Keyser earned and enjoyed the respect and admiration of the people of Stark County and of his fellow workers. His ability in planning and conducting educational programs was widely recognized. Throughout the years he championed the cause of the farmer and was particularly noted for his honest and forthright expression.
X. RESOLUTIONS IN MEMORIAM (continued)

C. Ormann R. Keyser (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Keyser its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Keyser as a sincere expression of sympathy and respect.

D. Florence L. Lloyd

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 3, 1972, of Florence L. Lloyd, Professor Emeritus in the School of Home Economics.

Miss Lloyd was born in Havre, Montana, on December 21, 1911. She received her Bachelor of Science degree in home economics in 1932 and her Master of Science degree in 1934, both from Montana State University.

Miss Lloyd taught high school home economics in Glendive and Bozeman, Montana, after graduation. In 1941 she joined the University of Iowa home economics faculty as a supervisor of student teachers. From 1944 to 1948 she was an Assistant Professor of home management and food at the University of Washington.

Miss Lloyd came to The Ohio State University as an Assistant Professor of home management in 1948. She attained the rank of Associate Professor in 1956. Upon her retirement due to illness in December, 1971, she was granted the title, Professor Emeritus. She gave leadership to the home management houses and to the management core course. Many innovations in these areas took place under her direction. Throughout the years she had a particular interest and concern for the role of women. This interest was reflected in her work with students and her professional and civic affiliations. Her major activities included Legislative Chairman for Ohio Home Economics Association, Coordinator for Commission on Status of Women-American Home Economics Association, Columbus Consumer Credit Counseling Service, Electrical Women's Roundtable and American Association University Women.

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

E. Herbert Anderson Toops

The Board of Trustees expresses its sorrow at the death on August 12, 1972, of Herbert Anderson Toops, Professor Emeritus in the Department of Psychology.
Herbert Anderson Toops was born in Klousville, Ohio, on September 18, 1895. He attended Ohio Wesleyan University for two years 1912-1914, before transferring to The Ohio State University where he received both the A.B. and B.Sc. in Education degrees in 1916. He also received his M.A. from Ohio State in 1917. He received his Ph.D. degree in Psychology from Teacher's College of Columbia University in 1921.

Dr. Toops served as Research Associate at the Institute of Educational Research at Teachers College (Columbia) from 1921 to 1923. He came to Ohio State as Assistant Professor of Psychology in 1923. He was promoted to Professor in 1927 and served in that capacity until his retirement in 1965 when he became Professor Emeritus.

Dr. Toops founded the Quantitative Area of the Department of Psychology. His courses in elementary and advanced statistics, with emphasis upon correlational analysis, were used as a major and minor in that area and as elective courses for other graduate students in Psychology and many other behavioral science disciplines. He also taught courses in vocational guidance and in applied motivation. The IBM corporation, early recognizing his contributions in the area of data processing, donated free use of a computer to the Department of Psychology almost twenty years before the University had any other computer. He very early took over the administration of the University's aptitude testing program. In that connection, he developed the Ohio State Psychological Examination which he supervised through twenty-four revisions. As long time Chairman of the Department's Personnel Committee, he devised and administered a quantitative method for screening, selecting, and utilizing the department's graduate students.

Dr. Toops advised sixteen Ph.D. and twenty M.A. candidates to degrees during his forty-three year tenure. His first Ph.D. advisee stayed on at Ohio State for twenty years and founded the University's first vocational guidance center, later to become the Student Counseling Center. His second Ph.D. advisee returned to Ohio State as a Professor in 1948 and served as Chairman of the Department of Psychology (1960-1970). Another advisee became Chairman at the University of North Carolina and still another was Chairman at Iowa State University. The latter also served as Vice President for Student Affairs. Two of his advisees received honorary Alumni Awards at the recent University Centennial celebration.

Dr. Toops' Ohio State Psychological Examination was nationally recognized for its high validity. It was adopted as the official aptitude test by the Ohio College Association and Dr. Toops served that organization in an official capacity for many decades.
September 8, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herbert Anderson Toops (continued)

Dr. Toops served, during World War II, as Consultant to the Secretary of War in 1944 and as Consultant to the National Roster of Scientific and Specialized Personnel in 1945. He also served as Consultant to the U. S. Navy, 1947-1948, and for many years as a Consultant to the National Research Council in the area of questionnaire construction and analysis.

Dr. Toops was widely recognized for his many contributions in simplified computational methods in the field of statistics. His concepts of the addend and the ulstrith were major contributions in the field of data coding and storage. His Multiple Ratio method and his $L$ method were pioneering landmarks in the areas of selecting tests for batteries and for selecting items for tests.

Dr. Toops was a member and/or fellow of over a dozen national learned and professional societies in the areas of Psychology, Statistics, and Sociology. These many memberships marked him as a man of wide theoretical and practical interests. He wrote several books and hundreds of articles and reports. Everyone who met and knew him was impressed by his creativity.

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

XI. REPORTS

A. Report from the Retirement and Insurance Committee

1. Post-retirement Benefits

Mr. Gushman, Chairman of the Retirement and Insurance Committee of the Board of Trustees, recommended that termination of pre-retirement death and health insurance coverage under the University’s John Hancock contract coincide with the University’s compulsory retirement date for employees, thereby providing that such coverage continue during the employee's covered employment with the University and terminate no later than 12:00 p.m. of the last day of the employee’s contractual period with the University during which the employee attains age 70.
September 8, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

1. Post-retirement Benefits (continued)

The University post-retirement death and major medical benefits shall not become effective in respect to any individual until he shall have terminated covered O.S.U. employment and shall have met such other requirements as are then in effect in respect to such programs.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated September 8, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

President Enarson concluded the meeting by making the following statement:

I want to speak of some items which I think are of interesting consequence but which do not require Board action. Some are problems, some are achievements, some are matters of human interest, and some are just matters of my interest.

First I want to report that our four Regional Campuses have been fully accredited by the North Central Association. You may think, 'so what?' but I can assure you that John Mount did a superb job in preparing the necessary materials for the visits by the four North Central accrediting teams. I can assure you that it is profoundly embarrassing to a major University not to have its branch campuses accredited. This happened at the University of Colorado and it lost, as a result, substantial public support. Not only were our Regional Campuses accredited but the prose which was used in applauding our programs was pleasantly enthusiastic.

This is, as Chairman Eckley said, my first opportunity to report to the Board formally. I must say I have had an extraordinarily busy week. In fact, my personal biological clock suggests it's a month! Mrs. Enarson and I have been greeted with the greatest kindness and courtesy by people at every level of the organization and I thought you would like to know that.

As an amateur student at organization, I am always on the lookout for clues that tell you something about system and about people. I find it heartening when I arrive at the Administration Building at five minutes to eight each morning (except this morning when I forgot my glasses and had to go back and got here at ten minutes after eight) to find our personnel
President Enarson’s statement (continued)

moving into the building with dispatch and with smiles on their faces. And I think that matters.

I suppose the awful truth is that I have fallen behind before I am even started in this job. The calendar fills up weeks ahead and this is before we have even gotten underway with the business of the University which is teaching and learning. We have almost the ideal condition of the University when there are only administrators and faculty around. It’s the kind of thing that all of us really want in our hearts and never have. I can see that my objective of not being bound to the office and getting around the campus is going to be extraordinarily difficult to achieve.

In conclusion, I simply want to say that I hope that not only the Trustees but the faculty, my new colleagues on the administrative team, and certainly the students will have to bear with me as I learn about this extraordinarily complex, diverse, fascinating, highly productive University. And this will take time. I am heartened, however, by William Oxley Thompson’s remark found in Pollard’s book that says, ‘He went into his office, he rolled up his sleeves, and he went to work.’ And, that’s what I am trying to do and with everybody’s help, and if none of you will phone me for at least six months we will be in business.

Thereupon the Board adjourned to meet Friday, October 13, 1972, at the Williams Hall Conference Room, Ohio Agricultural Research and Development Center, Wooster, Ohio at 10:00 a.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman
The Board of Trustees met at its regular monthly meeting on Friday, October 13, 1972, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
October 13, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN

Mr. Eckley announced the appointment of Patricia D. James to the Special Committee on Presidential Housing.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Campus Master Plan

It is proposed that the official comprehensive master plan map, adopted by the Board of Trustees on February 16, 1962, and amended on eight subsequent occasions, be amended further in the following ways and for the reasons indicated:

1. Planning studies have been completed for that area of the campus occupied by the College of Veterinary Medicine and the College of Agriculture and Home Economics to reflect revised programs and enrollment patterns which will necessitate modified building needs and land uses.

2. A study has been completed of that portion of the proposed campus loop road located generally south of 11th Avenue and east of Neil Avenue. This study was undertaken because this portion of the proposed campus loop road is the only section not entirely on land now owned by the University. It now appears prudent because of limited financial resources to locate the proposed road further north so as to contract the previously authorized land acquisition boundary for this project.

The map changes associated with these changes to the comprehensive master plan are shown on the accompanying map, and are totally consistent with the principles and concepts approved by the Board of Trustees in adopting the comprehensive master plan in 1962.

President Enarson recommended that the Board of Trustees now approve the comprehensive master plan changes as depicted on the accompanying map and the related policy regarding land acquisition, that all previous actions of the Board of Trustees with respect to the comprehensive master plan be reaffirmed, and that a copy of said map be filed by the Secretary with the "Campus Master Plan Study - Phase II" report submitted December 12, 1961.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget

In an effort to keep the Board of Trustees current on the University's financial situation, quarterly statements of major changes in the 1972-73 budget as approved on June 2, 1972, will be made during the year. For the first quarter, there were no major changes to either the budgeted income or budgeted expense with the single exception that the beginning balance originally estimated to be $2,016,807 was actually $3,763,612 due to unexpected increases in income sources and budget savings effected at the end of the 1971-72 period.

### BUDGETED EXPENDITURES

<table>
<thead>
<tr>
<th></th>
<th>Original Budget June 2, 1972</th>
<th>Revised Budget September 30, 1972</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Budgets - Central Campus</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel Services</td>
<td>$101,394,972</td>
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<td>$0</td>
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<tr>
<td>Operating and Equipment</td>
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<tr>
<td>All Other</td>
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<td>11,312,131</td>
<td>1,746,805</td>
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<tr>
<td>Ending General Reserve</td>
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<td>2,000,000</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$133,849,987</td>
<td>$135,596,792</td>
<td>$1,746,805</td>
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<tr>
<td><strong>Regional Campuses</strong></td>
<td>$5,396,387</td>
<td>$5,396,387</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Restricted Budgets/Expenditures</strong></td>
<td>$48,205,000</td>
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<td>$0</td>
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<tr>
<td><strong>Rotary and Auxiliary Budgets</strong></td>
<td>$86,644,000</td>
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<td>$0</td>
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<tr>
<td><strong>Grand Total</strong></td>
<td>$274,095,374</td>
<td>$275,842,179</td>
<td>$1,746,805</td>
</tr>
</tbody>
</table>

### SOURCES OF INCOME

<table>
<thead>
<tr>
<th></th>
<th>Original Budget June 2, 1972</th>
<th>Revised Budget September 30, 1972</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Central Campus</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Subsidy</td>
<td>$65,743,666</td>
<td>$65,743,666</td>
<td>$0</td>
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<tr>
<td>Student Fees</td>
<td>45,175,000</td>
<td>45,175,000</td>
<td>$0</td>
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<tr>
<td>Other Unrestricted Income</td>
<td>16,465,445</td>
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<td>$0</td>
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<tr>
<td>Carry Forward from 1971-72</td>
<td>4,449,069</td>
<td>4,449,069</td>
<td>$0</td>
</tr>
<tr>
<td>Beginning General Reserve</td>
<td>2,016,807</td>
<td>3,763,612</td>
<td>1,746,805</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$133,849,987</td>
<td>$135,596,792</td>
<td>$1,746,805</td>
</tr>
</tbody>
</table>
October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget (continued)

SOURCES OF INCOME (continued)

<table>
<thead>
<tr>
<th></th>
<th>Original Budget June 2, 1972</th>
<th>Revised Budget September 30, 1972</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional Campuses - All Sources</td>
<td>$5,396,387</td>
<td>$5,396,387</td>
<td>$0</td>
</tr>
<tr>
<td>Departmental Earnings</td>
<td>4,500,000</td>
<td>4,500,000</td>
<td>0</td>
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<tr>
<td>University Services</td>
<td>2,460,000</td>
<td>2,460,000</td>
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<tr>
<td>Auxiliary Operations</td>
<td>79,684,000</td>
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<tr>
<td>Restricted Funds</td>
<td>48,205,000</td>
<td>48,205,000</td>
<td>0</td>
</tr>
<tr>
<td>Grand Total</td>
<td>$274,095,374</td>
<td>$275,842,179</td>
<td>$1,746,805</td>
</tr>
</tbody>
</table>

The major sources from which this increase of $1,746,805 were generated:

- Expenditures Less Than Budgets:
  - Personnel Services: $184,000
  - Contingency Reserve: 207,000
  - Expanded Programs Reserve: 294,000
  - Various Operating Funds: 103,000

- Decrease in Budgets:
  - Physical Plant: 144,000
  - Construction Projects: 199,000
  - Expanded Programs: 210,000

- Increases in Income:
  - Indirect Overhead: 147,000
  - Unrestricted Endowments and Gifts: 174,000
  - Other Miscellaneous: 84,805

Total: $1,746,805

These resources, because of their one-time nature are being expended for a number of high priority remodeling and building improvement projects which were not provided through State allocations, including improvement...
October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget (continued)

in the storage and use of fuel and utilities, as well as a reserve against possible utility and other essential service rate increases so as to protect the general budget.

President Enarson recommended that the foregoing report as submitted be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

C. Resolution of The Ohio State University Housing Commission Pertaining to the Lincoln Tower Dormitory Facility

At a meeting on September 26, 1972, The Ohio State University Housing Commission adopted the following resolution which authorizes the Commission to lease space in the Lincoln Tower dormitory facility to the University on a temporary basis for administrative and academic space needs.

WHEREAS, the Board of Trustees of The Ohio State University in a continuing effort to provide housing for the rapidly increasing numbers of students wishing to attend this University created and in turn entered into an agreement dated December 10, 1964, with The Ohio State University Housing Commission in which the Commission agreed to provide the necessary funding and construction of additional residential facilities to 'alleviate the shortage of housing' for students on the Columbus campus, and

WHEREAS, the Housing Commission under a trust agreement dated April 1, 1965, issued Dormitory Revenue Bonds to finance the construction of Lincoln and Morrill Towers for the purpose of providing additional residential facilities, and

WHEREAS, the 108th General Assembly upon the recommendation of the Ohio Board of Regents incorporated within its appropriation for The Ohio State University an enrollment limitation which necessitated a significant reduction in the number of freshmen entering this University for the past three successive years, 1970, 1971 and 1972, which equivalently reduces the sophomore class each subsequent year, and
October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Resolution of The Ohio State University Housing Commission Pertaining to the Lincoln Tower Dormitory Facility (continued)

WHEREAS, these enrollment reductions resulted in the concomitant reduction in the number of students required to live in University housing under the parietal rule established by The Ohio State University Board of Trustees' action on September 1, 1958, and as modified on February 11, 1965, and

WHEREAS, the University has determined that its parietal rules are as stringent as possible under all existing circumstances and are being strictly enforced, and

WHEREAS, the number of students either required or electing to live in the University dormitory facilities during the academic year 1972-1973 is insufficient to support the economic operation of Lincoln Tower for dormitory or dining purposes, and

WHEREAS, this University has urgent short term space needs to support its academic, research and service commitments, and

WHEREAS, the essence of Section 5 of the December 10, 1964, agreement provides that students need not be assigned to these facilities of the Housing Commission if, under the legal and practical limits to imposing parietal rule requirements, students cannot be so assigned in adequate numbers to permit economical operation of the University's housing system, but

WHEREAS, the 'Pledged Receipts' from Lincoln and Morrill Towers are the sole source of income presently securing the Housing Commission Bonds, now

THEREFORE BE IT RESOLVED that the Housing Commission may rent space in Lincoln Tower to The Ohio State University under such terms and conditions as are deemed appropriate by the Housing Commission, the Board of Trustees of the University and legal counsel for the Housing Commission effective immediately and until the beginning of the Autumn Quarter, 1973 with the understanding that during this interim period no structural modification will be made which will preclude the possible return of this facility to dormitory and dining use.
October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Resolution of The Ohio State University Housing Commission Pertaining to the Lincoln Tower Dormitory Facility (continued)

AND FURTHER BE IT RESOLVED that the President of the University will undertake a comprehensive study to determine this University's long range dormitory needs and based upon this study present a series of recommendations to the Housing Commission and in turn to the Board of Trustees for its consideration and action no later than February 2, 1973.

It was recommended that the President of the University be authorized to enter into a lease arrangement between the University and the Housing Commission which will accommodate short-term space needs of the University required to support its academic, research and service commitments and which is consistent with the requirements of the Housing Commission expressed in its resolution of September 26, 1972, authorizing rental of Lincoln Tower space to the University.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

D. Amendment to Federal Aviation Agency Grant Agreement (Project No. 8-39-0027-01)

The Board of Trustees on June 2, 1972, approved an Agreement with the Federal Aviation Agency in the amount of $1,279,332 providing for a number of improvements to support the increased operational activities at Don Scott Field. Because of the location of two University farm structures, the Federal Aviation Agency is now requesting that this Agreement be amended so as to accommodate an extension of the parallel east-west runway on the north side of the airport which is presently 3,000 feet in length to 5,000 feet.

It was recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to approve this Amendment to the existing Grant Agreement for Project No. 8-39-0027-01, as appended hereto, so as to provide for the eventual extension of the runway as provided above and to modify the Don Scott Field Master Plan accordingly. (See Appendix IV, page 203.)

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

II. PERSONNEL CHANGES

Personnel changes since the September 8, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:
October 13, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions

Charles L. Mand from Professor in the School of Health, Physical Education and Recreation to Professor and Chairman of the Division of Physical Education in the School of Health, Physical Education and Recreation, effective immediately, at a salary of $18,648.00 per annum (9-month appointment).

Marjorie Pierson McMillin from Associate Professor in the School of Social Work to Associate Professor and Assistant Director in the School of Social Work, effective immediately, at a salary of $17,088.00 per annum (12-month appointment).

Richard W. Parkinson from Professor in the Department of Engineering Graphics to Professor and Acting Chairman in the Department of Engineering Graphics, effective immediately, at a salary of $21,132.00 per annum (9-month appointment).

B. Leaves of Absence Without Salary

Ralph E. Franklin, Professor, Department of Agronomy, effective September 1, 1972 through June 30, 1973, to work as a soil research scientist with the Atomic Energy Commission.

J. Marshall Hanna, Professor, Academic Faculty of Vocational-Technical Education, effective April 1, 1973 through June 30, 1973, for personal reasons.

E. Paul Taiganides, Professor, Department of Agricultural Engineering, effective October 1, 1972 through October 31, 1972, to serve as consultant for the United Nations in Poland and Czechoslovakia.

Inez Ray Wells, Professor, Academic Faculty of Vocational-Technical Education, effective October 1, 1972 through December 31, 1972, for personal reasons.

John P. Cashbergue, Associate Professor, School of Allied Medical Professions - Medical Dietetics Division, effective September 15, 1972 through June 30, 1973, to pursue academic studies.
II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Regina Ann Brown, Instructor, University Library, effective October 16, 1972 through November 30, 1972, for personal reasons.

George D. Coder, Instructor, Lima Regional Campus, effective October 1, 1972 through September 30, 1973, to complete work on his Ph.D. thesis.

Bonnie Lee Iyle, Instructor, School of Nursing, effective September 18, 1972 through March 25, 1973, for personal reasons.

Joyce McDowell, Instructor (County Extension Agent, Home Economics) Adams County, Cooperative Extension Service, effective September 16, 1972 through October 31, 1972, for personal reasons.

C. Emeritus Titles

Marion L. Ainsworth, Department of Pediatrics, with the title Clinical Professor Emeritus, effective September 1, 1972.

James G. Haub, Department of Zoology, with the title Professor Emeritus, effective October 1, 1972.

Nicholas Michael, Department of Psychiatry, with the title Clinical Professor Emeritus, effective July 1, 1972.

Eva D. Wilson, School of Home Economics, with the title Professor Emeritus, effective August 1, 1972.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

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

SUMMARY

(August 12, 1972 - September 15, 1972)

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
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<tr>
<td>Contracts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government Research - Federal</td>
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<tr>
<td>Industrial and Other Research</td>
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<td>285,396.00</td>
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<tr>
<td>Grants</td>
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<tr>
<td>Government Research - Federal</td>
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</tr>
<tr>
<td>Government Research - State</td>
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<td>155,127.00</td>
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<tr>
<td>Industrial and Other Research</td>
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</tr>
<tr>
<td>Totals</td>
<td>40</td>
<td>$2,586,854.00</td>
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</table>

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.
October 13, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal

   a. Department of the Air Force, Air Force Systems Command,
      Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00004 - Department of Electrical Engineering). Gross Value - $26,997.00.


   c. Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Termination Settlement and Negotiation Course (to be known as Project No. 3150-A1 - Mod. #4 - College of Administrative Science, Continuing Education). Gross Value - $28,270.00.


   f. Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Environmental Analysis of Central Ohio (to be known as Project No. 3492-A1 - New - College of Biological Sciences, Ohio Biological Survey). Gross Value - $50,000.00.

October 13, 1972 meeting, Board of Trustees

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

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

1. Government Research Contracts - Federal (continued)

   Gross Value - $20,000.00.

   Gross Value - $66,000.00.

   j. Department of Transportation, Federal Highway Administration, Washington, D.C., Field Test and Evaluation Center for Eastern States (to be known as Project 3535-A1 - New - Engineering Experiment Station).
   Gross Value - $285,000.00.

TOTAL - Government Research Contracts - Federal $1,286,393.00

2. Industrial and Other Research Contracts

   a. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885 - Ext. #15 - Department of Biophysics).
   Gross Value - $18,996.00.

   Gross Value - $13,000.00.

   c. Edison Electric Institute, New York, New York, Stress Corrosion Cracking of Stainless Steels and Inconels (to be known as Project No. 3507-A1 - New - Department of Metallurgical Engineering).
   Gross Value - $249,800.00.

   d. Environment Control Corporation, Painesville, Ohio, Frequency and Structure of Temperature Inversions, Cedar Bog, Ohio (to be known as Project No. 3534-A1 - New - Department of Botany).
   Gross Value - $3,600.00.

TOTAL - Industrial and Other Research Contracts $285,396.00
October 13, 1972 meeting, Board of Trustees

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

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

   a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds (to be known as Project No. 1809-G - Sup. #1 - Department of Chemistry).
      Gross Value - $12,944.00.

   b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biophysical Mechanisms of Cardiac Membranes Responses (to be known as Project No. 2085-G - Ext. #7 - Department of Pharmacology).
      Gross Value - $46,591.00.

   c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as Project No. 2090-G - Ext. #7 - Department of Physiological Chemistry).
      Gross Value - $31,889.00.

      Gross Value - $26,224.00.

   e. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #6 - Department of Geodetic Science).
      Gross Value - $40,716.00.

   f. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crises (to be known as Project No. 2673-D - Ext. #4 - Department of Sociology).
      Gross Value - $108,647.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

3. Government Research Grants Federal (continued)

   g. National Science Foundation, Washington, D. C., Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as Project No. 3028-A1 - Amend. #1 - Department of Chemistry).
      Gross Value - $42,400.00.

      Gross Value - $40,200.00.

   i. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #2 - Department of Electrical Engineering).
      Gross Value - $44,800.00.

      Gross Value - $37,800.00.

      Gross Value - $23,644.00.

   l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Control of Differential Gene Action and Morphogenesis (to be known as Project No. 3307-A2 - Ext. #1 - Department of Biochemistry).
      Gross Value - $22,241.00.

      Gross Value - $40,400.00.

      Gross Value - $35,300.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

3. Government Research Grants - Federal (continued)

  o. National Science Foundation, Washington, D. C., Coalition Formation and Group Structuring (to be known as Project No. 3524-A1 - New - Department of Sociology).
     Gross Value - $51,900.00.

     Gross Value - $28,900.00.

     Gross Value - $40,600.00.

     Gross Value - $45,552.00.

  s. National Science Foundation, Washington, D. C., Thermodynamics of Photosynthesis (to be known as Project No. 3530-A1 - New - Department of Biophysics).
     Gross Value - $20,000.00.

     Gross Value - $25,200.00.

  u. National Science Foundation, Washington, D. C., Metal Carbonyls and Metal-Carbons Bonds (to be known as Project No. 3536-A1 - New - Department of Chemistry).
     Gross Value - $26,300.00.
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

3. Government Research Grants - Federal (continued)

v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, New Chemotherapy of Sickle Cell Disease (to be known as Project No. 3537-A1 - New - Department of Medicine).
Gross Value - $57,910.00.

TOTAL - Government Research Grants - Federal $850,158.00

4. Government Research Grants - State

a. State of Ohio, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency - Phase II (to be known as Project No. 3520-A1 - New - College of Administrative Science, Public Administration).
Gross Value - $141,922.00.

b. State of Ohio, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency - Phase II (to be known as Project No. 3520-B1 - New - Department of Sociology).
Gross Value - $13,205.00.

TOTAL - Government Research Grants - State $155,127.00

5. Industrial and Other Research Grants

a. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Determination of the Mechanisms Underlying Radiation Resistance in Chronic Granulocytic Leukemia (to be known as Project No. 3521-A1 - New - Department of Radiology).
Gross Value - $4,950.00.

Gross Value - $4,830.00.

TOTAL - Industrial and Other Research Grants $9,780.00
III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

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

SUMMARY

(Period: August 12, 1972 - September 15, 1972)

<table>
<thead>
<tr>
<th>No. of Projects</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Research Contract</td>
<td>1</td>
</tr>
</tbody>
</table>

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Industrial Research Contract

   EES 427X  Utilization of Sonic Power in Agricultural Applications,
             Lilliston Corporation, Albany, Georgia.
   Gross Value - $11,482.00.
October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY
(Period: August, 1972)

Grants
Office of Finance and Treasurer $3,628,375.00

Fiscal Year July 1, 1972 - August 31, 1972

Gifts
The Ohio State University Development Fund

<table>
<thead>
<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Solicitation</td>
<td>7,119</td>
<td>$149,879.62</td>
</tr>
<tr>
<td>Major Resources Group:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Individual Gifts</td>
<td>110</td>
<td>$351,684.02</td>
</tr>
<tr>
<td>Corporate Gifts</td>
<td>78</td>
<td>235,962.09</td>
</tr>
<tr>
<td>Foundation and Non-profit Organization Gifts</td>
<td>70</td>
<td>229,557.60</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>817,203.71</td>
</tr>
<tr>
<td>Grand Total</td>
<td>7,377</td>
<td>$967,083.33</td>
</tr>
</tbody>
</table>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.
October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer


2. $1,279,332.00 granted by Federal Aviation Agency, Washington, D. C., to the University for support of the project for development of the University Airport (Project No. 8-39-0027-01). (Contract No. DOT-FA-72-GL-6722)

3. $260,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., to the University for curriculum development basic to the training of individuals for employment in agri-business, natural resources, and environmental protection, under the direction of the Department of Agricultural Education, for the period June 15, 1972 through June 14, 1974. (Contract No. OEC-0-72-4677)

4. $61,295.00 granted by Environmental Protection Agency, Washington, D. C., to the University for Multi-disciplinary Training in Water Pollution Control, under the direction of the Water Resources Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 900130)

5. $35,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois, to the University for Traineeships in Speech Pathology and Audiology, under the direction of the Department of Speech Communication, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25121/5-09)

6. $27,210.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois, to the University for Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25124/5-09)
IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. $20,379.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois, to the University for Training in Medical Sociology, under the direction of the Department of Sociology, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25120/5-08)

8. $17,670.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. B 7 45 0430 15 1)

9. $15,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois, to the University for Occupational Therapy Undergraduate Traineeships, under the direction of the School of Allied Medical Professions, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25123/5-08)

10. $10,368.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training Grant in Endocrinology, under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1972 through June 30, 1973. (Grant No. 3 T01 AM05403-0951)

11. $4,780.00 granted by The Ford Foundation, New York, New York, to the University for Black American Doctoral Fellowship, under the direction of the Graduate School, for the academic year 1972-1973. (Project No. 719-0021)

12. $1,659.00 granted by U.S. Department of Justice, Law Enforcement Administration, Washington, D.C., to the University for support of Law Enforcement Education Program for the fiscal year July 1, 1972 through June 30, 1973. (Transaction No. 003090-2-73-1-1)

13. $1,388.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. G 7 45 0430 15 1)
IV. GRANTS AND GIFTS (continued)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund

1. $57,042.00 from Ohio Lions Eye Research Foundation, Springfield, Ohio--$31,680.00 for research in the Department of Ophthalmology and $25,362.00 for research in the College of Optometry.

2. $25,475.27 from the Estate of Lucille Morrissey Denney, Columbus, Ohio--$12,737.64 for the Department of Music and $12,737.63 for the Denney Shakespeare collection.

3. $25,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Battelle Professorship in Metallurgical Engineering.

4. $24,000.00 from E. F. Wildermuth Foundation, Columbus, Ohio, for scholarships in the College of Optometry.

5. $22,316.59 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine.

6. $17,900.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

7. $12,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

8. $10,000.00 from the Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for its scholarship fund in Engineering.

9. $10,000.00 from Mr. and Mrs. Cyril R. Porthouse, Kent, Ohio, for the Novice G. Fawcett Chair in Educational Administration.

10. $10,000.00 from Ross Laboratories, Columbus, Ohio, for its research fund in Dairy Food Chemistry.

11. $9,600.00 from G. D. Searle & Company, Chicago, Illinois, for its fund in the Department of Pharmacology.

12. $9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.

13. $8,400.00 from the International Nickel Company of Canada, Ltd., New York, New York, for its fellowship in Metallurgical Engineering.

14. $8,200.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.
October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of $5,000 or More Received Through The Ohio State University Development Fund

15. $7,500.00 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--$5,000.00 for the Student Memorial Fund in the College of Dentistry and $2,500.00 for the Snyder Research Memorial Fund in the College of Medicine.

16. $6,000.00 from The Procter and Gamble Company, Cincinnati, Ohio, to establish a fellowship in the Department of Mechanical Engineering.

17. $5,000.00 from NOBA, Inc., Tiffin, Ohio, for research in the Department of Dairy Science.

18. $5,000.00 from Parke-Davis, Detroit, Michigan, for its research in the College of Medicine.

C. Gifts-in-Kind

1. Movie posters from Mr. Philip Sills, Riverdale-on-Hudson, New York, for the College of The Arts.

2. Movie inserts from Mr. Frederick R. Adler, New York, New York, for the College of The Arts.

3. On June 10, 1965, the Board of Trustees accepted through the Development Fund, the personal collection of American Cicadellidae from Dr. Dwight M. De Long, a member of this University's faculty. Dr. De Long has now offered to make a gift of more than 12,000 additional specimens to be added to this collection. In accepting this gift the same conditions are agreed to as set forth at the time of the original gift.

D. Establishment of Named Funds

1. $19,386.22 for the establishment of The Kate Deterly Gordon Memorial Fund.

The Kate Deterly Gordon Memorial Fund

The Kate Deterly Gordon Memorial Fund was established October 13, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Ruth Gordon (B.A. '06) late of Columbus, in memory of her mother, Kate Deterly Gordon.
October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

1. The Kate Deterly Gordon Memorial Fund (continued)

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

The annual income is to be used by the College of Mathematics and Physical Sciences for the higher education of persons especially talented in the field of mathematics and/or allied or associate courses; said persons to be selected upon the recommendation of the Dean of the College of Mathematics and Physical Sciences.

Should the College of Mathematics and Physical Sciences cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for mathematical sciences.

2. $10,000.00 for the establishment of The Ruth Gordon Memorial Fund.

The Ruth Gordon Memorial Fund

The Ruth Gordon Memorial Fund was established October 13, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Ruth Gordon in memory of herself. Miss Gordon was a resident of Columbus and earned a Bachelor of Arts degree in 1906.

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

The annual income to be used by the College of The Arts for the higher education of persons especially talented in the field of piano music education; said persons to be selected upon the recommendation of the Dean of the College of The Arts.

Should the College of The Arts cease to exist, through any reorganization of the University then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in the field of piano music.
IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

3. $1,000.00 for the establishment of the Dennis A. Nabors, D.D.S., '32 Scholarship.

The Dennis A. Nabors, D.D.S., '32 Scholarship

The Dennis A. Nabors, D.D.S., '32 Scholarship was established October 13, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dennis A. Nabors, Jr., D.D.S., 1961, Cincinnati, Ohio, in honor of his father, Dennis A. Nabors, Sr., D.D.S., 1932.

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

Annual income is to be added to the principal. Starting in 1982, in honor of Dr. Nabor's 50th anniversary of graduation from the College of Dentistry, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Dentistry who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the dean of the College of Dentistry.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Dean of the College of Dentistry.

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Biological Sciences Building - Air Conditioning Rooms 116, 120, 127, and 129

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$15,300.00</td>
<td>$15,951.60</td>
<td>$651.60</td>
</tr>
</tbody>
</table>
V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Biological Sciences Building - Air Conditioning Rooms 116, 120, 127, and 129 (continued)

During construction it was found necessary to provide isolating walls above finished ceilings where it was not possible to make an examination during the design period.

Funds for this revision have been provided by Budget Account 801137 (Biological Sciences Building).

Upon motion of Mr. Harrod, seconded by Mrs. James, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

5 Approves the release of $93,701 from Item 315-074, "Utilities and Renovation," for the improvements in Brown and Hagerty Halls.

6 Approves the release of $20,000 from Item 315-084, "Southeastern Ohio Area Extension Center," for the planning, including architectural fees on the project, "Southeastern Ohio Area Extension Center."

7 Approves the release of $87,000 from Item 315-074, "Utilities and Renovation," for the award of contracts on the project, "Improvements to Stillman Hall."

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Southeast Ohio Area Extension Center - Employment of Engineers

President Enarson recommended that the engineering firm of Ayres, Konkeker and Associates, Columbus, Ohio, be employed to provide complete professional engineering services for plumbing, heating, ventilating, and air conditioning, electrical and utility extension work for above project. This includes design, preparation of drawings, specifications, estimate of cost, checking of shop drawings and three visits to the site during construction.

This project will consist of office space, laboratory space, and demonstration space for an area extension office to serve southeastern Ohio. It is anticipated that twenty to thirty people will use this facility daily while up to two hundred people will be accommodated at various times for special programs and meetings.
October 13, 1972 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Southeast Ohio Area Extension Center - Employment of Engineers (continued)

The Southeast Ohio Area Extension Center will be involved in area agricultural extension administration, testing various soil samples, and in periodic demonstrations and educational presentations. The site for this facility will be on property leased from the Ohio Agricultural Research and Development Center. It is located at the Eastern Ohio Resource Development Center near Caldwell in Noble County.

The fee for this service will be 5 percent of the total project estimate of $85,000.00. Therefore, the total estimate for the engineering services on this project will be $4,750.00. Funds for this work have been provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center).

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the above recommendation was approved by a five to one vote with Messrs. Eckley, Hilliker, Dunlap, Harrod, and Dr. Sirak casting affirmative votes and Mrs. James casting a negative vote.

B. Purchase of Buildings and Property - South Campus

President Enarson recommended that the President and/or Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Lot Number 6, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 115-117 West 11th Avenue, from Phil A. Slobin, at a purchase price of $31,000.

Lot Number 23, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 118 West 10th Avenue from the Estate of Bertha F. Meyerholtz, at a purchase price of $20,000.

Lot Number 25, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 128 West 10th Avenue from Ross A. Kramer, et al, at a purchase price of $19,000.

The parcels will be purchased in accordance with appraisals obtained from M. A. L. Appraisers. Funds are available in Budget Accounts 801262 and 921700 for the purchase of the properties.

Upon motion of Mr. Harrod, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.
October 13, 1972 meeting, Board of Trustees

VIII. RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Alvah Peterson, Professor Emeritus in the Department of Entomology. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Alvah Peterson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 11, 1972, of Alvah Peterson, Professor Emeritus in the Department of Entomology, College of Biological Sciences.

Dr. Peterson was born in Galesburg, Illinois, on September 13, 1888. He received the B.S. degree, with distinction, from Knox College in 1911, and the A.M. and Ph.D. degrees from the University of Illinois, in 1913 and 1916 respectively.

In 1928, Dr. Peterson joined the faculty of The Ohio State University. Prior to that time he had served as an Associate Professor at Rutgers University from 1916 to 1925, conducting research on insect control of destructive pests, and from 1925 to 1928, as senior entomologist in the U. S. Department of Agriculture, Bureau of Entomology, conducting research on insects attacking fruit crops. During this period he pioneered the development of biological control methods using parasites to gain some control of the Oriental fruit moth.

Many of Dr. Peterson's associates consider his major contribution to science to be his two volume work, "Larvae of Insects." This treatise represented the first, and in some instances, the only single source of information for the reliable identification of immature insects. These books have been invaluable to research workers and insect control specialists all over the world, and have made possible the offering of courses in the taxonomy of immature insects at Ohio State and in many other colleges and universities.

Dr. Peterson's contributions span more than five decades and include studies of the structure of thrips, microphotography of insect eggs, and techniques for the study of insects in the field and laboratory. He received many honors and awards for his photographs of various stages of insect development.

Professor Peterson retired from The Ohio State University in 1958 after 30 years' service and was awarded the Honorary Degree Doctor of Science by this University in 1970.

Dr. Alvah Peterson was a great teacher and scientist who contributed much to the stature of this University. Students and colleagues throughout the world remember him for his scholarly and humane qualities.
A. Alvah Peterson (continued)

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

IX. REPORTS

A. Report from the Finance and Investment Committee

1. Sale of Property (25,680 Acres, Board of Trustees Lands North of Don Scott Field) to the State of Ohio (Adjutant General)

Mr. Hilliker presented the following recommendation:

At the request of the Adjutant General of the State of Ohio and with the full concurrence of this University and the Office of the Board of Regents, the Controlling Board of the State of Ohio on August 28, 1972, authorized the purchase of 25,680 acres by the State of Ohio (Adjutant General) for the sum of $282,480 from monies available to the Adjutant General. The title for this land includes an 18,680-acre parcel located to the rear of 3015 West Granville Road which was acquired from Frank C. Norris on November 5, 1963, and a 7-acre parcel, part of a 56-acre tract, located to the rear of 3025 West Granville Road purchased from Herschel D. Mitchell on September 1, 1972.

Authority was requested for the President and/or Treasurer to prepare the necessary legal documents and to execute the transfer of titles to these properties from the Investment Portfolio to the State of Ohio upon payment of the above-mentioned price and that these funds be deposited in the Investment Portfolio.

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

B. Report on the University's Investment Portfolio

The report dated October 12, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.
IX. REPORTS (continued)

C. President's Monthly Report

President Enarson made a presentation on University enrollment trends and projections. Distribution trends by level as well as program were incorporated in this report.

Thereupon the Board adjourned to meet Friday, November 3, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton  Frederick R. Eckley
Secretary       Chairman
APPENDIX IV

Amendment No. 1
GRANT AGREEMENT FOR PROJECT NO. 8-39-0027-01

(Contract No. DOT-FA-72-G1 6722)
AMENDMENT NO. 1 TO GRANT AGREEMENT FOR PROJECT NO. 8-39-0027-01
(Contract No. DOT-FA-72-GL 6722)

Effective Date of Amendment
Ohio State University
Columbus, Ohio

WHEREAS, the Federal Aviation Administration (hereinafter referred to as the "FAA") has determined it to be in the interest of the United States that the Grant Agreement between the FAA, acting for and on behalf of the United States, and the Board of Trustees of the Ohio State University (hereinafter referred to as the "Sponsor"), accepted by said Sponsor on 8 June 1972 be amended as hereinafter provided.

NOW, THEREFORE, WITNESSETH:

That in consideration of the benefits to accrue to the parties hereto, the FAA on behalf of the United States, on the one part, and the Sponsor, on the other part, do hereby mutually agree that the said Grant Agreement be and the same hereby is amended as follows:

1. By deleting the development appearing in the second WHEREAS clause on Page 1 of the Grant Agreement and substituting the following:

Reimbursement of land acquired in fee for airport development, clear zones and approach protection, parcels "A", "B", "C", "D" and "E"; construct, mark and light NE-SW taxiway (1400' X 50'), taxiway between R/W 27R approach end and north operational area (600' X 50'), connecting parallel taxiway to R/W 9R extension (1650' X 50') and taxiway connecting R/W 9L and 9R (2250' X 50'); construct 27R holding apron (approx. 945 SY); 5R holding apron (approx. 2695 SY), 5L holding apron (approx. 945 SY), itinerant parking apron (approx. 4000 SY and 6200 SY), and 27L holding apron (approx. 2695 SY); light existing R/W 5-23 as taxiway (2200'); construct, mark and light (MLRL) R/W 9L-27R (3000' X 100') including construction of 160' extension to R/W 14-32; construct, mark and light (MLRL) extension to west end of R/W 9R-27L (600' X 100'); light (MLRL) R/W 14-32 (3000'); overlay T/W D (666' X 50') and taxiway between R/W 27L and edge of Fire Building apron (3250' X 50'); construct and floodlight apron east of tee hangars (approx. 24,000 SY); construct two stub taxiways (75' X 40' and 80' X 40'); install perimeter fence (approx. 23,000 l.f.); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R; overlay R/W 9R-27L (approx. 4400' X 100'), R/W 14-32 (approx. 2740' X 100') and a portion of T/W B (approximately 500' X 50').
2. In furtherance of paragraphs 10 and 12 of the Grant Agreement and of the paragraphs 7, 12, and 13 of the Part III - Sponsor's Assurances of the Project Application dated April 14, 1972 and incorporated in this Agreement, the Sponsor shall take the following actions to insure adequate approach protection and compatible land use in the airport areas now owned by the University.

a. The Sponsor shall physically substitute the Property Map - Exhibit A, dated April 13, 1972 and revised October 6, 1972, for the Property Map-Exhibit A attached to the Project Application dated April 14, 1972, and the revised Property Map-Exhibit A shall become a part of this Agreement. Upon acceptance of this Amendment by the Sponsor, FAA shall cause like substitution in the remaining outstanding copies of the Grant Agreement.

b. The Sponsor shall resubmit, prior to final payment, the Master Plan for Don Scott Field, revised to show all structures which exist and are planned within the future approach zones as they are contained within the airport boundary as required by the above referenced paragraph 12 of Part III-Sponsor's Assurances. The Sponsor further covenants and agrees that at such time as R/W 9L-27R is extended to the west, with or without Federal aid, that the Structures No. 1, 2, 3, 4 and 6 in the west clear zone and approach area as denoted on the Exhibit B, dated October 11, 1972, which is attached and made a part of this Amendment, shall be removed or relocated to a location meeting current FAA obstruction criteria. It is further understood and agreed that no additional structures will be erected, nor any existing structure be raised beyond its present height, in any runway clear zone or approach area unless shown on the Airport Layout Plan.

UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION

By

Chief, Airports District Office
Cleveland, Ohio

BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY (SPONSOR)

Attest:

Title

By

Title
CERTIFICATE OF SPONSOR'S ATTORNEY

I, ____________________________, acting as Attorney for Ohio State University (hereinafter referred to as "Sponsor") do hereby certify:

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

Dated at Columbus, Ohio, this ______ day of ________________________, 19____

Title__________________________
The Board of Trustees met at its regular monthly meeting on Friday, November 3, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
November 3, 1972 meeting, Board of Trustees

Mr. John H. Dunlap, Vice Chairman, presided at this meeting in the absence of the Chairman, Mr. Eckley.

REQUEST TO SPEAK

Mr. Michael White, President of the Undergraduate Student Government, appeared before the Board of Trustees to invite the individual Board members participation in a "Trustee Day" tentatively scheduled during the second week of the Winter Quarter. Mr. Dunlap thanked Mr. White on behalf of the Board for the invitation and said that the Board would respond to the invitation as soon as possible.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate by mail ballot approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated:

Hal Oscar Anger   Doctor of Science
Elizabeth Monroe Boggs   Doctor of Laws
Paul Jackson Kramer   Doctor of Science
Elburt Franklin Osborn   Doctor of Science

President Enarson recommended that these honorary degrees be conferred at a mutually convenient commencement or academic occasion.

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

II. PERSONNEL CHANGES

Personnel changes since the October 13, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Leaves of Absence Without Salary and Emeritus Title:

A. Leaves of Absence Without Salary

Morris J. Beja, Professor, Department of English, effective January 1, 1973 through September 30, 1973, to accept a Fulbright Lectureship at the University of Dublin.
II. PERSONNEL CHANGES (continued)

A. Leaves of Absence Without Salary (continued)

Thomas J. Burns, Professor, Academic Faculty of Accounting, effective January 1, 1973 through June 30, 1973, to serve as a Visiting Professor in the School of Business, University of California at Berkeley.

John L. Livingstone, Professor, Academic Faculty of Accounting, effective October 1, 1972 through March 31, 1973, to serve as a Visiting Professor at the University of Toronto.

Swamy A. V. B. Paravastu, Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to be a Consultant with the Board of Governors, Federal Reserve System, Washington, D. C.

Hao Chang, Associate Professor, Department of History, effective October 1, 1972 through December 31, 1972, to teach at the University of California at Davis.

Henry H. Glover, Associate Professor, Department of Mathematics, effective October 1, 1972 through March 31, 1973, to serve as a Visiting Professor at the Eidgenossische Technische Hochschule, Zurich, Switzerland.

Daniel T. Hughes, Associate Professor, Department of Anthropology, effective April 1, 1973 through June 30, 1973, to conduct a study in the Philippines under the sponsorship of a National Endowment for Humanities Fellowship.

William David Andrews, Assistant Professor, Department of English, effective January 1, 1973 through September 30, 1973, to accept a NEH Younger Humanist Fellowship.

Edward L. Rice, Instructor, Mansfield Campus, effective October 1, 1972 through September 30, 1973, for personal reasons.

B. Emeritus Title

Mary Eloise Green, School of Home Economics, with the title Professor Emeritus, effective September 1, 1972.

President Enarson recommended that the Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the October 13, 1972 meeting of the Board be accepted.

SUMMARY

<table>
<thead>
<tr>
<th></th>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance and Treasurer</td>
<td>8</td>
<td>$385,528.00</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>53</td>
<td>$1,203,369.00</td>
</tr>
<tr>
<td>The Engineering Experiment Station</td>
<td>6</td>
<td>$178,590.00</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>9,449</td>
<td>$1,486,443.90</td>
</tr>
</tbody>
</table>

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.
November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

A. Finance and Treasurer

1. $140,496.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Dentistry, for the period September 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE01205-01)


3. $29,715.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Pharmacy, for the period September 1, 1972 through June 30, 1974. (Grant No. 1 D08 PE05122-01)

4. $29,074.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Preceptorship Training in Pediatrics for Medical Students, under the direction of the Department of Pediatrics, for the period September 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE08018-01)

5. $28,640.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for Upgrading Counseling Skills, for fifteen employment service staff members. (Contract No. H5-8564-37-05)

6. $28,618.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for Developing a Model Health Evaluation Program Conducted by the Extension Service Through Its State and Local Structure, under the direction of the Cooperative Extension Service, for the period June 29, 1972 through June 30, 1973. (Contract No. HSM 110-72-389)

7. $25,484.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for the MEDIHC program in the State of Ohio, for the period October 1, 1972 through September 30, 1973. (Contract No. NIH 72-4026 - Modification No. 1)

8. $23,506.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Neocortical and Subcortical Interactions, Research Scientist Development Award, under the direction of the Department of Psychology, for the period September 1, 1972 through August 31, 1973. (Grant No. 2 K02 MH12747-06)
November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period September 16, 1972 through October 13, 1972.

1. Federal Research Contracts

   a. Department of the Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #27 - College of Administrative Science, Continuing Education).
      Gross Value - $9,000.00.

   b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as Project No. 2356 - Mod. #10 - Department of Medical Microbiology).
      Gross Value - $12,000.00.

   c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #8 - Department of Surgery).
      Gross Value - $15,000.00.

      Gross Value - $70,000.00.

      Gross Value - $81,594.00.

      Gross Value - $60,000.00.

TOTAL - Federal Research Contracts $177,664.00
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial and Other Research Contracts

   Gross Value - $7,500.00.

   Gross Value - $7,500.00.

   Gross Value - $141,900.00.

d. American Electric Power Service Corporation, New York, New York, A Long-Term Field Study of the Effects of Sulfur Dioxide Pollution on Selected Lichens of Southeastern Ohio and Adjacent West Virginia (to be known as Project No. 3543-A1 - New - Department of Botany).
   Gross Value - $19,980.00.

e. Illinois Institute of Technology Research Institute, Chicago, Illinois, Use Evaluation of Chemical Abstracts Integrated Subject Files (to be known as Project No. 3568-A1 - New - Department of Computer and Information Science).
   Gross Value - $15,843.00.

f. Hanna Coal Company, Cadiz, Ohio, Investigation of the Etiology and Pathogenesis of Atypical Interstitial Pneumonia in Cattle Grazing Vetch Pasture (to be known as Project No. 3572-A1 - New - Department of Veterinary Clinical Sciences).
   Gross Value - $35,000.00

TOTAL - Industrial and Other Research Contracts $227,723.00

3. Federal Research Grants

a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-J - Ext. #9 - Department of Chemistry).
   Gross Value - $35,524.00.
November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

b. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Conditioning Stimulus Selection and Verbal Paradigms (to be known as Project No. 1779-H - Ext. #8 - Department of Psychology). Gross Value - $50,571.00.


d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #8 - Department of Electrical Engineering). Gross Value - $50,000.00.

e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-D - Sup. #1 - Department of Medicine). Gross Value - $7,000.00.

f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as Project No. 2525-E - Ext. #5 - Department of Pathology). Gross Value - $68,208.00.

g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #4 - Department of Electrical Engineering). Gross Value - $30,000.00.

h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology (to be known as Project No. 2962-C - Ext. #3 - Department of Veterinary Physiology and Pharmacology). Gross Value - $47,553.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

   i. National Science Foundation, Washington, D. C., Mathematical
      Crystallography of 4-Dimensional Space (to be known as Project
      No. 3057-A1 - Amend. #1 - Department of Mathematics).
      Gross Value - $7,700.00.

   j. National Science Foundation, Washington, D. C., Preparation
      and Characterization of Catenated Metal Compounds (to be known
      as Project No. 3130-A1 - Amend. #1 - Department of Chemistry).
      Gross Value - $18,800.00.

      Service, Health Services and Mental Health Administration, National
      Institute of Mental Health, Bethesda, Maryland, Mechanisms of
      Voluntary Action and Voluntary Attention (to be known as Project No.
      3333-A2 - Ext. #1 - Department of Psychology).
      Gross Value - $25,068.00.

      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Iodoacetate-Immunotherapy of Lymphoid
      Leukemia (to be known as Project No. 3538-A1 - New - Department
      of Microbiology).
      Gross Value - $44,839.00.

   m. Department of Health, Education, and Welfare, Public Health
      Service, Health Services and Mental Health Administration, National
      Institute of Mental Health, Bethesda, Maryland, Amphetamine
      Tolerance: Central and Peripheral Studies (to be known as Project
      Gross Value - $15,764.00.

      Service, National Institutes of Health, National Cancer Institute,
      Bethesda, Maryland, Aberrant Gene Expression During Chemotherapy
      (to be known as Project No. 3546-A1 - New - Department
      of Physiological Chemistry).
      Gross Value - $36,808.00.

   o. Department of Health, Education, and Welfare, Office of Child
      Development, Office of the Secretary, Washington, D. C., Scientific
      Evaluation and Planning (to be known as Project No. 3569-A1 - New -
      Mershon Center for Education in National Security).
      Gross Value - $25,000.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

Gross Value - $57,200.00.

TOTAL - Federal Research Grants $562,685.00

4. State Research Grant

a. Ohio Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio, Homebound Dental Care (to be known as Project No. 3542-A1 - New - College of Dentistry).
Gross Value - $61,746.00.

5. Industrial and Other Research Grants

Gross Value - $17,096.00.

b. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Radiation Therapy Dosimetry and Planning (to be known as Project No. 3539-A1 - New - Department of Radiology).
Gross Value - $6,000.00.

c. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mathematical Prediction of Contractility in the Diseased Dog (to be known as Project No. 3545-A1 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - $3,465.00.

d. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Arterial Blood Flow in Horses (to be known as Project No. 3547-A1 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - $6,962.00.
Novmoer 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

   e. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mechanism of Inhibition of Glycoside Toxicity and Increased Inotropy on Mammalian Hearts by Potassium Sparing Agents (to be known as Project No. 3549-A1 - New - Department of Pharmacology). Gross Value - $7,245.00.

   f. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Left Ventricular Function in Congestive Heart Failure (to be known as Project No. 3550-A1 - New - Department of Medicine). Gross Value - $7,500.00.

   g. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cardiac Function in Patients with Chronic Lung Disease (to be known as Project No. 3551-A1 - New - Department of Medicine). Gross Value - $7,500.00.

   h. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiological Studies of Supraventricular Tachycardia in Man (to be known as Project No. 3552-A1 - New - Department of Medicine). Gross Value - $7,500.00.

   i. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Aortic Stenosis on Myocardial DNA and RNA Synthesis in the Neonatal Animals (to be known as Project No. 3553-A1 - New - Department of Pathology). Gross Value - $7,508.00.

   j. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Hemodynamic and Histopathologic Aspects of the Autologous Vein Graft (to be known as Project No. 3554-A1 - New - Department of Surgery). Gross Value - $7,035.00.

   k. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Creation and Hemodynamics of Systemic Pulmonary Shunts (to be known as Project No. 3555-A1 - New - Department of Surgery). Gross Value - $7,497.00.

   l. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Correlation of Stroke Output with Ejection Time in Intact Anesthetized Dogs (to be known as Project No. 3556-A1 - New - Department of Physiology). Gross Value - $6,741.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

m. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Inotropic Stimulation on the Resting Viscoelastic Properties of the Myocardium (to be known as Project No. 3557-A1 - New - Department of Physiology).
   Gross Value - $7,013.00.

n. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Diastolic Left Ventricular Distensibility Studied in Intact Dogs (to be known as Project No. 3558-A1 - New - Department of Physiology).
   Gross Value - $7,308.00.

o. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical Events Underlying Irreversible Injury to Ischemia Myocardium (to be known as Project No. 3559-A1 - New - Department of Physiological Chemistry).
   Gross Value - $6,563.00.

p. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Response of Coronary Blood Flow to Alteration of Blood Gas $PCO_2$ (to be known as Project No. 3560-A1 - New - Department of Physiology).
   Gross Value - $6,825.00.

q. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Immunohistochemistry of Creatine Phosphokinase (to be known as Project No. 3561-A1 - New - Department of Pathology).
   Gross Value - $7,500.00.

r. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies of Physiology of Renin and Aldosterone (to be known as Project No. 3562-A1 - New - Department of Medicine).
   Gross Value - $7,500.00.

s. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effects of Catecholamines and Fatty Acids on the Anoxic Heart (to be known as Project No. 3563-A1 - New - Department of Medicine).
   Gross Value - $7,455.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

  t. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Intestinal Absorption of Digitalis Glycosides (to be known as Project No. 3564-A1 - New - Department of Medicine).
  Gross Value - $7,464.00.

  u. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prevention of Capillary No-Flow Phenomenon - Brain Ischemia (to be known as Project No. 3565-A1 - New - Department of Medicine).
  Gross Value - $6,678.00.

  v. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Alterations in the Renal Circulation Sodium Balance (to be known as Project No. 3566-A1 - New - Department of Medicine).
  Gross Value - $7,500.00.

  w. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Characterization of Heart Muscle Antigens (to be known as Project No. 3567-A1 - New - Department of Medical Microbiology).
  Gross Value - $3,746.00.

  x. Junior League of Columbus, Columbus, Ohio, Teenage Flight or More Alternatives (to be known as Project No. 3571-A1 - New - School of Social Work).
  Gross Value - $5,950.00.

TOTAL - Industrial and Other Research Grants $173,551.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period September 16, 1972 through October 13, 1972.

1. Government Research Contracts

   EES 356X Ext. #3
   A Laboratory and Field Durability Study of Asphaltic Mixtures, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $47,146.00.

   EES 406X Ext. #1
   Field Study of Subgrade Compaction, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $41,400.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

C. Engineering Experiment Station (continued)

1. Government Research Contracts (continued)

   EES 428X Improving Driver Performance on Curves in Rural Highways Through Perceptual Changes, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $46,380.00.

   EES 429X Develop a Land Use Data System and Recommend Resource Evaluation Functions, Ohio Department of Natural Resources, Columbus, Ohio.
   Gross Value - $13,974.00.

   EES 430X Streamflow Simulation and Flood Profile Determination in Ohio, Ohio Department of Natural Resources, Columbus, Ohio.
   Gross Value - $26,690.00.

   TOTAL - Government Research Contracts $175,590.00

2. Industrial Research Contract

   Gross Value - $3,000.00.

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through September 30, 1972

<table>
<thead>
<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Grand Total</th>
</tr>
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<tbody>
<tr>
<td>General Solicitation</td>
<td>9,047</td>
<td>$ 196,617.57</td>
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<td>Major Resources Group:</td>
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<tr>
<td>Major Individual Gifts</td>
<td>155</td>
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<td>Corporate Gifts</td>
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<td>Foundation and Non-profit Organization Gifts</td>
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<td>457,911.81</td>
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<tr>
<td>Total</td>
<td></td>
<td>$1,289,826.33</td>
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</tbody>
</table>

   Grand Total | 9,449 | $1,486,443.90 |
November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More

a. $42,425.00 from Louise Orr Scott Foundation, Columbus, Ohio--$31,819.00 for scholarships in the College of Medicine and $10,606.00 for scholarships in the College of Pharmacy.

b. $23,188.58 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine.

c. $20,000.00 from ALCOA Foundation, Pittsburgh, Pennsylvania, for its professorship in Chemical Engineering.

d. $12,808.00 from The Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.

e. $10,650.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

f. $10,000.00 from Berlach Foundation, Inc., Columbus, Ohio, for the University Activities Center.

g. $10,000.00 from NACAA-71, Ohio Cooperative Extension Agents Association, Norwalk, Ohio, for the Ohio 4-H Foundation Fund.

h. $9,052.00 from The Charles F. High Foundation, Bucyrus, Ohio, for scholarships.

i. $8,128.00 from OSU Citizens Advisory Committee, Newark, Ohio, for the Newark Campus scholarship fund.

j. $8,000.00 from The Merck Company Foundation, Rahway, New Jersey, for developing young faculty members in the Department of Dairy Science.

k. $7,500.00 from Suburban Motor Freight, Inc., Columbus, Ohio, for the James R. Riley Professorship of Transportation and Business Logistics.

l. $6,683.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for scholarships.

m. $6,666.70 from State Auto Mutual Insurance Company, Columbus, Ohio, for the University Activities Center.
November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)

n. $6,000.00 from the Rockefeller Foundation, New York, New York, as an unrestricted gift to the University.

o. $5,000.00 from Ford Motor Company, Dearborn, Michigan, for support of the graduate research program in city planning.

p. $5,000.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for its fund in Ceramic Engineering.

q. $5,000.00 from General Motors Corporation, Warren, Michigan, for research in Metallurgical Engineering.

r. $5,000.00 from The Southgate Development Corporation, Newark, Ohio, for scholarships for the Newark Campus.

3. Establishment of Named Fund

a. $7,000.00 for the establishment of The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund.

The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund

The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund was established November 3, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Donald Casey Hambleton through the Ohio Association of Real Estate Boards.

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

The annual income from this fund is to be used for a scholarship or scholarships to students enrolled in real estate studies within the College of Administrative Science, said students to be selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the University Scholarship Committee cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.
November 3, 1972 meeting, Board of Trustees

IV. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of material, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Arps Hall, Chemical Engineering, Denney Hall, Hamilton Hall-Interior Maintenance 1972

There has been no major interior maintenance on these buildings in the last eight years. This project will accomplish the necessary repairs to the aged and deteriorated plaster where needed, paint the walls and hang wall coverings, and washing of walls.

Funds for this project will be provided from Budget Account 125064 (Contract Repair).

B. Southeast Ohio Area Extension Center

The Southeast Ohio Area Extension Center will be located in Noble County and will provide agricultural extension services for the area.

Funds for this project will be provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center).

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

* * *

V. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award subject to further negotiations with the Contractors in the best interest of the University and the State of Ohio:

A. University Hall Complex

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
</tr>
<tr>
<td>(5 bids received 11-1-72)</td>
<td></td>
</tr>
<tr>
<td>Central Ohio Construction, Inc. (Columbus)</td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$2,877,269.00</td>
</tr>
<tr>
<td>Alt. G-1 Auditorium Building</td>
<td>+ 489,734.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$3,367,003.00</td>
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V. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hall Complex (continued)

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Bids Received</th>
<th>Contractor</th>
<th>Base Bid</th>
<th>Alt. Bid</th>
<th>Total Contract</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plumbing Contract</strong></td>
<td>8</td>
<td>Limbach Company (Columbus)</td>
<td>$143,600.00</td>
<td>$35,475.00</td>
<td>$179,075.00</td>
<td>$196,990.00</td>
</tr>
<tr>
<td><strong>Heating, Ventilating, and Air Conditioning Contract</strong></td>
<td>9</td>
<td>Limbach Company (Columbus)</td>
<td>$731,150.00</td>
<td>$125,800.00</td>
<td>$856,950.00</td>
<td>$905,300.00</td>
</tr>
<tr>
<td><strong>Electrical Contract</strong></td>
<td>7</td>
<td>States Electric Company (Columbus)</td>
<td>$520,470.00</td>
<td>$122,600.00</td>
<td>$643,070.00</td>
<td>$536,629.00</td>
</tr>
</tbody>
</table>

Total All Contracts: $5,046,098.00

*The low bidder for the Plumbing Contract is presently documenting for the Director of Public Works an arithmetical error in the preparation of his bid. This resulted in a bid thirty per cent below the estimate and $30,000 below the second low bidder. In anticipation of the Department of Public Works action to allow the withdrawal of the incorrect bid, the second low bidder is included as the successful bidder in this recommendation.

**All Electrical Contract bids were over the Estimate of Cost but because of adequate competition as indicated by the number of bids, it is believed that better bids could not be obtained by re-advertising. Since the bid is within the available funds, the award is recommended subject to the approval of the State Controlling Board.

***The total of all bids is within the project funds, $5,980,543.00.
V. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hall Complex (continued)

Funds for this project have been provided from HB 531, Item 315-078, HB 988, Item 315-078.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the above recommendation regarding further negotiations and subsequent award of contracts within the available funds was approved and the action of the Acting Vice President for Administrative Operations ratified by unanimous roll call vote.

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

8 Approves the purchase of Lot No. 6 of the John A. Evan's College View Addition, more commonly known as 115-117 West Eleventh Avenue, Columbus, Franklin County, Ohio, at a purchase price of $31,000. This purchase is from General University Funds.

9 Approves the purchase of Lot No. 23 of the John A. Evan's College View Addition, more commonly known as 118 West Tenth Avenue, Columbus, Franklin County, Ohio, at a purchase price of $20,000. This purchase is from General University Funds.

10 Approves the purchase of Lot No. 25 of the John A. Evan's College View Addition, more commonly known as 128 West Tenth Avenue, Columbus, Franklin County, Ohio, at a purchase price of $19,000. This purchase is from General University Funds.

VII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Mildred E. Newton, Professor Emeritus and former Director of the School of Nursing; Eunice Ryan, Associate Professor Emeritus in the School of Home Economics; and Ellsworth E. Reese, Assistant Professor Emeritus in the College of Optometry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Mildred E. Newton

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 26, 1972, of Mildred E. Newton, Professor Emeritus and former Director of the School of Nursing.
November 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Mildred E. Newton (continued)

Dr. Newton brought to nursing a respect for nursing as a field of study and practice and a belief in the dignity of man that helped to bring esteem to the nursing profession.

A native of Iowa, Dr. Newton earned a certificate of graduate nurse from Evanston Hospital School of Nursing together with a Bachelor of Science from Northwestern University. She received a Master of Arts in Education from the University of Southern California and the Doctor of Education from Stanford University.

During her career she held teaching and administrative posts in three institutions. At Pasadena Hospital and Junior College from 1925-1934 she held positions of Supervisor, Instructor and Director of its School of Nursing; at the University of California from 1934-1951 she held positions as Supervisor and Instructor, and during the last seven of those years served as Assistant Professor and Assistant Dean of its School of Nursing. In 1951 she came to The Ohio State University as Professor and Director of the School of Nursing, a position which she held until her retirement in July, 1968.

A believer in professional association activities, Dr. Newton was generous in her time and talent to the programs and activities of many groups and in particular to the National League for Nursing from the time of its organization in 1951 until her retirement. She was a member of its first collegiate Board of Review for Accreditation and later served on many of the League's other committees and on its Board of Directors. She held chairmanships of the League's Committee on Maternal and Child Nursing; its Council of Member Agencies Department of Baccalaureate and Higher Degree Programs; its interim Committee on Accreditation Policies and Procedures; and the Committee to Revise the Fee Structure.

Dr. Newton was a member of the American Council on Education, serving on its Committee on Civil Defense and Higher Education. She was Nursing Consultant to the Education and Training Division of the U. S. Department of the Army, Office of the Surgeon General, and was a member of the Defense Advisory Committee on Women in the Services to the U. S. Department of Defense.

For five years Dr. Newton served on the Nursing Advisory Committee to the W. K. Kellogg Foundation and from 1962-1967 was chairman of the Nurse Scientist Training Grant Committee in the Division of Nursing, U. S. Public Health Service.

Dr. Newton was elected to Sigma Theta Tau and Alpha Tau Delta, honor societies in nursing, and to Pi Lambda Theta, education honorary, from which she received the Central Ohio Alumnae Chapter's Annual Citation for contribution to teaching. She was selected by students to be the faculty member awarded membership in Alpha Lambda Delta, a freshman honorary, and in Mortar Board, a senior women's honorary.
November 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Mildred E. Newton (continued)

She was a member of Altrusa International and of the National League of American Pen Women.

Dr. Newton was widely sought as speaker and was a regular contributor to the professional journals.

A student of history and philosophy, Dr. Newton was particularly interested in the life of Florence Nightingale as the founder of modern nursing and in the lives of the early leaders in nursing in this country. She inspired many students with her accounts of the rich heritage which has come to nursing through the contribution of these early leaders. In recognition of her interest in history, she was the recipient of a beginning collection of nursing stamps. Following this she became a student of stamps in medicine and nursing and added many stamps to the collection. After her retirement from teaching she organized the collection into four volumes. These depict the history of the International Red Cross, the history of medicine and nursing, world attempts to eliminate crippling diseases, and recognition given to individuals who made outstanding contributions to health. Shortly before her death she donated this collection to the Health Center Library at The Ohio State University.

In recognition of her contribution to nursing and to The Ohio State University, nursing alumni contributed monies for her portrait in oil to be done for presentation on the occasion of the 50th Anniversary of the School in 1964. In 1966 a fund was begun by contributions from graduates, faculty and students for the purpose of establishing a chair in her name at The Ohio State University. Until the fund is large enough to support a chair, interest accruing from it is being utilized for scholarships.

In 1969, she was awarded the National League for Nursing's Adelaide Nutting Award and in 1970 The Ohio State University bestowed on her one of its Centennial Achievement Awards.

Though Miss Newton's contributions to education and teaching, to nursing organizations, and to research and writing have been noteworthy, her contributions to the development of individuals--faculty, students, and associates--have been even greater. Her sincere belief that every person has worth permeated her every contact with people. Through her beliefs and actions she enabled faculty and students to achieve their individual potential, transcending even their own expectations.

On behalf of the University, the Board of Trustees expresses its deep sympathy and understanding to the family. It was directed that a copy of this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be forwarded to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.
B. Eunice Ryan

The Board of Trustees expresses its sorrow at the death on October 6, 1972, of Eunice Ryan, Associate Professor Emeritus in the School of Home Economics.

Miss Eunice Ryan was born in 1890 in Madison, Wisconsin. She received her Bachelor of Science degree from the University of Wisconsin in 1914 and her Master of Arts degree from Columbia University in 1921. After teaching textiles and clothing in high schools and colleges in North Dakota, Minnesota, and Texas, she joined the faculty of the School of Home Economics as an Instructor in textiles and clothing in 1924. She rose to the rank of Associate Professor and retired in 1959 as Associate Professor Emeritus. Miss Ryan was a highly competent classroom teacher. She was a specialist in the clothing field particularly its design, construction, and economic aspects.

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

C. Ellsworth E. Reese

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 17, 1972, of Ellsworth Edwin Reese, Assistant Professor Emeritus in the College of Optometry.

Dr. Reese was born in Westerville, Ohio, in 1905. He attended the Westerville public schools. From 1923 to 1925 he attended Otterbein College. In 1925 he entered The Ohio State University, where in 1929 he received the Bachelor of Science degree with a major in Optometry. He then entered the private practice of optometry in Westerville.

In 1937, when the graduate program in physiological optics was established at The Ohio State University, he was one of the first three students to receive the Master of Science degree, which he was awarded in 1939. His research dealing with accommodative responses under monocular and binocular seeing conditions has served as a basis for improved optometric prescribing, and the results of these studies have been extensively cited.

Dr. Reese was a past president of the Westerville Lions Club and was a Fellow of the American Academy of Optometry. In 1949 Dr. Reese joined the part-time clinical faculty of the School of Optometry with the rank of Instructor, and he was promoted to Assistant Professor in 1951. He served in this capacity until 1970, when he retired. Dr. Reese was a member of the American Optometric Association, the Ohio Optometric Association, and the Central Ohio Optometric Society.
November 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Ellsworth E. Reese (continued)

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

IX. REPORTS

A. Expenses for Designated Administrative Officials

Mr. Safford moved that the Finance and Investment Committee be authorized to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interests of the University.

Mr. Shocknessy seconded the motion which was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 2, 1972, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1972, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Distribution of Annual Financial Reports 1971-1972

Executive Director Leggett distributed and commented briefly on the Financial Report of The Ohio State University and the Financial Report of Endowment Funds. These reports were prepared for the fiscal year ended June 30, 1972. A copy of each report was filed with the official records of the Board of Trustees.

D. President Enarson's Report on the University's Biennial Budget Request

President Harold I. Enarson in his monthly report to the Board discussed the University's biennial budget request which has been filed with the Ohio Board of Regents.
November 3, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, December 1, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton  John H. Dunlap
Secretary          Vice Chairman
The Board of Trustees met at its regular monthly meeting on Friday, December 1, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
Mr. John H. Dunlap, Vice Chairman, presided at this meeting in the absence of the Chairman, Mr. Eckley.

REPORT BY ACTING CHAIRMAN

Mr. Dunlap, Acting Chairman of the Board of Trustees, and on behalf of the Board, congratulated the administration and students for the orderly nature of the celebration following the Michigan football game. Mr. Shocknessy added the Board’s commendation to Coach Hayes, his staff, and the team for bringing the football championship to the University and the bid to the Rose Bowl.

Mr. Dunlap thanked Mr. Michael White on behalf of the Board for the invitation to participate in a "Trustee Day" and indicated that the members of the Board were pleased to accept this invitation. The Board requested that the Administration work with Mr. White on details of the agenda and time.

President Enarson also thanked Michael White for proposing the "Trustee Day" and the Board for accepting the invitation. He said he was confident that the Board members who spent the day on the campus would find it an enjoyable experience.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Department of Black Studies

The University Senate on November 21, 1972, approved the recommendation from the Council on Academic Affairs that a Department of Black Studies be established.

The present Division of Black Studies meets the existing requirements for departmental status including the minimum number of well-qualified faculty members in the ranks of Assistant Professor, Associate Professor, and Professor. The Black Studies Division has a fully established curriculum of demonstrated academic quality and has shown a rapid and substantive growth, with enrollments well above the suggested minimum of 1,000 credit hours per quarter.

President Enarson recommended that a Department of Black Studies be established, effective immediately.
I. GENERAL RECOMMENDATIONS (continued)

B. Doctor of Arts Program in Economics

The Board of Trustees at the September 10, 1970, meeting authorized the offering of the Doctor of Arts degree by this University. The Committee on Curriculum Affairs of the College of Social and Behavioral Sciences, the Graduate Council, the Council on Academic Affairs, and the University Senate at its meeting on November 21, 1972, recommend that a program in Economics leading to the Doctor of Arts degree be offered.

President Enarson recommended that the proposal of the University Senate be adopted, and pursuant to Section 3333.04 of the Revised Code of Ohio, with this approval the proposal be forwarded to the Board of Regents for approval.

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

C. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 15, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix V, page 259.)

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

D. Naming of "Natural Area" on The Ohio State University Lima Campus

Upon the recommendation of the students, faculty, and administrators of The Ohio State University Lima Campus, and with the concurrence of the President's Cabinet, it was proposed that the tract of land which has been designated in the Master Plan for the Lima Campus as a "natural area" be officially named the "Tecumseh Natural Area" in recognition of the significant influence Chief Tecumseh of the Shawnee Indian Tribe had upon the history of the Lima community.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
December 1, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Lincoln Tower Dormitory Facility

President Enarson recommended that the following resolution be adopted:

WHEREAS, there is no foreseeable or anticipated need for Lincoln Tower as a residence hall facility based upon current and projected enrollment trends, the enrollment limitation established by the Ohio General Assembly, and the best judgment of this University's administration, and

WHEREAS, there has been and continues to be an urgent need for a facility which would provide the needed space and the physical consolidation for the College of Social and Behavioral Sciences, and

WHEREAS, Lincoln Tower would lend itself to this use with selective remodeling at a cost considerably less than that of a new structure for this purpose,

THEREFORE, BE IT RESOLVED that the President be directed to proceed to seek approval from the Board of Regents for the appropriation of the necessary funds from the General Assembly for the acquisition and necessary remodeling of Lincoln Tower to satisfy the space needs of the College of Social and Behavioral Sciences.

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

II. PERSONNEL CHANGES

Personnel changes since the November 3, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Change in Responsibility, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Responsibility

Thomas E. Powers from Professor in the Department of Veterinary Physiology and Pharmacology to Professor in and Acting Chairman of the Department of Veterinary Physiology and Pharmacology, effective December 1, 1972, at a salary of $25,248.00 per annum (12-month appointment).

B. Leaves of Absence Without Salary

Raphael D. Levine, Professor, Department of Chemistry, effective October 1, 1972 through March 31, 1973, to write a book in the field of chemical kinetics.
II. PERSONNEL CHANGES

B. Leaves of Absence Without Salary (continued)

Earl Finbar Murphy, Professor, College of Law, effective October 23, 1972 through September 30, 1973, to work for the Ohio Environmental Board of Review.

Mary Ellen Echelbarger, Instructor, School of Nursing, effective November 20, 1972 through March 25, 1973, for personal reasons.

Kenneth A. Harkness, Instructor, Department of Agricultural Engineering, effective November 1, 1972 through April 30, 1973, to work on Ph.D. dissertation and to engage in a professional development program in food engineering by working with a commercial firm.

Marjorie K. Mealy, Instructor (County Extension Agent, Home Economics) Trumbull County, Cooperative Extension Service, effective August 15, 1972 through June 30, 1973, to accept a graduate assistantship at the University of Kentucky.

C. Emeritus Titles

Doris E. Gilmore, School of Home Economics, with the title Professor Emeritus, effective November 1, 1972.

Vivian I. Johnston, Cooperative Extension Service, with the title Professor Emeritus, effective December 1, 1972.

Emil Malinovsky, Department of Poultry Science, with the title Professor Emeritus, effective December 1, 1972.

Helen D. Terrill, Cooperative Extension Service, with the title Professor Emeritus, effective October 1, 1972.

President Enarson recommended that the Change in Responsibility, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the November 3, 1972 meeting of the Board be accepted.

**SUMMARY**

<table>
<thead>
<tr>
<th>Category</th>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance and Treasurer</td>
<td>7</td>
<td>$ 419,689.00</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>31</td>
<td>2,235,428.00</td>
</tr>
<tr>
<td>The Engineering Experiment Station</td>
<td>3</td>
<td>98,349.00</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>12,714</td>
<td>2,029,157.76</td>
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A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mrs. James, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.
December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

A. Office of Finance and Treasurer

1. $213,860.00 granted by The Ford Foundation, 320 East 43rd Street, New York, New York, to the University for development of a program to prepare principals and other administrators for schools in urban neighborhoods under the direction of the College of Education, for the period June 1, 1972 through August 31, 1973. (Grant No. 690-0635B)

2. $100,000.00 additional grant by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration - Developmental Disabilities, Chicago, Illinois, to the University for University Affiliated Facilities - Administrative Support, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. 59-P-25294/5-01, Amendment No. 1).

3. $50,000.00 granted by Trustees of Indiana University, Bryan Administration Building, Bloomington, Indiana, to the University to conduct an Education Professions Development Act Center/Satellite Project, under the direction of the Academic Faculty of Special Services, for the period ending June 30, 1973.

4. $40,200.00 granted by the United States Government, Agency for International Development, Washington, D.C., to the University for International Programs in Agriculture, under the direction of the College of Agriculture and Home Economics, for the period October 1, 1972 through June 30, 1973. (Contract No. AID/nesa-147-14)

5. $10,000.00 granted by the City of Columbus, Division of Workhouse, Columbus, Ohio, to the University for the development and presentation of a course in understanding human behavior for Columbus Workhouse personnel, under the direction of the Office of Educational Services, Division of Continuing Education.

6. $4,629.00 granted by Ohio Rehabilitation Services Commission, New Careers Program, Columbus, Ohio, to the University for academic training in a New Careers Program for Rehabilitation Aide Trainees, under the direction of The Ohio State University - Lima Campus, for Autumn Quarter, 1972 and Winter Quarter, 1973.

7. $1,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D.C., to the University for the United States Loan Program for Cuban Students, under the direction of the Office for Student Financial Aids, for the Autumn Quarter. (Appropriation No. 7530573)
December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period October 14, 1972 through November 10, 1972.

1. Federal Research Contracts

      Gross Value - $19,000.00.

      Gross Value - $10,577.00.

   c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #6 - Department of Veterinary Pathobiology).
      Gross Value - $55,209.00.

   d. Department of the Navy, Office of Naval Research, Arlington, Virginia, Voice Communication (to be known as Project No. 2928 - Mod. #4 - Department of Speech Communication).
      Gross Value - $29,076.00.

   e. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Radioprotective Agents - Stereochemical Studies (to be known as Project No. 3363-A1 - Mod. #P-302 - College of Pharmacy).
      Gross Value - $28,035.00.

   f. Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Environmental Study of Paint Creek Lake, Ohio (to be known as Project No. 3504-A1 - New - Department of Zoology and Center Lake Erie Area Research, College of Biological Sciences).
      Gross Value - $46,746.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

   g. Agency for International Development, Washington, D. C., Agri-
      cultural Economics Research Advisory Project with EAPA/SUPlAN
      (to be known as Project No. 3578-A1 - New - Department of Agri-
      cultural Economics and Rural Sociology).
      Gross Value - $55,860.00.

   TOTAL - Federal Research Contracts $244,503.00

2. Industrial and Other Research Contracts

   a. The City of New York, Health Services Administration, New York,
      New York, Methods for Prolonging Action of Narcotic Antagonists
      (to be known as Project No. 3544-A1 - New - College of Pharmacy).
      Gross Value - $50,932.00.

   b. University of Alaska, Tundra Biome Center, College, Alaska,
      The Structure and Function of the Tundra Ecosystem (to be known
      Gross Value - $3,339.00.

   c. Medical Advances Institute, Columbus, Ohio, Computerized Medical
      Review System (to be known as Project No. 3585-A1 - New - Departments of Preventive Medicine and Pediatrics).
      Gross Value - $23,429.00.

   TOTAL - Industrial and Other Research Contracts $77,700.00

3. Federal Research Grants

   a. Environmental Protection Agency, Office of Air Programs, Wash-
      ington, D. C., Mechanisms of Photochemically Initiated Oxidations
      (to be known as Project No. 1220-L - Ext. #11 - Department of
      Chemistry).
      Gross Value - $89,489.00.

   b. Environmental Protection Agency, Office of Air Programs, Wash-
      ington, D. C., Mechanisms of Photochemically Initiated Oxidations
      (to be known as Project No. 1220-L-1 - Ext. #11 - Department of
      Electrical Engineering).
      Gross Value - $17,280.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-II - Sup. #1 - Department of Biochemistry).
   Gross Value - $4,498.00.

d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-C - Ext. #3 - School of Nursing).
   Gross Value - $87,618.00.

e. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3-, 2-, 1-Bicyclic Mechanism (to be known as Project No. 2933 - Sponsor ltr. dtd. 10/19/72 - Department of Chemistry).
   Gross Value - $39,900.00.

   Gross Value - $23,200.00.

g. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - Sup. #2 - Department of Geodetic Science).
   Gross Value - $15,000.00.

h. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - Amend. #2 - Institute of Polar Studies).
   Gross Value - $6,000.00.

i. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Stimulus Encoding in Human Learning and Retention (to be known as Project No. 3334-A2 - Ext. #1 - Department of Psychology).
   Gross Value - $18,288.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)


l. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, Ohio Regional Medical Program (to be known as Project No. 3533-A1 - New - The Ohio State University Research Foundation). Gross Value - $1,323,520.00.


III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

   Gross Value - $800.00.

TOTAL - Federal Research Grants $1,893,761.00

4. Industrial and Other Research Grants

a. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Chromium and Coronary Artery Disease (to be known as Project No. 3353-A2 - Ltr. dtd. 11/3/72 - Department of Pathology).
   Gross Value - $5,531.00.

b. American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio, Cerebral Ischemia During Cardiac Resuscitation (to be known as Project No. 3575-A1 - New - Department of Surgery).
   Gross Value - $3,843.00.

c. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Cerebral Ischemia During Cardiac Resuscitation (to be known as Project No. 3575-B1 - New - Department of Surgery).
   Gross Value - $3,843.00.

d. American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio, Colloid Infusion - New Approach to Therapy of Pulmonary Edema in Man (to be known as Project No. 3583-A1 - New - Department of Medicine).
   Gross Value - $6,247.00.

TOTAL - Industrial and Other Research Grants $19,464.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period October 14, 1972 through November 13, 1972.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

C. Engineering Experiment Station (continued)

1. Government Research Contract

   EES 278X
   Ext. #10
   Investigations of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio.
   Gross Value - $83,257.00.

2. Industrial Research Contracts

   EES 431
   Gross Value - $1,200.00.

   EES 432
   Response of Boom Structures, Marion Power & Shovel Company, Inc., Marion, Ohio.
   Gross Value - $13,892.00.

TOTAL - Industrial Research Contracts $15,092.00

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through October 31, 1972

<table>
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<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Grand Total</th>
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<td>General Solicitation</td>
<td>12,193</td>
<td>$257,716.64</td>
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<td>Major Resources Group:</td>
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<tr>
<td>Major Individual Gifts</td>
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<td>Corporate Gifts</td>
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<tr>
<td>Foundation and Non-profit Organization Gifts</td>
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<tr>
<td>Total</td>
<td></td>
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   Grand Total | 12,714 | $2,029,157.76 |
December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More

a. $189,825.35 from the Estate of Hazel C. Youngberg, San Francisco, California, to be added to the Hazel C. Youngberg Memorial Fund.

b. $22,500.00 from Eastman Kodak Company, Rochester, New York—$10,000.00 for the Department of Chemistry, $7,500.00 as an unrestricted gift to the University, and $5,000.00 for the Department of Chemical Engineering.

c. $21,211.76 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine.

d. $15,600.00 from Eli Lilly & Company, Indianapolis, Indiana, for research in the Department of Medical Microbiology.

e. $10,000.00 from the Estate of Russell E. Lightner, Circleville, Ohio, for the College of Medicine.

f. $10,000.00 from The Richland County Foundation, Mansfield, Ohio, for student athlete grant-in-aid.

g. $10,000.00 from Shell Companies Foundation, Houston, Texas—$5,000.00 for its fellowship in Mechanical Engineering and $5,000.00 for Chemical Engineering.

h. $9,600.00 from New England Board of Higher Education, Columbus, Ohio, to support research on Veterinary Medical Programs.

i. $6,500.00 from Abbott Laboratories, North Chicago, Illinois, for research in the College of Medicine.

j. $6,000.00 from Paperboard Packaging Council, Washington, D.C., to support a research project in the Department of Food Science and Nutrition.

k. $5,500.00 from American Oil Foundation, Chicago, Illinois, for its fellowship in Chemical Engineering.

l. $5,433.30 from the Grand Chapter of Ohio, Order of the Eastern Star, New Lexington, Ohio, for cancer research.

m. $5,000.00 from W. E. Chope Foundation, Coral Gables, Florida, for a Dean's discretionary fund in the College of Medicine.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)

   n. $5,000.00 from the Duriron Company, Inc., Dayton, Ohio, for its Professorship in Metallurgical Engineering.

   o. $5,000.00 from Foundation for Endowment of a Chair at The Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in the College of Administrative Science.

   p. $5,000.00 from The Harry C. Moores Foundation, Gahanna, Ohio, for its scholarship fund in Dairy Technology.

   q. $5,000.00 from Lydia W. Pollack, Columbus, Ohio, to establish an endowed scholarship in the College of Law.

3. Establishment of Named Funds

   a. $10,000.00 from friends of Professor L. E. Kunkle for the establishment of the L. E. Kunkle Student Development Fund.

      L. E. Kunkle Student Development Fund

      The L. E. Kunkle Student Development Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from many friends of Professor L. E. Kunkle, Student and Professor of Meat Science at The Ohio State University for 44 years, on the occasion of his retirement.

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

      The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students who have demonstrated academic ability in Meat Science and need for financial assistance. The selection of the recipient is to be upon the recommendation of the Meat Science faculty. If additional income accrues, it may be used to further student development in the areas of academic excellence and industry relations.

      Should the need for the designated student assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the field of Animal Science.
December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

b. $6,937.50 from the Estate of Elizabeth F. De Golier Jones for the establishment of the De Golier Scholarship Fund.

De Golier Scholarship Fund

The De Golier Scholarship Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Elizabeth F. De Golier Jones, late of Cincinnati, Ohio.

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

The annual income is to be used to provide scholarship assistance to a student or students who are enrolled in the College of Veterinary Medicine and who have met the requirements of the University Scholarship Committee.

Should the College of Veterinary Medicine cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for veterinary medicine.

c. $5,000.00 from Mrs. Margaret W. Kahliff for the establishment of The William T. Kahliff Scholarship Fund.

The William T. Kahliff Scholarship Fund

The William T. Kahliff Scholarship Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Margaret W. Kahliff, Elyria, Ohio, in memory of her husband, Mr. William T. Kahliff.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.
December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

c. The William T. Kahliff Scholarship Fund (continued)

The annual income is to be used to provide one or more scholarships for students enrolled in the School of Natural Resources who have demonstrated academic ability and need for financial assistance. Preference in selection of the recipient(s) is to be given to students from the Cleveland area. The selection of the recipient(s) is to be made by the University Committee on Financial Aid upon the recommendation of the Scholarship Committee of the School of Natural Resources.

Should the need for the scholarships cease to exist or so diminish as to provide unused income, then the remainder of the fund may be used for any academic purpose whatsoever as determined by the Director of the School of Natural Resources.

d. $1,850.00 from friends of Rice A. Hershey for the establishment of the Rice A. Hershey Memorial Fund.

Rice A. Hershey Memorial Fund

The Rice A. Hershey Memorial Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from many friends of the late Rice A. Hershey, B.A. '26, J.D. '28.

The income is to be used for scholarships in the College of Law.

In case the need for such scholarships should cease to exist, or so diminish as to create unused income, then the income from this Fund may be used for any purpose in the College of Law as determined by the Dean or Chief Executive Officer of said College of Law.

E. Agreement Between The Ohio State University and The Ohio Historical Society

On March 18, 1970, the Board of Trustees approved an Agreement between The Ohio State University and The Ohio Historical Society regarding the Zoological Collection housed in the basement of Sullivant Hall (formerly known as the Ohio Historical Museum).
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

E. Agreement Between The Ohio State University and The Ohio Historical Society (continued)

The Ohio Historical Society now proposes to update and amend this Agreement, the principal amendment provides for the position of curator which was formerly shared by both organizations to be separated into two positions—one funded by the Historical Society and one by the University with reciprocal courtesy appointments.

It was recommended that the President of The Ohio State University be authorized to sign this amended Agreement with The Ohio Historical Society, and that the Agreement be incorporated into the official records of the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Parking Ramp - Medical Area

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,004,393.00</td>
<td>$3,003,362.54</td>
<td>($1,030,46)</td>
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</tbody>
</table>

Various revisions and deletions were made to this job due to conditions found during process of construction.

The credit on this contract has been reflected in Budget Account 801031 (Parking Ramp - Medical Area).

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.
V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Hopkins Hall and Hughes Hall—Exterior Masonry Repairs

This project will replace deteriorated mortar joints and related repairs which will prevent major repairs at a later date.

Funds for this project will be provided from Budget Account 125064 (Contract Repair).

B. Northwest Parking Ramp

This project will provide for a parking ramp to accommodate vehicles excluded from the Central Academic Area, thereby fulfilling the requirements of the Comprehensive Master Plan for a pedestrian campus.

Funds for this project will be provided from Parking Revenues.

C. Sisson Hall, Electrical Renovation and Air Conditioning

This project will provide air conditioning of the remaining areas of Sisson Hall to permit full utilization of teaching and research space on a year-round basis, and will improve the electrical system which is presently overloaded.

Funds for this project will be provided from SB 457 (Utilities and Renovations) and Budget Account 801291 (Sisson Hall, Electrical Renovation and Air Conditioning).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:
VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY (continued)

11 Approves the award of an extra order without competitive bidding on the project "Journalism Building Expansion" in order to correct structural defects discovered during construction. The change order is in the amount of $38,812.00 and funds are available in Item 315-064 (Journalism Building Expansion).

13 Approves the release of $5,695,741.75 for the award of contracts on the project "University Hall Complex" notwithstanding the fact that the low bid on the electrical contract exceeds the estimate of cost. Funds for this project are available in Item 315-078 (University Hall Complex).

14 Approves the release of $20,000.00 for IBM equipment, furniture, files, audio visual equipment and other miscellaneous items for the North Central Ohio Technical College. Funds for these purchases were transferred from the Mansfield Branch, The Ohio State University, Item 315-082 (in cooperation with the North Central Ohio Technical Institute) to the North Central Ohio Technical College, Item 380-001.

15 Approves the purchase of part of Lot 9, John A. Evans' College View Addition, more commonly known as 1627 Highland Street, Columbus, Franklin County, Ohio, at a purchase price of $23,000.00.

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - Marysville Veterinary Clinic - Underground Electric Line, The Dayton Power and Light Company

The Dayton Power and Light Company has requested a ten-foot easement across University lands at the rear of The Ohio State University Marysville Veterinary Clinic.

President Enarson recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for installation of the underground electric cable for the standard easement charge established by that office.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.
VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Purchase of Building and Property - South Campus

President Enarson recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 9, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 1627 Highland Street, from Thomas L. and P. M. Bassett, at a purchase price of $23,000.00.

This parcel will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 for the purchase of the property.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

VIII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Elvin F. Donaldson, Professor Emeritus, Academic Faculty of Finance in the College of Administrative Science; James G. Haub, Professor Emeritus in the Department of Zoology; Josephine H. MacLatchy, Associate Professor Emeritus in the College of Education; and LeRoy M. Tucker, Associate Professor Emeritus in the Department of Engineering Mechanics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Elvin F. Donaldson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 29, 1972, of Elvin F. Donaldson, Professor Emeritus, Academic Faculty of Finance in the College of Administrative Science.

Dr. Donaldson was born in Athens, Ohio, on April 21, 1903. He received his bachelor's, master's, and doctor's degrees in Business Organization from Ohio State and was a member of the faculty of the present College of Administrative Science from 1925 until his death.

Dr. Donaldson was a versatile individual. From 1923 to 1925, he served as student director of The Ohio State University band and from 1925 to 1929, he was assistant director of the band in charge of band formations. The marching band under Elvin Donaldson was the first band in the country to play
A. Elvin F. Donaldson (continued)

while going into formations. Several other Donaldson creations are still used by the band including the ramp entrance, the floating formation, the quick-step march, and the Revolving O used as the band goes into "Script Ohio."

Dr. Donaldson was promoted to Associate Professor of Business Organization in 1941 and attained the rank of Professor in 1946. His teaching abilities in undergraduate, graduate, and continuing education finance courses were widely recognized by both students and faculty. He served as an Instructor at The Graduate School of Savings and Loans at Indiana University every summer from 1949 until 1963 and was in charge of the finance courses of The Ohio State Executive Development Program from its inception in 1955 until 1971.

Dr. Donaldson was the author of three widely used textbooks in finance and was contributing author to two other finance books. He was a member of the American Economics Association and the American Finance Association and from 1961 to 1963 served on the Board of Directors of the latter organization. Dr. Donaldson had an active interest in Delta Sigma Pi (professional business fraternity), Beta Gamma Sigma (honorary business fraternity), and Phi Alpha Kappa (honorary finance fraternity).

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

B. James G. Haub

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 21, 1972, of James G. Haub, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Haub was born in Racine, Wisconsin, on March 26, 1907. He received his B.S. degree in biology and education from Capital University in 1929, and both his M.S. and Ph.D. degrees from The Ohio State University in 1931 and 1937 respectively.

Dr. Haub began his association with The Ohio State University as a Graduate Teaching Associate in 1932 and was promoted to the rank of Professor in 1958. Prior to assuming his duties at Ohio State, Dr. Haub was a school administrator at Carroll High School and a Visiting Professor at St. Cloud College in Minnesota in 1940.
December 1, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. James G. Haub (continued)

His associates will remember Dr. Haub as a dedicated and humble teacher. While at Ohio State University, he co-authored a book with Dr. D. F. Miller in general zoology that was widely used across the continent. In his last twelve years in the Department of Zoology, he was responsible for teaching up to 700 students each quarter in beginning zoology. He pioneered in utilizing television for lectures to large classes even though he personally would have preferred lecturing to individual smaller groups.

Many diverse research interests attracted his curiosity and his publications included topics dealing with invertebrates, physiology, behavior, and other phases of vertebrate biology. He was a Fellow of the Ohio Academy of Science and a member of several other professional organizations. He retired from the University on October 1, 1972, after over 40 years of service in various teaching positions.

Dr. Haub was first a teacher and devoted his major efforts towards providing students with a thorough understanding of zoology. He did this in a quiet, unassuming way despite the great responsibility of consistently large class enrollments of hundreds. The University was indeed fortunate to have such a dedicated teacher, whose first concern was for the student, as a member of the faculty for such a long time. His colleagues will miss his dry wit, his literary talents, and his example of dedicated teaching, an example rarely equaled.

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

C. Josephine H. MacLatchy

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 4, 1972, of Josephine H. MacLatchy, Associate Professor Emeritus in the College of Education.

Dr. MacLatchy was born in Hillsborough, New Brunswick. She received her A.B. and A.M. degrees from Acadia University and A.M. and Ph. D. degrees from the University of Chicago. For two years she attended Yale University as an Ives Fellow in Philosophy. After teaching at Western State Normal in Kalamazoo, Michigan, she came to The Ohio State University in 1922. In that same year she became managing editor of the Educational Research Bulletin which she helped to found, and remained in this position until her retirement in 1958. Dr. MacLatchy not only had heavy responsibilities in the founding and managing of the Educational Research Bulletin but she also occupied a similar role with The Journal of Higher Education which was launched in 1930.
VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Josephine H. MacLatchy (continued)

Her basic research included two areas, first that of studying young children's knowledge of numbers, and second that of studying vocabulary of elementary school children. Her pioneering study on the familiarity of three-, four-, and five-year olds with measurement has been widely used. Key findings were included in the Twenty-Ninth Yearbook of the National Society for the Study of Education. A second major study related to the role of the Kindergarten and its effect on children in later grades.

Dr. MacLatchy made a major contribution to The Ohio State University and to the field of education through her editing and management of the Educational Research Bulletin and The Journal of Higher Education. Her editing and scholastic standards were exacting and brought high praise from the readers of these two magazines.

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

D. LeRoy M. Tucker

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 3, 1972, of LeRoy Maddy Tucker, Associate Professor Emeritus in the Department of Engineering Mechanics.

Dr. Tucker was born in Carthage, Missouri, on July 21, 1890. After one year as a student at Ohio Wesleyan University, he attended Washburn College, Topeka, Kansas, from which he received a Bachelor of Arts degree in 1912. From the University of Illinois, he received the degree Bachelor of Science in Railway Civil Engineering in 1923; the Civil Engineering Professional degree in 1928; and the degree Master of Science in Theoretical and Applied Mechanics in 1931. He received a Doctor of Philosophy degree in Geology from The Ohio State University in 1954.

The teaching career of Dr. Tucker included service as Professor and Department Head of Mechanics and Materials at Clemson College from 1926 to 1929; Associate in Theoretical and Applied Mechanics at the University of Illinois from 1929 to 1932; and Assistant and Associate Professor of Engineering Mechanics at The Ohio State University from 1934 until his retirement in 1960.

Dr. Tucker had extensive professional experience. He served as surveyor, designer, and construction engineer for various railway companies for approximately ten years. For a two-year period, he was Urbana, Illinois,
VIII. RESOLUTIONS IN MEMORIAM (continued)

D. LeRoy M. Tucker (continued)

City Engineer, and also worked as an aircraft structural designer. He had numerous part-time contacts as a consultant, and following his University retirement he worked for the Ohio Department of Highways and was a private consulting engineer geologist.

Dr. Tucker served as Captain, Corps of Engineers, U. S. Army A. E. F. for two years and was a Reservist for 17 years. He was a member and past commander of American Legion Post No. 443. He was a member of First Community Church, and its Chancel Choir and 20th Century Club. His professional and honorary society affiliations included Ohio Society of Professional Engineers, American Society for Engineering Education, Society of American Military Engineers, Geological Society of America, Phi Kappa Phi, Tau Beta Pi, Sigma Tau, Chi Epsilon, Sigma Xi, and Sigma Gamma Epsilon.

Dr. Tucker enjoyed working with students and maintained an active interest in their development through work in honor, professional, and social fraternity groups. He was especially good with slow students who appreciated his patience, thoroughness, and willingness to devote much time to individual work.

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

* * *

IX. REPORT

A. Report on the University's Investment Portfolio

The report dated December 1, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

* * *

Thereupon the Board adjourned to meet Friday, February 2, 1973, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John H. Dunlap
Vice Chairman
APPENDIX V

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 15, 1972
The Recipients of Honors

HAL OSCAR ANGER
Doctor of Science
Biomedical researcher and inventor

In the field of nuclear medicine, much of the equipment used for diagnosis and treatment of related diseases is due to the electronic creativity of Hal Oscar Anger. Not only did he invent and construct the first clinically useful radioisotope camera, which is now in international use, but he was instrumental in developing an improved radioisotope scanning instrument which is gaining global popularity in medical circles.

A responsive interest in the welfare of his fellow man has sparked Hal O. Anger's creation of some of our nation's most far-reaching scientific contributions.

PAUL JACKSON KRAMER
Doctor of Science
Plant pathologist and author

Paul Jackson Kramer has established an international reputation as an effective scientific investigator, author, editor, and teacher in the botanical subdivision of plant physiology. Although well versed in all fields of plant science, he has made extensive research contributions in the field of plant water relations. The world acclaimed Phytotron Facility in North Carolina is due in great part to his personal enterprise.

Paul Kramer's experimentation and extensive bibliography of published works are evidence of his dedication to understanding the complexities of science.

ELBURT F. OSBORN
Doctor of Science
Earth scientist, research leader, and administrator

A nationally respected figure in the field of earth science, Elbert F. Osborn's active service to the scientific community has had widespread significance. In addition to his accomplishments as a leader in research, his current position as Director of the United States Bureau of Mines is witness to his expertise in the administrative realm. Both his research and his administrative interests demonstrate his continuing involvement with the earth and its natural resources.

Elbert Osborn's concerned participation in applying scientific knowledge to useful and productive ends marks him as an effective innovator in his field.

JESSE OWENS
Doctor of Athletic Arts
World-renowned athlete and humanitarian

Internationally known for his athletic achievements, Jesse Owens' formidable record in track and field competition has won him well deserved praise and recognition. His dramatic victories at the 1936 Olympic games alone would be enough to mark him as one of the most outstanding athletes of our time.

But apart from the arenas of athletic competition, Jesse Owens' humane convictions and spirit of selflessness have identified him as personifying the sportsmanship ideal.
Doctor of Philosophy

One hundred and sixty-eight candidates

Choon-Yong Ahn, Taegu, Korea
B.Econ. (Kyung-Pook National University); M.S. (University of Hawaii)
Field of Specialization: Agricultural Economics and Rural Sociology

Michael Dean Alexander, Columbus
B.S., M.A.
Dissertation: The Contri bution of Structural Meaning in Judgments About the Evaluative Disposition of a Speaker
Field of Specialization: Psychology

Robert Steven Ambley, Chandler, Okla.
B.A., M.A. (University of Oklahoma)
Dissertation: The Relationship of Ego-Involvement to Message Perception and Retention
Field of Specialization: Speech Communication

Dean Richard Baldwin, Yankton, S. D.
B.A. (Capital University); M.A.
Dissertation: Sir Percival of Galles: An Edition
Field of Specialization: English

Charles Anthony Barans, Columbus
B.S.Ag.; M.A. (College of William and Mary)
Dissertation: Seasonal Temperature Selections of White Bass, Yellow Perch, Emerald Shiners and Smallmouth Bass from Western Lake Erie
Field of Specialization: Zoology

Hubert Harry Baschard, Newcomerstown
B.A. (Kent State University); M.A.
Dissertation: Constituency and Legislative Voting Behavior: An Exploratory Analysis of the Effects of Issues, Competition, Roles, and the Legislator's Image of His District
Field of Specialization: Political Science

Georgia Brown Baumbach, Columbus
B.A.
Dissertation: The Psychology of Flannery O'Conner's Fictive World
Field of Specialization: English

John Henry Baumert, Chapel Hill, N. C.
B.S. (University of Michigan)
Dissertation: Near Infrared Photometry and Absolute Magnitudes of Carbon Stars
Field of Specialization: Astronomy

Anar Singh Baweja, Ludhiana, India
B.Sc. (Agr.); M.Sc. (Agr.) (Panjab University); M.S. University of Guelph, Canada
Dissertation: Effect of Permanent and pH-Dependent Charges on Clay-Phase Retention and Excised Root Uptake from Donnan-Type Systems of Vermiculite and Kaolinite
Field of Specialization: Agronomy

Mary Sandvold Baxter, Worthington
A.B. (Oberlin College); A.M.T. (Radcliffe College)
Dissertation: James Boswell: The Imagination of a Biographer
Field of Specialization: English

Grace Felstiber Beery, Columbus
A.B. (College of Saint Mary of the Springs); M.S.
Dissertation: Isolation and Identification of Immunologically Active Fractions of Helminthosporium Maydis
Field of Specialization: Botany

James Grant Bender, Columbus
B.E. (Youngstown University); M.S.
Dissertation: Studies in Synchronous Longitudinal Control
Field of Specialization: Electrical Engineering

Hugh Elias Black, Fairfield
D.V.M. (Ontario Veterinary College); M.S.
Dissertation: Investigation on Calcium Metabolism in Cattle Under Normal, Pathologic, and Experimental Conditions
Field of Specialization: Veterinary Pathology

Mary Lynne Cox Bowman, Westerville
B.S.
Dissertation: The Mode of Action of Phenethylguanide on Intestinal Glucose Transport
Field of Specialization: Physiological Chemistry

Gregory Orth Boosehur, Springfield
B.S. (Wittenberg University)
Dissertation: Filamentary Structure in Planetary Nebulae
Field of Specialization: Astronomy

John David Bossler, Johnstown, Pa.
B.S.C.E. (University of Pittsburgh); M.S.
Dissertation: Bayesian Inference in Geology
Field of Specialization: Geologic Science

Gregory Lee Bowler, Morgantown, W. Va.
A.B., A.M. (Indiana University)
Dissertation: Broadcaster Responsibility as Defined in the Editorials of Broadcasting Magazine and Compared to Positions of Industry Spokesmen: An Historical-Descriptive Study
Field of Specialization: Speech Communication

Mary Lynne Cox Bowman, Westerville
B.S.Ed., M.A.
Dissertation: The Development and Field Validation of an Instrument to Assess College Students' Attitudes Toward the Determinants of Environmental Issues
Field of Specialization: Education

B.S. (Cornell University); M.S.
Dissertation: A Conditionally Optimal Student Sectioning Algorithm
Field of Specialization: Industrial Engineering

Thomas John Briden, Oak Harbor, Wash.
B.A. (College of Guam); M.A.
Dissertation: An Analysis of the "Literature of Change" with Media Orientation Leading to New Perspectives on Communication Study
Field of Specialization: Speech Communication

Larry Wayne Browder, Terre Haute, Ind.
B.S., M.S. (Indiana State University)
Dissertation: Achievement and Interest Levels of 1967-1968 Industrial Arts Curriculum Project Students in 1972
Field of Specialization: Education
Bernard Joseph Brunner, Chester, Pa.
B.S. (Wheeling College); M.S.
**Field of Specialization:** Physics

Donald Carl Bulthaupt, Westerville
B.S. (Indiana Central College); M.S. (Michigan State University)
**Dissertation:** Nuclear Spectroscopy of Some Low-Lying Levels in $^{64}$Co
**Field of Specialization:** Physics

Field of Specialization: Education

Gary Bruce Byrd, Lubbock, Tex.
B.A., M.A. (Texas Technological College)
**Dissertation:** The Schwabish Hall City Council 1506-1530: Municipal Politics on the Eve of the Reformation
**Field of Specialization:** History

Llawanne Jones Callander, Bowling Green
B.A. (Miami University); M.A.
**Dissertation:** The Card D'Amor—a Thirteenth Century Occitan Allegorical Art of Love
**Field of Specialization:** Romance Languages and Literatures

Ralph Marlin Carter, Sycamore, Ill.
B.A. (University of Colorado); M.A. (Middlebury College)
**Dissertation:** Vocabulary Selection and Supplemental Materials for Advanced Spanish Classes
**Field of Specialization:** Education

David Lee Chambers, Toronto, Ont., Canada
B.PHE. (University of Toronto); M.P.E. (University of British Columbia)
**Dissertation:** An Analysis of the Professional Preparation and Attitudes of Male Secondary School Coaches in Selected Sports in the Province of Ontario
**Field of Specialization:** Physical Education

James Vernon Chambers, Willoughby
B.S., M.S.
**Dissertation:** The Effect of Selected Factors on the Respiration and Performance of a Model Dairy Activated Sludge System
**Field of Specialization:** Dairy Technology

Robert Eoff Chambers, Delaware
B.S., M.S. (Pennsylvania State University)
**Dissertation:** UDT, Population Stress and the Adrenal Cortex in Male Rabbits
**Field of Specialization:** Zoology

Chin-Nan Rolland Chen, Taipai, Taiwan
B.Pharm. (Taipeh Medical College); M.S. Pharmacy (University of Houston)
**Dissertation:** A Phytochemical Investigation of the Bark of Encophasia sexfasciata Endlicher
**Field of Specialization:** Pharmacy

Chen-Shu Chiu, Taipei, Taiwan
B.S. (Cheng Kung University); M.S. (University of Tennessee)
**Dissertation:** Optimum Array Processing for Detecting Binary Signals Corrupted by Directional Interference
**Field of Specialization:** Electrical Engineering

William Howe Cianci, New Britain, Conn.
A.B. (Providence College); M.S. in Journ. (Northwestern University)
**Dissertation:** Carl McIntire: A Study of His Philosophy and Use of the Mass Media
**Field of Specialization:** Speech Communication

Summer Norman Carren, Cincinnati
A.B. (Oberlin College); M.A.
**Dissertation:** The Effect of Changes in Strategy in a Complex Zero-Sum Game
**Field of Specialization:** Psychology

John Andrew Cooley, Dover
A.B. (Oberlin College); M.A.
**Dissertation:** The United States and the Panama Canal, 1938-1947: Policy Formulation and Implementation from Munich Through the Early Years of the Cold War
**Field of Specialization:** History

Kent William Creswell, Cedarville
B.A.; A.M. (Wheaton College)
**Dissertation:** An Historical Descriptive Analysis of the Broadcast Skills Bank—A Cooperative Industry Effort to Involve Minorities in Broadcasting
**Field of Specialization:** Speech Communication

Solomon Frederick Cushman, Little Compton, R.I.
B.A. (Amherst College); M.A. (Wesleyan University)
**Dissertation:** The Ohio Standard Baseline, 1970
**Field of Specialization:** Geodetic Science

Paul Anders Dahquist, Bethlehem, Conn.
B.A. (Yale University); M.A.
**Dissertation:** Kofdo Mweung: The Food Complex in a Changing Panamanian Society
**Field of Specialization:** Anthropology

Donald Paul D'Amato, Waukegan, Ill.
B.A. (Ohio Wesleyan University); M.S.
**Dissertation:** Search for Low-Lying Levels of the Giant Dipole Resonance in $^{64}$Ga by the $^{12}$C(p,3) Reaction
**Field of Specialization:** Physics

Richard Jacob Daniels, Mariemont
B.A., M.A.
**Dissertation:** A Study of the Formal and Literary Unity of the N-Town Mystery Cycle
**Field of Specialization:** English

Walter Eugene DeKock, Cedar Rapids, la.
A.B. (Central College); M.A. in Ed. (Iowa State Teachers College)
**Dissertation:** An Analysis of Student Performance Using a Laboratory Oriented High School Physics Program
**Field of Specialization:** Education

William Michael Dickson, Pensacola, Fla.
B. of Pharm. (Washington State University)
**Dissertation:** An Investigation into the Activities of Community Pharmacists Practicing in a Specified Chain Pharmacy Work Environment
**Field of Specialization:** Pharmacy
Omar Ismail El-Khatib, Amman, Jordan
B.A. (American University at Cairo); M.S. (Syracuse University)
Dissertation: A Functional Plan for Professional Training of Broadcasters in Developing Countries
Field of Specialization: Speech Communication

Mary Elizabeth Elmenhorst, Tampa, Ill.
B.S. Ed. (Northern Illinois State Teachers College); A.M. (University of Illinois); M.S. Ed. (University of Wisconsin)
Dissertation: Occupational Stereotypes and Holland’s Theory
Field of Specialization: Psychology

Edition Louise Frankenberg, Oxford
A.B. (College of Mount Saint Joseph on the Ohio); M. Ed. (Xavier University)
Dissertation: Self-Actualization and Environment: The Personal Orientation Inventory as a Measure of Personal Growth Among Undergraduates in a Living-Learning Community
Field of Specialization: Education

Grover Thomas Frederick, Cleveland
B.S., M.S.
Dissertation: Immunological Responses to Glycerol-Teichoic Acids
Field of Specialization: Microbiology

Robert Louis Gaffey, Pittsburgh, Pa.
B.A., M. E. (Duquesne University)
Dissertation: An Investigation of the Concurrent Validity of Holland’s Theory
Field of Specialization: Psychology

James Michael Gardner, Columbus
B.A. (City College of New York); M.A. (Hunter College)
Dissertation: Training Nonprofessionals in Behavior Modification
Field of Specialization: Psychology

B.A. (University of Maryland); M.H.A. (University of Minnesota)
Dissertation: A Study of the Nature and Function of Emergency Medical Services Advisory Councils in Relation to Selected Community Variables
Field of Specialization: Preventive Medicine

Mary Merullo Greeda, Worthington
B.A. (Ohio Wesleyan University); M.A.
Dissertation: Significant Career Development Incidents in a Freshman Experiential Teacher Education Program
Field of Specialization: Education

Daniel Goodman, Cincinnati
B.S.
Dissertation: The Paleocology of the Tower Island Bird Colony: A Critical Examination of Complexity-Stability Theory
Field of Specialization: Zoology

Kenneth Roger Gordon, Perryburg
B.S. in Edu. (Capital University); M.S.
Dissertation: Phosphate-Induced Changes in Phytoplankton and Primary Productivity in a Pond near Delaware, Ohio
Field of Specialization: Botany

Richard Allen Hahn, Columbus
B.S. Pharm., M.S.
Dissertation: An Investigation into the Interaction of Prostaglandin F2 with Cholinergic Mechanisms in Canine Salivary Glands
Field of Specialization: Pharmacy

Jeanne McLain Harms, Waterloo, Ia.
B.A. (Northern Iowa State Teachers College); M.A., Ed.S. (University of Northern Iowa)
Dissertation: Children’s Responses to Fantasy in Relation to Their Stages of Intellectual Development
Field of Specialization: Education

Burt Bruce Hart, Greensburg, Pa.
B.Ed. (University of Buffalo); M.Ed. (State University of New York at Buffalo)
Dissertation: The Effectiveness of the Programmed Instruction Component in the Standard First Aid Course
Field of Specialization: Multimedia System Adopted by the American National Red Cross
Field of Specialization: Physical Education

George David Hay, Columbus
B.A.A.E., M.S.
Dissertation: The Effect of Longitudinal Wholebody Vibration on Wave Propagation in the Aorta
Field of Specialization: Aeronautics and Astronautical Engineering

Stephen Raymond Heinmann, Columbus
B.S., M.A.
Dissertation: The Methodology of Cluster Analysis: An Application to Receivables
Field of Specialization: Accounting

Paul Thomas Hill, Riverton, Wyo.
B.A. (Seattle University); M.A.
Field of Specialization: Political Science

B.A. (Duquesne University)
Dissertation: The Structure of Ovid’s Amores, Book I
Field of Specialization: Classics

Alton Keith Hopkins, Columbus
B.S.; M.S. (Air Force Institute of Technology)
Dissertation: The Dynamic Compression and Release of Mechanical Mixtures in the Presence of a Phase Change
Field of Specialization: Metallurgical Engineering

Shang-Wu Huang, Kaohsiung, Taiwan
B.S., M.S. (National Taiwan University)
Field of Specialization: Civil Engineering

* Degree granted in cooperation with Miami University
John Henry Hughes, Glencoe
B.S. Ed.; M.A. (Bowling Green State University)
Field of Specialization: Medical Microbiology

Christopher Ngozi Hendi, Columbus
B.S. (University of California, Davis); M.S. (University of Nebraska)
Field of Specialization: Agricultural Engineering

Ronald Rudolph Ingle, Marietta, Ga.
A.B. (Wofford College); M.S. (Florida State University)
Dissertation: The Use of the Semantic Differential as an Encoding Technique in Short-Term Memory by Normal and Educated Mentally Retarded Subjects
Field of Specialization: Psychology

Sugnesh Kumar Jain, Rajasthan, India
B.Sc. Agr. (Rajasthan University); M.Sc. Agr. (Agra University)
Dissertation: Effects of Antifertility Agents, Castration and Cryptorchidism on Reproductive Organs and Testosterone Levels in Adult Male Rats
Field of Specialization: Dairy Science

B.S. (Concordia College, Moorhead, Minnesota); M.S. (South Dakota State University)
Dissertation: An Analysis of the Involvement of Head Football Coaches in the Physical Education Professional Preparation Program in Selected American Colleges and Universities
Field of Specialization: Physical Education

Chir Agnigoli Johnson, Albuquerque, N.M.
B.S. in Home Ec. (Ohio Dominican College); M.S.
Dissertation: The Development of a Practical Research Method for the Improvement of Selected Health Science Curriculums: A Pilot Study of Beginning Level Dietitians
Field of Specialization: Education

Jagmohan Joshi, Columbus
B.Sc., M.Sc. (Panjab University, India)
Dissertation: Study of Seed Yield Efficiency, Hybrid Vigor, and Phenotypic Correlations in Glycine Max (L.) Merrill
Field of Specialization: Agronomy

John Wesley Josyer, Columbus
B.S., M.S. (Tennessee Agricultural and Industrial State University)
Dissertation: The Relationship Between Scores on the Nelson-Denny Reading Test and Academic Performance of Afro-American College Freshmen
Field of Specialization: Education

Abdul Gaffar Khan, Jubalpur, India
B.V.Sc., M.V.Sc. (University of Jubalpur)
Dissertation: Selection Response and the Performance of Crossbred Progeny from Normal and Dwarf Broiler Breeder Dams
Field of Specialization: Poultry Science

Vijay Kumar Khusla, Baren Dunga, India
B.Sc. (University of Ranchi); M.E. (Roorkee University)
Dissertation: Behavior of Dry Ottawa Sand Under Cyclic Loadings
Field of Specialization: Civil Engineering

Gian Prakash Khurana, Delhi, India
B.Sc. (University of Delhi); M.Sc. (Indian Agricultural Research Institute)
Dissertation: Physical, Chemical and Mineralogical Properties of Some Salt Affected Soils of Rajasthan, India
Field of Specialization: Agronomy

Paul Esmond King, Sutton, England
B.A. (University of Bristol); M.A.
Dissertation: Social Indicators and Social Welfare: Columbus, Ohio, 1969
Field of Specialization: Geography

Harold James Kinzer, Urbontown, A.B. (State University of South Dakota)
Dissertation: An Alternative to Traditional Athletic Competition with Special Reference to Figure Skating
Field of Specialization: Physical Education

Ratan Lal Lakhotia, Bikaner, India
B.V.Sc. and A.H. (University of Rajasthan); M.S. (Panjab Agricultural University)
Dissertation: Studies on the Incidence and Virulence of Drug-Resistant and R Factor-Carrying Enterobacteria Isolated from Poultry
Field of Specialization: Poultry Science

Dorothy Wise Laming, Yellow Springs
B.A. (Wittenberg University); M.A.
Dissertation: Ellis Rules: A Man of Repertory
Field of Specialization: Theatre

Deborah Ann Lang, Evanston, Ill.
B.A. (Valparaiso University)
Field of Specialization: Education

Helene Jeanette Law, Pittsburgh, N.Y.
B.S. (University of Maine); M.A.
Dissertation: Possibility of Three Types of Simulation Experiences in Preparation for Student Teaching in Home Economics
Field of Specialization: Home Economics

You-Hwa Lee, Columbus
B.Ed. (Taiwan Normal University); M.S. (Indiana State College)
Dissertation: Asymptotic Properties of Convolution Products of Sequences
Field of Specialization: Mathematics

Steven Smith Lomley, Westminster, Calif.
B.A. (Pepperdine College)
Dissertation: A Rhetorical Study of the Executive-Legislative Struggle for Influence in Foreign Policy: The Senate Foreign Relations Committee Hearings on America's Role in Southeast Asia 1964-1971
Field of Specialization: Speech Communication
John Timothy Leonard, Columbus
B.A. (Athenaeum of Ohio); STB, STL (Pontificia
Universitas Gregoriana, Italy)
Dissertation: Goals for the Education of White
Americans in the Context of Racism
Field of Specialization: Education

Phoebe Helen Lewis, Houghton, N. Y.
B.A. (Houghton College); M.A. (Western Michigan
College of Education)
Dissertation: The Relationship of Sociodramatic Play to
Various Cognitive Abilities in Kindergarten Children
Field of Specialization: Education

William Charles Lewis, Oxford
B.S., M.Ed. (Miami University)
Dissertation: A Selection of Teaching Activities as Course
Objectives for the Professional Physical Education
Curriculum
Field of Specialization: Physical Education

Anthony Frank Libertella, New Rochelle, N. Y.
B.A. (Iona College); M.A.
Dissertation: The Steel Strike of 1909: Labor,
Management, and Government Relations
Field of Specialization: History

Frank Jackson Lizotte, Lodi
B.A. (Baldwin-Wallace College); M.A.Ed. (University
of Akron)
Dissertation: Elementary Internship at the
Undergraduate Level: An Analysis of Feasibility and
Outcomes of a Pilot-Program at Findlay College
Field of Specialization: Education

Ting-Yu Lo, Taipei, Taiwan
B.S. (National Taiwan University); M.S. (Rice
University)
Dissertation: Fundamental Studies in the Use of Sonic
Power for Rock Cutting
Field of Specialization: Engineering Mechanics

Jui-nfa Lu, Lyndhurst, N. J.
B.E. (Taiwan Christian College of Science and
Engineering); M.S.Civil Engr. (South Dakota School of
 Mines and Technology)
Dissertation: Dynamic Stability of a Spherical Shell
Submerged in an Acoustic Medium
Field of Specialization: Engineering Mechanics

Arthur Maurice Lucas, Blackwood, Australia
B.Sc., B.Ed. (University of Melbourne)
Dissertation: Environment and Environmental Education:
Conceptual Issues and Curriculum Implications
Field of Specialization: Education

Edward Christopher Lucy, Liverpool, N. Y.
B.S.Ed. (State University College at Cortland,
New York); M.A.
Dissertation: An Evaluation of a Laboratory Science
Program in a Professional Education Course for
Prospective Secondary Science Teachers at The Ohio
State University
Field of Specialization: Education

Nelson T-sai-Chuang Ma, Chunghua-Hsien, Taiwan
B.E. (Chung Yuan College of Science and Engineering);
M.S. (Tennessee Technological University)
Dissertation: Stress Wave Propagation in a Curved
Transmission Line
Field of Specialization: Engineering Mechanics

Peter Maslowski, Cincinnati
A.B. (Miami University); M.A.
Dissertation: "Treason Must Be Made Odious": Military
Occupation and Wartime Reconstruction in Nashville,
Tennessee, 1862-1866
Field of Specialization: History

Betty Ann Mathis, Columbus
B.S., M.S.
Dissertation: Techniques for the Evaluation and
Improvement of Computer-Produced Abstracts
Field of Specialization: Computer and Information Science

Pearson Dudley McWane, Milan
B.S. (Virginia Military Institute); M.S.
Dissertation: A Look at the Antenna Radiation Problem
in the Time Domain
Field of Specialization: Electrical Engineering

Harvey Alexander Meier, Van Nuys, Calif.
B.S. in Animal Sci. (Washington State University); M.S.
(University of Arizona)
Dissertation: Agricultural Lending Attitudes, Practices
and Activities of Ohio Commercial Bankers
Field of Specialization: Agricultural Economics and
Rural Sociology

Roberto Merletti, Turino, Italy
Laurea (Politecnico di Torino); M.S.
Dissertation: Digital Computer Modelling, Simulation
and Analysis of the Physiology and Pathology of the
Body
Field of Specialization: Electrical Engineering

Glory Barayuga Merril, Honolulu, Hawaii
B.A. (University of Hawaii)
Dissertation: Part I: The Preparation and Reactions of
a-Hydroxy- and a-Alkoxyalkylidenetriphenylphosphazines
Part II: The Synthesis of 1,3,4-Oxadiazoles Via
Triphenylphosphine Derivatives
Field of Specialization: Chemistry

David Dean Meyer, Sausalito, N. Y.
B.S.E.E., M.S.E.E. (Purdue University)
Dissertation: Two-Dimensional Numerical Analysis of
Semiconductor Devices: Application to Bipolar
Transistors
Field of Specialization: Electrical Engineering

Harold Warren Mick, Des Moines, Ia.
B.A. (State College of Iowa); M.B.S. (University of
Colorado); M.A. (University of Kansas)
Dissertation: The Design and Production of Animated
Film Loops, CAI and Pamphlets in an Individualized,
Multi-media Unit on Solving Inequalities: A
Developmental Study
Field of Specialization: Education

William Arthur Miller, Kirkwood, Mo.
B.A. (Saint Louis University)
Dissertation: Kant's Realms
Field of Specialization: Philosophy

266
Stephen Malcolm Milliet, Columbus
B.A. (Miami University); M.A.
Field of Specialization: History

Bruce Alex Mitchell, Lake Forest, Ill.
B.S. in Ed. (Northern Illinois University);
M.M. (University of Tennessee)
Dissertation: The Effect of a Teacher Developed Unit in Hyperbolic Geometry on Structural Objectives in Tenth Grade Geometry
Field of Specialization: Education

Edilberto Mogollon-Fernandez, Gilhau, Peru
B.Eng.Ind. (National University of Engineering, Peru);
M.S.
Dissertation: Study of the Electrochemical Exchange of Oxygen Between A Solid Electrode Porous Platinum Electrode and a Flowing Gas
Field of Specialization: Chemical Engineering

Robert Philip Morgan, Columbus
B.S., M.S.
Dissertation: Self-Dosed Respiration in Rats: The Effect of Feedback Delay
Field of Specialization: Physiology

B.S. in Educ. (California State College, Pennsylvania);
M.S.W. (West Virginia University)
Dissertation: Bureaucratic Orientation and Attitudinal Attributes of Professionalism Among Professional Social Workers in a Classical Bureaucratic Setting
Field of Specialization: Social Work

Thomas Elton Nappier, Jr., Fort Sumner, N. M.
B.S., M.S. (New Mexico State University)
Dissertation: Coordination Properties of a Triphosphine Ligated with Rhodium, Nickel, and Cobalt
Field of Specialization: Chemistry

John J. M. Oehland, The Dalles, Ore.
B.S., M.S. (Oregon State University)
Dissertation: Polarized Growth Within a Central Place System
Field of Specialization: Geography

Paul Dietzer Oeltjen, Ohrwege, West Germany
Vor-Diplom (Universitat Marburg an der Lahn); M.A.
Dissertation: Maslow's Need Hierarchy Concept and Individual Differences in Need Profiles in an Organizational Setting
Field of Specialization: Psychology

Marvin Min-ron Lee Ong, Taipei, Taiwan
B.S., M.S.Agr. (National Taiwan University)
Dissertation: Changes in Farm Level Savings and Consumption in Taiwan 1960-1970
Field of Specialization: Agricultural Economics and Rural Sociology

Ann Louise Walthall Orsini, Cranston, R. I.
B.S., M.S. (University of Rhode Island)
Dissertation: Search and Transmission of Fabric Performance Information by Consumers and Sales Personnel
Field of Specialization: Home Economics

Chester Falen, Kent
B.S. in Ed.; M.S. in Ed. (Bowling Green State University)
Dissertation: The Perception of Distorted Speech by Children with Speech Disorders
Field of Specialization: Speech Communication

John Michele Pascone, Ardsley, N. Y.
B.S. (Fordham University)
Dissertation: Part I: Nucleophilic Cleavage of p-Toluenesulfonates. Parts II and III: 7-Methyl and 7-Aryl-7-Norbornenyl Cations
Field of Specialization: Chemistry

Roger Frederick Peen, Rockford
B.S. in Educ. (Bowling Green State University); M.S.T.
(Cornell University)
Dissertation: An Experimental Study Involving the Use of Contract Evaluation in a Chem Study in a Traditional High School Chemistry Course
Field of Specialization: Education

Vera Edmondson Perry, Hampton, Va.
B.S., M.A. (Hampton Institute)
Dissertation: Differences in Language Facility Between Black and Caucasian Educable Mentally Retarded Students in a Mid-Western Urban City Public School System
Field of Specialization: Education

John Joseph Plotzing, Cincinnati
B.S. Ed., M.Ed. (Miami University)
Dissertation: Utilization of Computer Assisted Instruction Made Available in Elementary Undergraduate Mathematics
Field of Specialization: Education

B.S. (United States Military Academy)
Dissertation: A Study of Twenty-One Variables Relating to Leader Legitimation
Field of Specialization: Business Administration

Nancy Knauss Pinchoff, Campbell
B.S. in Educ. (Youngstown University); M.A.
Dissertation: Preferences of Elementary Students and Their Parents for Counselors
Field of Specialization: Education

Jack Richard Pingry, Columbus
B.S.M.E. (Purdue University); M.Sc. (University of Virginia); M.B.A.
Dissertation: An Examination of the Purchasing Process for Technical Industrial Products
Field of Specialization: Business Administration

Gerald Gene Pope, Bloomville
B.S. Nutrition, M.S.
Dissertation: Effect of Time, Temperature and Fortification Level on the Retention of Ascorbic Acid in Fortified Tomato Juice
Field of Specialization: Horticulture

Sanford Reich, Cleveland
B.S.E.E., M.S.Eng. (Case Institute of Technology)
Dissertation: Design and Evaluation of a Dual Function Visual Vocoder in Speech Therapy
Field of Specialization: Electrical Engineering

* Also Master of Arts, Graduate School

267
Diane Lois Reinhard, Milwaukee, Wis.
B.S., M.S. (University of Wisconsin, Milwaukee)
Disseration: Methodology Development for Input Evaluation Using Advocate and Design Teams
Field of Specialization: Education

William Howell Roberts, Delaware
B.A., B.S.Ed., Delaware
Disseration: An Examination of the Contemporary American Novel as a Means of Assisting Students in Meeting the Demands of a Changing Society
Field of Specialization: Education

Harold Wayne Rosc, Xinia
B.S. (E.E.), M.S. (University of Colorado)
Disseration: Holographic Lens Systems
Field of Specialization: Electrical Engineering

Michael Lewis Sanow, Rochester, N. Y.
A.B. (University of Rochester); M.A. (Northeastern University)
Disseration: A Case Study of Race Relations Among Students in a Transitional High School
Field of Specialization: Sociology

Nareesh Chandra Saxena, Udaipur, India
B.E. (University of Rajasthan); M.S.
Disseration: Viscoplastic Characterization of Soybean Grain Under Quasi-static Loading
Field of Specialization: Agricultural Engineering

Philip A. Schloossler, Columbus
B.S.Phys., M.S.
Disseration: Investigation of the Radiation Imaging Properties of Pyroelectric Detector Arrays
Field of Specialization: Nuclear Engineering

William Dean Schmidt, Ellensburg, Wash.
B.Sc. in Educ. (University of Nebraska); M.A. (San Diego State College)
Disseration: Design Elements in Instructional Films: An Attempt to Derive Some Operational Generalizations Based on Research and on Producer Opinion
Field of Specialization: Education

David Russell Schneider, Columbus
B.A. (University of Wichita)
Disseration: On the Biochemical and Morphologic Characterization of Microtubule Phosphate Accumulation
Field of Specialization: Pharmacology

B.A., M.A. (Clark University)
Disseration: Field and Laboratory Studies of the Ecology and Physiology of Selected Algae, Mosses, and Lichens from Antarctica
Field of Specialization: Botany

Arline Ovidia Schrader, Des Plaines, Ill.
B.A. (Beloit College); M.A. (Northwestern University); Cert. TESOL
Disseration: Children's Responses Toward Spanish Cultures Through the Integration of FLES, Language Arts, and Social Studies
Field of Specialization: Education

Paul Richard Schratch, Falls Church, Va.
B.S. (United States Naval Academy); M.A. (Boston University)
Field of Specialization: Political Science

Anthony Schwartz, Columbus
B.S. (Cornell University)
Disseration: Studies on Baboon Xenogeneic Histocompatibility Antigens
Field of Specialization: Medical Microbiology

Nitin Mohanlal Sevak, Dayton
B.E. (University of Baroda, India); M.S. (University of California, Berkeley)
Disseration: Optimal Synthesis of Flexible Link Mechanisms with Large Static Deflections
Field of Specialization: Mechanical Engineering

Richard Wayne Shoenberger, Dayton
B.S., M.S. (Florida State University)
Disseration: An Investigation of Human Information Processing During Whole-Body Vibration
Field of Specialization: Psychology

Mary Joannette Sirridge, Prairie Village, Kan.
B.A. (Saint Mary's College, Indiana); M.A.
Disseration: Social Deprivation and Stimulus Satiation in the Rat
Field of Specialization: Philosophy

Lloyd Reynolds Sloan, San Antonio, Tex.
B.A. (University of Texas); M.A.
Disseration: Social Deprivation and Stimulus Satiation in the Rat
Field of Specialization: Psychology

James Martin Smiley, Prestonsburg, Ky.
B.S., A.M. (Morehead State University)
Disseration: The Identification and Comparison of Accounting Concepts That Should Be and Are Included in the Course Content of the First-Year High School and Post-Secondary Accounting Courses
Field of Specialization: Education

Russell Guy Smith, Milledgeville, Ga.
B. of Cer. Eng., M.S. Cer. Eng. (Georgia Institute of Technology)
Disseration: Characterization of Inorganic Pigment Production by Vapor Phase Reaction
Field of Specialization: Ceramic Engineering

Russell Yates Smith, Dayton
B.A., M.A.
Disseration: The Making of an Egyptian Nationalist: The Political Career of Saad Zaghlul Pasha Prior to 1919
Field of Specialization: History
Chairman of Field of Dissertation:

- Field of Specialization: Sociology
  - Stephen Ralph Strome, Oxford
    - B.S. in Ed., M. Ed. (Miami University)
    - Dissertation: A Comparison of the Academic Achievement and Graduation Success of Grant-in-Aid Athletes Under Four Different Prediction Plans
    - Field of Specialization: Physical Education

- Field of Specialization: Education
  - Richard Alan Swanson, Columbus
    - B.S. in Math. (Illinois Institute of Technology); M.A. (Northeastern Illinois State College)
    - Dissertation: The Development and Evaluation of an Instructional Unit in Consumer Mathematics for Secondary School Low Achievers
    - Field of Specialization: History

- Field of Specialization: Speech Communication
  - Mary Faith Tanney, Pittsburgh, Pa.
    - B.A. (Pennsylvania State University); M.A.
    - Dissertation: The Initial Impact of Racial Differences on Clients: An Analogue Study
    - Field of Specialization: Psychology

- Field of Specialization: Sociology
  - Ervin Bernard Teuber, Worthington
    - B.A. (Saint Cloud State College); M.A.
  - Field of Specialization: Chemistry
    - George John Theus, Jr., Parma
      - B.S. (Case Institute of Technology); M.S.
      - Dissertation: Electrochemical Studies of Metals in Fused Sodium Hydroxide
      - Field of Specialization: Metallurgical Engineering

- Field of Specialization: Physics
  - Gerald Lee Thompson, Ames, IA
    - B.S. (Iowa State University of Science and Technology); M.A.
    - Dissertation: A Small He Cryostat for Single Crystal Neutron Diffraction Applications with a New Thermometer Calibration Technique
    - Field of Specialization: Physics

- Field of Specialization: History
    - A.B. (Boston University); M.A. (University of Denver)
    - Dissertation: Professionalism and Innovation Acceptance Among Teachers
  - Field of Specialization: Sociology
    - Robert Lee Vecellio, Ironston
      - B.C.E., M.S.
      - Dissertation: Analysis of Platoon Dispersion Characteristics on One-Way Urban Signalized Arterials
      - Field of Specialization: Civil Engineering

- Field of Specialization: Plant Pathology
    - B.A. (Reed College); B.S. (Portland State College); M.A. (Fresno State College)
    - Dissertation: The Application of Decision Theory to Governmental Decision Making
    - Field of Specialization: Industrial Engineering

- Field of Specialization: History
  - Barry James Ward, Libertyville, Ill.
    - B.A. (Lake Forest College); M.A.
    - Dissertation: A Functional Approach to the English Folk Play
    - Field of Specialization: English

- Field of Specialization: Astronomy
  - Vernaline Watson, Hesperus, N. C.
    - B.A., M.A. (North Carolina College at Durham)
    - Dissertation: Organizational Decisions and Disability Behavior
    - Field of Specialization: Sociology
Tirnph Go Woc, Youngstown
A.A., M.D. (Far Eastern University, Philippines)
Dissertation: Studies of the Mechanism of Action of
Uridine Diphosphate-galactose-4-epimerase
Field of Specialization: Chemistry

Jane Gotovac, White, Caledonia
B.A. (Ohio Wesleyan University) ; M.A.
Dissertation: The Lattice-Ladder Concept Applied to the
Child Development Programs in Technical Education
Field of Specialization: Home Economics

Vitaly Wowk, Columbus
B.A. (Mississippi State College); M.A.
Dissertation: The Historical Novels of Ivan Ivanovich
Lazennyov
Field of Specialization: Slavic Languages and Literatures

Wa-Nan Wu, Kaohsiung, Taiwan
B.Sc. Pharmacy (Kaohsiung Medical College)
Dissertation: Antimicrobial Agents from Thalietrum
Rugosum All. (T. colmonae Desf.)
Field of Specialization: Pharmacy

Gerald A. Zeisel, Brooklyn, N. Y.
B.B.A., M.B.A. (City College of New York)
Dissertation: Choice of Accounting Procedures: When
Conflict Exists Between Managers and Shareholders
Field of Specialization: Accounting
Master of Accounting
Two candidates

Ole Daniel Bay, Winlock, Wash.
B.A., (University of Washington)
Field of Specialization: Accounting

Daniel George Hoffmann, Columbus
B.S., Food Tech.
Field of Specialization: Accounting

Master of Architecture
Two candidates

Wornhui Chi, Taipei, Taiwan
B.S., (Tunghai University)
Field of Specialization: Architecture

Liang-Yuan Columbus
B.A., (Tunghai University)
Field Specialization: Architecture

Master of Arts
One hundred and fifty-nine candidates

Cecilia Von Almen Adams, Grove City
B.Mus., (Heidelberg College)
Field of Specialization: Education

Kay Angora Adams, Columbus
B.A., (University of Texas)
Field of Specialization: Education

Bonnie Woods Anderson, North Olmsted
A.B., (Hope College)
Field of Specialization: History of Art

Carol Jeffrey Andreee, Columbus
A.B., (Smith College)
Field of Specialization: Education

Barbara Turnham Armbruster, Columbus
R.A., (Bridgewater College)
Field of Specialization: English

Edith Round Bader, Columbus
B.S.Ed.
Field of Specialization: Education

Elvaree Banks, Elyria
B.S.Ed.
Field of Specialization: Education

Daniel James Beck, Columbus
R.A., (University of Cincinnati)
Field of Specialization: Political Science

Victoria Fein Bernstein, Bayshore, N.Y.
R.A., (Queens College)
Field of Specialization: Psychology

Cynthia Stark Bessey, Columbus
B.S.Ed.
Field of Specialization: Education

Wanda Lee Boykin, Zanesville
B.A., (Otterbein College)
Field of Specialization: Education

Marjory Lucille Bremer, Canal Winchester
B.S.Ed.
Field of Specialization: Education

Charles Gregory Burtz, Iowa City, Ia.
B.B.A., M.A., (University of Iowa)
Field of Specialization: Public Administration

B.M., (Western Michigan University)
Field of Specialization: Music

Glenn Frank Campbell, Columbus
A.B., (Colgate University)
Field of Specialization: Speech Communication

Judi Pietrini Caron, Columbus
B.S., (Arizona State University)
Field of Specialization: Sociology

George Richard Chesley, Halifax, N.S., Canada
B.Com., (Mount Allison University)
Field of Specialization: Accounting

William Arthur Cloate, Jr., Columbus
B.A., (Muskingum College)
Field of Specialization: Education

Roger Frederick Coffman, Newark
B.A., (Marietta College)
Field of Specialization: Education

Clarice Bami-Joko Congor-Thompson, Free-town, Sierra Leone
B.S.Ed.
Field of Specialization: Education

Patrick Joseph Connor, Columbus
A.B., (Ohio Dominican College)
Field of Specialization: Education

James Henry Coward, Columbus
R.S., (United States Naval Academy)
Field of Specialization: Education

Thelma Downing Dugger, Lancaster
R.S. in Soc. Adm.
Field of Specialization: Education

Patricia Jean Cuccamo Daugherty, Cuyahoga Falls
B.S.Ed., Cert Grad Dent Hyg.
Field of Specialization: Education

Patricia More Dawson, Hilliard
B.S.Ed.
Field of Specialization: Psychology

Sally Ellen Dellingir, Columbus
B.S.Ed.
Field of Specialization: Physical Education

Deborah Gaynn Demcheck, Metairie, La.
R.S., (Louisiana State University and Agricultural and Mechanical College)
Field of Specialization: Psychology

Sister Miriam Doherty, Waukesha, Wis.
R.A., (Holy Family College)
Field of Specialization: Education

Adrienne Wymona Douglas, Spartansburg, S.C.
R.S.,
Field of Specialization: Psychology

Elizabeth Rolfe Dwyer, Columbus
B.S.Ed.
Field of Specialization: Education

Stefanos Erkara, Istanbul, Turkey
Degree (Athens Graduate School of Economics and Business Sciences)
Field of Specialization: Economics

Diane Reeder Ewing, Columbus
B.S.Ed.
Field of Specialization: Psychology

Jennifer Jones Farmer, Columbus
B.S., (Bowling Green State University)
Field of Specialization: Education

Dianne Chappelle Faulk, Cleveland
B.S., (Central State University)
Field of Specialization: Education

George Joseph Fern, Youngstown
B.M., (Youngstown State University)
Field of Specialization: Music

Thomas Francis Ford, Pittsburgh, Pa.
R.S., in B.A., (Duquesne University)
Field of Specialization: Economics

Judith Kay Freeman, Belmont
B.S.Ed.
Field of Specialization: Education

Ronna Ann Freiberg, Columbus
A.B., (University of Michigan)
Field of Specialization: Romance Languages

Dean Wilson Fried, Springfield
R.S.Bus. Adm.
Field of Specialization: Economics

Kathleen Michele Gaynor, Toledo
R.S. in Ed., (Bowling Green State University)
Field of Specialization: Education

Rhoda Grant Gole, Columbus
R.S., (Simon's College)
Field of Specialization: Education
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<td>Rodney Roscoe</td>
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<td>Dianne Davis Roth</td>
<td>Columbus</td>
<td>B.A.</td>
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<tr>
<td>Linda Kay Schamber</td>
<td>Mansfield</td>
<td>B.S.Ed.</td>
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<td>Gilbert Bruce Scherer</td>
<td>Rochester, N. Y.</td>
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</tr>
</tbody>
</table>
Michael William Spicer, Columbus
B.S.Bus. Adm.
Field of Specialization: Public Administration

Harry Asbury Spyker, III, Fairborn
B.S. in Ed. (Central State University)
Field of Specialization: Music

Keith Judd Stanger, Columbus
B.A. (State University of New York, Harpur College)
Field of Specialization: Psychology

Thomas Andrew Stanekosky, Bridgeport, Conn.
B.A. (Catholic University of America)
Field of Specialization: Romance Languages

Anna Maus Staudennaier, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

David Bruce Stokes, Newark
B.S.Bus. Adm.
Field of Specialization: Public Administration

Anne Dropkin Swedlow, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Education

James Reantree Temples, Vidalia, Ga.
A.B. (University of Georgia)
Field of Specialization: Political Science

Mary Alice Vandegrift, Verga, N. J.
A.B. (Rutgers-The State University)
Field of Specialization: German

Virginia Elizabeth Varga, Richmond Heights
B.A. (John Carroll University)
Field of Specialization: Sociology

Roger Craig Vogel, Cleveland
B.Mus.
Field of Specialization: Music

Karen S. Watts, Columbus
B.S.Ed.
Field of Specialization: Education

Brenda Harris Waxman, Columbus
B.S. (Florida State University)
Field of Specialization: Education

Deborah Steiner Weber, Wooster
B.A. (Denison University)
Field of Specialization: Anthropology

Thomas Charles Webster, Columbus
B.A. (Gracland College)
Field of Specialization: Economics

Sally Ann Whetzel, Cincinnati
B.S.Ed.
Field of Specialization: Education

Frances Ann Whitehead, Columbus
B.S.Ed.
Field of Specialization: Education

Charles Eugene Worth, Dayton
B.A.
Field of Specialization: Education

Joanne Mildred Wrasse, Bellville
A.B. (Findlay College)
Field of Specialization: Education

Carolyn Sue Wright, Columbus
B.S.Ed.
Field of Specialization: Education

Joan Joyce Wright, Columbus
B.S. (Florida Normal and Industrial Memorial College)
Field of Specialization: Education

Joyce Marie Yamch, Euclid
B.S. (Ohio University)
Field of Specialization: Economics

Kathleen Mitchell Yarbrough, Columbus
B.A.
Field of Specialization: Education

Karen Gernenz Youngman, Columbus
B.A. (Denison University)
Field of Specialization: Romance Languages

George Charles Zeller, Salem
B.A. (Wittenberg University)
Field of Specialization: Sociology

Master of Business Administration

Thirty-three candidates

Robert Clark Aron, Scio
B.Met.E.
Field of Specialization: Business Administration

Paul Allen Bedo, Bedford
B.S.Bus. Adm. (John Carroll University)
Field of Specialization: Business Administration

Anil Bhundari, Coral Gables, Fla.
B.S. (Agra University, India); B.Tech. (Institute of Technology, India); M.S.
Field of Specialization: Business Administration

Gregory Alan Cada, Lyndhurst
B.S. (Case Western Reserve University)
Field of Specialization: Business Administration

Stephan Wayne Conaway, Cardington
A.B. (Duke University)
Field of Specialization: Business Administration

John Ronald Corison, Mt. Ephraim, N. J.
B.S. (Drexel University)
Field of Specialization: Business Administration

James Louis Dorrance, Columbus
B.S.Ed.
Field of Specialization: Business Administration

Elwood Addison Ellis, III, Columbus
B.A. (College of Wooster)
Field of Specialization: Business Administration

Alan Douglas Fruehan, Lakewood
B.S.
Field of Specialization: Business Administration

James Edmund George, Columbus
B.S. (Wisconsin State University, Stevens Point)
Field of Specialization: Business Administration

Edward Leone Goff, Lucedale, Miss.
B.S. (Mississippi State University)
Field of Specialization: Business Administration

Charles Bernard Grebas, Groveport
B.S.Bus. Adm.
Field of Specialization: Business Administration

Roger Patrick Handley, Newark
A.B. (Indiana University)
Field of Specialization: Business Administration

Robert Michael Harbreeht, Worthington
B.A. (Duke University)
Field of Specialization: Business Administration

Harry Lee Harbert, Coldwater
B.S. (Ohio University)
Field of Specialization: Business Administration

Stephen Carl Hendrix, Falls Church, Va.
B.A. (Texas Christian University); M.S. (American University)
Field of Specialization: Business Administration
Richard Dale Higdon, Worthington
B.S., M.E. (Purdue University)
Field of Specialization: Business Administration

Charles Howard Knight, Pomeroy
B.B.A. (Ohio University)
Field of Specialization: Business Administration

Robert Lee Lauming, HI, Rocky River
B.S. (Purdue University)
Field of Specialization: Business Administration

John Thomas Lenman, Columbus
B.S. Ed.
Field of Specialization: Business Administration

John Andrew MacDonald, Shaker Heights
B.A. (Trinity College)
Field of Specialization: Business Administration

John Charles Nieman, Cincinnati
B.B.A., M.A. (University of Cincinnati)
Field of Specialization: Business Administration

David Charles Rader, McComb
R.S.E.
Field of Specialization: Business Administration

Alan Edward Rohrs, Hicksville
B.A.
Field of Specialization: Business Administration

William Keith Root, Columbus
B.A.
Field of Specialization: Business Administration

Frank John Schrann, Mission Hills, Calif.
B.A. (Whittier College)
Field of Specialization: Business Administration

Gary Lee Schulte, St. Mary's
B.S.E.
Field of Specialization: Business Administration

Samuel Silas Skidmore, Cincinnati
B.S. Bus. Adm.
Field of Specialization: Business Administration

David Ralph Stuecheli, Akron
B.A. (Michigan State University)
Field of Specialization: Business Administration

David Leonard Troyda, Columbus
B.S., M.B.A.
Field of Specialization: Business Administration

Nicholas Brown Wilson, Columbus
B.S. (United States Military Academy)
Field of Specialization: Business Administration

Harry Nelson Winslow, Columbus
B.A., M.B.A.
Field of Specialization: Business Administration

Master of City Planning

Four candidates

Thomas Michael Isaac, Youngstown
B.A. (Hartwick College)
Field of Specialization: City and Regional Planning

James Murray Jennings, Jr., Columbus
B.A. (Miami University)
Field of Specialization: City and Regional Planning

Howard Robert Maier, Cleveland
B.A.
Field of Specialization: City and Regional Planning

Harry Eugene Small, Columbus
B.S., M.A.
Field of Specialization: City and Regional Planning

Master of Music

Three candidates

Robert Michael Daugherty, Huron
B.A. (Denison University)
Field of Specialization: Music

Gay Ann Rahmel, Defiance
B.A. (Bluffton College)
Field of Specialization: Music

George Melvin Topping, Dayton
B.Mus.
Field of Specialization: Music

Master of Science

One hundred and sixty-five candidates

Peter Joseph Arcando, Wheaton, Md.
B.S., M.S. (University of Nebraska)
Field of Specialization: Allied Medicine

Syed Abuza Ahmad, Bihar, India
B.S., M.S. (Banaras University)
Field of Specialization: Electrical Engineering

Howard Thomas Albin, Columbus
B.S., M.S.
Field of Specialization: Zoology

Scott Robert Albin, Columbus
B.S.E.
Field of Specialization: Mechanical Engineering

Elsabeth Juliana Angnick, Columbus
B.S.
Field of Specialization: Medical Microbiology

Charles Edward Armbruster, Jr., Columbus
B.A. (Brandeis University)
Field of Specialization: Computer and Information Science

William Bradford Ashton, Windham Center, Conn.
B.S. (United States Air Force Academy)
Field of Specialization: Industrial Engineering

John Paul Bachlet, Fernie, B.C., Canada
B.A., M.A. (University of British Columbia)
Field of Specialization: Metallurgical Engineering

Carol Kowatch Baker, Columbus
B.S., M.S.
Field of Specialization: Nursing

Ronald Dale Barker, Burlington, Vt.
B.S. (University of Akron)
Field of Specialization: Mathematics

Patricia Susan Bartos, Columbus
B.S.
Field of Specialization: Statistics

Henry Chester Beavers, Bear Creek, N. C.
B.S. (Campbell College)
Field of Specialization: Animal Science

Robert Campbell Beckett, Lisburn, North Ireland
B.A. (Queen's University of Belfast)
Field of Specialization: Dairy Science

Jay Hogan Benedict, Columbus
B.S. (Youngstown State University)
Field of Specialization: Allied Medicine

Hanna Ingberg Bjurling-Sachs, Bergen, Sweden
B.S. (Umea University)
Field of Specialization: Computer and Information Science
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>School/Institution</th>
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<tbody>
<tr>
<td>Phillip Bruce Bohl, Wooster</td>
<td>B.S.M.E.</td>
<td>Field of Specialization: Mechanical Engineering</td>
</tr>
<tr>
<td>Raymond Edgar Bowers, Columbus</td>
<td>B.S.Ed.</td>
<td>Field of Specialization: Zoology</td>
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<tr>
<td>Thomas Gram Brosey, Columbus</td>
<td>B.S.Agr.</td>
<td>Field of Specialization: Agricultural Engineering</td>
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<td>Don Charles Buckloh, London</td>
<td>B.S. Agr.</td>
<td>Field of Specialization: Natural Resources</td>
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<td>James Henry Budde, Columbus</td>
<td>B.S. (Texas Agricultural and Mechanical University)</td>
<td>Field of Specialization: Agricultural Engineering</td>
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<td>Sister Maryann Burgoyne,</td>
<td>B.S. (Villanova University)</td>
<td>Field of Specialization: Nursing</td>
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<tr>
<td>Wayne Calvin Dilling, North</td>
<td>B.A. (Miami University)</td>
<td>Field of Specialization: Metallurgical Engineering</td>
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<td>Sister Monica Mary Casey,</td>
<td>B.S. Agr.</td>
<td>Field of Specialization: Electrical Engineering</td>
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<td>Jose Oscar Cavero-Robbiano,</td>
<td>B.S.Nurs. (Villanova University)</td>
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<td>Deanna Fern Hawkins Cedargren</td>
<td>B.S. Agr.</td>
<td>Field of Specialization: Agricultural Engineering</td>
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<td>Michael James Clifford, Columbus</td>
<td>B.S. (University of Texas)</td>
<td>Field of Specialization: Geology</td>
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<td>Susan Stickel Coady, Westville</td>
<td>B.S. in Ed. (Wittenberg University)</td>
<td>Field of Specialization: Horticulture</td>
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<tr>
<td>Joan Cummins, Columbus</td>
<td>R.S. Nurs.</td>
<td>Field of Specialization: Nursing</td>
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<tr>
<td>Phyllis Rene Crd, Houston, Tex.</td>
<td>B.S.Nurs. (Dillard University)</td>
<td>Field of Specialization: Nursing</td>
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<tr>
<td>Richard Russell Daniel, Bradford</td>
<td>R.Met.E.</td>
<td>Field of Specialization: Metallurgical Engineering</td>
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<tr>
<td>Joel Ziegler Dawson, Columbus</td>
<td>R.S. (Ohio University)</td>
<td>Field of Specialization: Preventive Medicine</td>
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<tr>
<td>Fernando Rodrigues deCarvalho</td>
<td>Rio de Janeiro, Brazil</td>
<td>Field of Specialization: Geodetic Science</td>
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<td>Wayne Calvin Dilling, North</td>
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<tr>
<td>Loretta Marie Di Vecchia,</td>
<td>B.A. (Carlow College)</td>
<td>Field of Specialization: Medical Microbiology</td>
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<td>William Paul Dornsife, Ashland,</td>
<td>B.S. (United States Naval Academy)</td>
<td>Field of Specialization: Nuclear Engineering</td>
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<td>John Joseph Duerke, Dayton</td>
<td>B.S. (Tufts University)</td>
<td>Field of Specialization: Mechanical Engineering</td>
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<td>Jay Allan Estabrook, Saratoga</td>
<td>R.S. (Tufts University)</td>
<td>Field of Specialization: Computer and Information Science</td>
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<td>John Milton Evans, New Carlisle</td>
<td>B.S. Agr.</td>
<td>Field of Specialization: Animal Science</td>
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<td>Edward Harold Fairchild, Medway</td>
<td>B.S. (Wright State University)</td>
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<td>David Lee Fawcett, Gambia</td>
<td>B.S. (Oklahoma State University)</td>
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<td>Philip Francis Federle,</td>
<td>B.S.</td>
<td>Field of Specialization: Pharmacy</td>
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<tr>
<td>Helen Marie Ference, Youngstown</td>
<td>B.S. (Youngstown State University)</td>
<td>Field of Specialization: Preventive Medicine</td>
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<tr>
<td>Carol Bracken Fidler, Cuyahoga</td>
<td>B.S. in A. and S. (Kent State University)</td>
<td>Field of Specialization: Preventive Medicine</td>
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<td>Albert Ray Fish, Caro, Mich.</td>
<td>B.S. (University of Michigan)</td>
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<td>Robert Vance Fouta, Dover</td>
<td>B.A. (Yale University)</td>
<td>Field of Specialization: Preventive Medicine</td>
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<td>Kenneth Howard Fuhr, Greenfield, Ind.</td>
<td>A.B. (Augustana College)</td>
<td>Field of Specialization: Preventive Medicine</td>
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<td>Mildred Battle Gardner,</td>
<td>B.S. (Heidelberg College)</td>
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<td>Rajendra Mohan Gupta, Agra,</td>
<td>B.S. (Mica University)</td>
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<tr>
<td>Carlisle</td>
<td>B.S. (Mica University)</td>
<td>Field of Specialization: Preventive Medicine</td>
</tr>
</tbody>
</table>
David Lee Guthrie, Columbus
B.S., Agr.
Field of Specialization: Civil Engineering

Donna Jo Harbold, Huntington, W. Va.
B.S. (University of Oklahoma)
Field of Specialization: Computer and Information Science

Joseph Burr Harvey, West Mansfield
B.S.Ed.
Field of Specialization: Botany

James Michael Heilman, New Carlisle
R.S., Agr.
Field of Specialization: Natural Resources

Mary Jane Heintz, Columbus
B.S. (Capital University)
Field of Specialization: Nursing

Tommy Burnett Henderson, Texarkana, Tex.
R.A. (University of Texas)
Field of Specialization: Computer and Information Science

Louis Stephen Henefeld,
Miamisburg, Ohio
B.S. (University of Notre Dame)
Field of Specialization: Computer and Information Science

Pamela Ames Hershberger, Columbus
B.S., Nurs.
Field of Specialization: Nursing

Gary Ernest Hoam, Mt. Gilead
R.C.H.E.
Field of Specialization: Chemical Engineering

Doris Stanley Holman, Columbus, Ga.
B.S. (Albany State College, Georgia)
Field of Specialization: Nursing

Daniel Brewster Holmes, Dayton
B.A. (Colorado College); M.B.A. (University of Michigan)
Field of Specialization: Computer and Information Science

Doris Emily Holmok, Cleveland
B.S., Nurs. (Case Western Reserve University)
Field of Specialization: Nursing

James Daniel Hone, Jr., Columbus
R.S., Food Tech.
Field of Specialization: Animal Science

Susan Burkart Hornung,
Beachwood, N. J.
B.S. (Saint Lawrence University)
Field of Specialization: Entomology

Mei-lin Marina Hsich, Taipai, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Entomology

Chung Der Huang,
Kaochung, Taiwan
B.S. (Taiwan Province Chung Hsing University)
Field of Specialization: Entomology

Don Allen Irons, Jr., Columbus
R.S. in E.E. (University of Florida)
Field of Specialization: Electrical Engineering

Karen Kanke James, Reynoldsburg
R.S., Med.Tech.
Field of Specialization: Pathology

Chander Shekhar Joshi, Punjab, India
R.S., M.S. (Agra University)
Field of Specialization: Geodetic Science

Susan Sawyer Kamps, Columbus
B.S.
Field of Specialization: Zoology

Robert Edward Karnak, Cleveland
B.S. (Cleveland State University)
Field of Specialization: Entomology

Cynthia Jean Kuyer, Pomona, Calif.
R.S., Nurs. (University of California, Los Angeles)
Field of Specialization: Nursing

Camille Marie Kelly, Columbus
B.S. (University of Alberta)
Field of Specialization: Physiological Chemistry

Richard Allen Kershaw, Euclid
B.S.
Field of Specialization: Chemistry

Wai Lee Ko, Dayton
R.S., E.E.
Field of Specialization: Electrical Engineering

Jerry Dale Koch, Garfield Heights
B.S. (Case Western Reserve University)
Field of Specialization: Mathematics

Kap Hai Koo, Chungkuk, Korea
R., Animal Husbandry, M.S. (Kon Kuk University)
Field of Specialization: Dairy Technology

Alan Edward Krararz, Seven Hills
B.A. (Hiram College)
Field of Specialization: Computer and Information Science

Benny C Kwong, Columbus
B.S. (Mapua Institute of Technology, Philippines)
Field of Specialization: Chemical Engineering

*Steven Karl Leavitt, Troy
Field of Specialization: Civil Engineering

Ruil Wing Lee, Columbus
R.S., E.E.
Field of Specialization: Electrical Engineering

Thomas Leroy Lehman, West Liberty
R.S., Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Michael Francis Lempanski, Cleveland
B.S. (University of Dayton)
Field of Specialization: Chemistry

*William H. Lewis, III,
Newburgh, N. Y.
Field of Specialization: Civil Engineering

Wen-Len Li, Taipei, Taiwan
R.S., E.E. (Taiwan Chang King University)
Field of Specialization: Civil Engineering

Leonard Marvin Luchsinger, Hamilton
B.S. (University of Pittsburgh)
Field of Specialization: Allied Medicine

Rogelio de Leon Luis,
Quezon City, Philippines
B.S. (United States Military Academy); B.S. (Polytechnic College, Philippines)
Field of Specialization: Civil Engineering

B.S. (Case Western Reserve University)
Field of Specialization: Electrical Engineering

Linda Jean Lutz, Cincinnati
R.S., (University of Cincinnati)
Field of Specialization: Nursing

William Henry Lutz, Nankin
R.S., E.C.
Field of Specialization: Civil Engineering

Wilma Jean Vargo Lutz, Columbus
R.S., Nurs.
Field of Specialization: Nursing

David Ray Lynd, Ironton
R.S., E.C.
Field of Specialization: Civil Engineering

*Also Bachelor of Civil Engineering, College of Engineering

277
James Lewis Mace, Bonners Ferry, Id.
B.S.A.A.E.
*Field of Specialization: Aeronautical and Astronautical Engineering*

Ashok Chunilal Masand, Lyndhurst
B.S. (Punjab Engineering College, India)
Field of Specialization: Mechanical Engineering

Anna Marie Mascio, Garfield Heights
B.S. (Saint John College of Cleveland)
Field of Specialization: Nursing

Dennis Lee McGarry, Lewisville
B.S.E.E.
Field of Specialization: Metallurgical Engineering

Denise Patricia McIntyre, St. Paul, Minn.
B.G.S. (University of Nebraska)
Field of Specialization: Allied Medicine

Muriel Mitchell, Baltimore, Md.
B.A. (Wittenberg University)
Field of Specialization: Medical Microbiology

Darryl Edward Moravek, Pickerington
B.S.E.E.
Field of Specialization: Electrical Engineering

James William Morgan, Columbus
B.S.A.A.E.
*Field of Specialization: Aeronautical and Astronautical Engineering*

Charles Raymond Morin, Columbus
B.S.E.E.
Field of Specialization: Metallurgical Engineering

Alice Walters Noll, Postoria
B.S.Nurs.
Field of Specialization: Nursing

B.S. (Pennsylvania State University)
Field of Specialization: Geodetic Science

Iris Clark O'Connor, Zanesville
B.S. (North Carolina State University at Raleigh)
Field of Specialization: Computer and Information Science

Martin Robert Oros, Sylvania
B.S.Food Tech.
Field of Specialization: Chemical Engineering

Richard Vincent Olson, Parma
B.S. (University of Dayton)
Field of Specialization: Computer and Information Science

Hector Eduardo Ortheguy, Buenos Aires, Argentina
Licenciade (Universidad Nacional de Cayo)
Field of Specialization: Physics

Ronald Lee Overmyer, Oak Harbor
B.S.Agr
Field of Specialization: Agricultural Education

Susan Dale Parsons, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Pathology

Ian Leonard Pepper, Birmingham, England
B.Sc. (University of Birmingham)
Field of Specialization: Agronomy

Terry Irvin Phillips, Dayton
B.B.A., B.S.E.E. (Kansas State University)
Field of Specialization: Electrical Engineering

Donald Bryant Pies, Dallas, Tex.
B.S.M.E. (Texas Technological College)
Field of Specialization: Mechanical Engineering

Ananda Kumar Pratuli, Vijayawada, India
B.Tech., M.Tech. (Andhra University)
Field of Specialization: Chemical Engineering

William Quan, San Francisco, Calif.
R.S. (University of California at Berkeley)
Field of Specialization: Chemistry

Ronald Boyd Ransum, Ashland
B.Ch.E.
Field of Specialization: Chemical Engineering

Gregory Jeff Remy, Portsmouth
B.S.
Field of Specialization: Computer and Information Science

Elizabeth Auldridge Rolston, Columbus
A.B. (West Virginia University)
Field of Specialization: Home Economics

Ruth Juanita Ross, Mound Bayou, Miss.
B.S.Nurs. (Tuskegee Institute)
Field of Specialization: Nursing

Lawrence Day Rowe, West Union
D.V.M.
Field of Specialization: Veterinary Physiology and Pharmacology

Thomas Joseph Rusnak, Parma
B.Ch.E.
Field of Specialization: Chemical Engineering

Robert Allen Saftiner, Glenshaw, Pa.
B.A. (Slippery Rock State College)
Field of Specialization: Botany

Sister Mary Dolores Sax, Antigonish, N.S., Canada
B.S. (Saint Francis Xavier University)
Field of Specialization: Home Economics

"Dennis James Schumaker, Port Clinton
Field of Specialization: Nuclear Engineering

Madeleine Lee Brummer Shay, Lynbrook, N. Y.
B.A. (Case Western Reserve University)
Field of Specialization: Medical Microbiology

Gerald Brian Shearer, Lake Grove, Ore.
B.S. (Portland State College)
Field of Specialization: Geology

Marc Hillary Silverman, Columbus
B.S.C.I.S.
Field of Specialization: Computer and Information Science

Charles George Simon, Dayton
B.S. (Portland State University)
Field of Specialization: Physics

Elaine Cecilia Siwic, Brooklyn, N. Y.
B.A. (Saint Joseph's College for Women)
Field of Specialization: Physics

James Charles Skeeles, Sullivan
B.S.Agr.
*Field of Specialization: Agricultural Education*

Ernest Charles Smith, Sherrodsville
B.S.Agr
Field of Specialization: Agricultural Education

Joan Ericson Smoot, Delaware
B.A. (Ohio Wesleyan University)
Field of Specialization: Mathematics

* Also Bachelor of Mechanical Engineering, College of Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>Institution</th>
<th>Degree</th>
<th>Year of Graduation</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew Chanho Sonu, Seoul, Korea</td>
<td>Field of Specialization: Electrical Engineering</td>
<td>B.S. (University of California at Berkeley)</td>
<td>B.S. (University of California at Berkeley)</td>
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<tr>
<td>Richard Lynn Spar, Lima</td>
<td>Field of Specialization: Computer and Information Science</td>
<td>B.S.Ed. (Kent State University)</td>
<td>B.S.Ed. (Kent State University)</td>
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<tr>
<td>Rebecca Sue Staley, Lima</td>
<td>Field of Specialization: Agriculture Economics and Rural Sociology</td>
<td>B.A. (Saint Mary's College, Indiana)</td>
<td>B.A. (Saint Mary's College, Indiana)</td>
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<tr>
<td>William Staner, Jr., Caledonia</td>
<td>Field of Specialization: Microbiology</td>
<td>B.S. (Otterbein College)</td>
<td>B.S. (Otterbein College)</td>
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<tr>
<td>Donald Ray Stickle, Canton</td>
<td>Field of Specialization: Metallurgical Engineering</td>
<td>B.S. (Capital University)</td>
<td>B.S. (Capital University)</td>
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<tr>
<td>Thomas Carroll Stallwell, Piqua</td>
<td>Field of Specialization: Agrochemistry</td>
<td>B.S. (Kent State University)</td>
<td>B.S. (Kent State University)</td>
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<tr>
<td>Charles Ellsworth Stock, Columbus</td>
<td>Field of Specialization: Agricultural Economics and Rural Sociology</td>
<td>B.S. (Florida Agricultural and Mechanical University)</td>
<td>B.S. (Florida Agricultural and Mechanical University)</td>
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<tr>
<td>Robert Peter Stone, Cleveland</td>
<td>Field of Specialization: Preventive Medicine</td>
<td>B.S. (Purdue University)</td>
<td>B.S. (Purdue University)</td>
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<tr>
<td>Susan Evelyn Stuart, Canton</td>
<td>Field of Specialization: Nursing</td>
<td>B.S.Nurs. (Capital University)</td>
<td>B.S.Nurs. (Capital University)</td>
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<tr>
<td>Richard V. Telloni, Lorain</td>
<td>Field of Specialization: Poultry Science</td>
<td>B.A. (State University of New York at Buffalo)</td>
<td>B.A. (State University of New York at Buffalo)</td>
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<tr>
<td>Cha-Long To, Hong Kong</td>
<td>Field of Specialization: Computer and Information Science</td>
<td>B.S. (Chung Chi College)</td>
<td>B.S. (Chung Chi College)</td>
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<tr>
<td>Emmanuel Tsimis, Thessaloniki, Greece</td>
<td>Field of Specialization: Computer and Information Science</td>
<td>Diploma (University of Thessaloniki)</td>
<td>Diploma (University of Thessaloniki)</td>
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<tr>
<td>David Alan Waggner, Youngstown</td>
<td>Field of Specialization: Geodetic Science</td>
<td>B.S. (Mount Union College)</td>
<td>B.S. (Mount Union College)</td>
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<tr>
<td>Carl Edward Warner, Ashland</td>
<td>Field of Specialization: Biochemistry</td>
<td>B.S. (The University of Ashland)</td>
<td>B.S. (The University of Ashland)</td>
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<tr>
<td>John Louis Weinheimer, Columbus</td>
<td>Field of Specialization: Agricultural Economics and Rural Sociology</td>
<td>B.S. (Capital University of South Carolina)</td>
<td>B.S. (Capital University of South Carolina)</td>
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<tr>
<td>Sister Mary Louisita Welsh, Columbus</td>
<td></td>
<td>B.S. (Saint Mary's College, Indiana)</td>
<td>B.S. (Saint Mary's College, Indiana)</td>
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<tr>
<td>Carol Sue Wharton, Parkersburg, W. Va.</td>
<td></td>
<td>B.A. (Marshall University)</td>
<td>B.A. (Marshall University)</td>
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<tr>
<td>Laureen Brothers Wilderman, Columbus</td>
<td></td>
<td>B.S.N.E. (University of Pittsburgh)</td>
<td>B.S.N.E. (University of Pittsburgh)</td>
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<tr>
<td>Susan Jane Will, Columbus</td>
<td></td>
<td>B.S.Nurs. (Capital University)</td>
<td>B.S.Nurs. (Capital University)</td>
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<tr>
<td>Alorna Ruth Williams, New York, N. Y.</td>
<td></td>
<td>B.S. (Florida Agricultural and Mechanical University)</td>
<td>B.S. (Florida Agricultural and Mechanical University)</td>
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<tr>
<td>Alona Faye Winbush, Baton Rouge, La.</td>
<td></td>
<td>B.S. (Southern University and Agricultural and Mechanical College)</td>
<td>B.S. (Southern University and Agricultural and Mechanical College)</td>
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<tr>
<td>Fredric Barry Wines, Kenmore, N. Y.</td>
<td></td>
<td>B.S. (State University of New York at Buffalo)</td>
<td>B.S. (State University of New York at Buffalo)</td>
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<tr>
<td>Richard Richard Wood, Columbus</td>
<td></td>
<td>B.S. (Drexel University)</td>
<td>B.S. (Drexel University)</td>
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<tr>
<td>Cathy Jean Wright, Holliston, Mass.</td>
<td></td>
<td>B.S.Ed. (University of Maine)</td>
<td>B.S.Ed. (University of Maine)</td>
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<tr>
<td>James Yang Shao Yeh, Taipei, Taiwan</td>
<td></td>
<td>B.S. (Chong Kung University)</td>
<td>B.S. (Chong Kung University)</td>
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<tr>
<td>Akihito Yoshida, Tokyo, Japan</td>
<td></td>
<td>B.S. (Waseda University)</td>
<td>B.S. (Waseda University)</td>
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</tbody>
</table>

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

**College of The Arts**
Dean: Lee Riggsby

**College of Biological Sciences**
Dean: Richard Bohning

**College of Humanities**
Dean: Arthur E. Adams

**College of Mathematics and Physical Sciences**
Dean: Colin B. Bull

**College of Social and Behavioral Sciences**
Dean: Franklin P. Kilpatrick

---

**College of the Arts**
Dean: Lee Riggsby

**Bachelor of Arts**
Seven candidates
- Patricia Jo Feise, Seven Hills
- Patricia Sue Heideman, Cincinnati
- Ann Louise Hoeland, Dayton
- Peggy Marlene Pyles, Cedarville
- Randolph William Reed, Columbus
- John Christopher Ross, Columbus
- Judith Margaret Ross, Worthington

**Bachelor of Fine Arts**
Twenty-three candidates
- Bronwyn Ann Allison, Cuyahoga Falls
- Elaine Kay Biagi, Schenectady, N. Y.
- Barbara Ann Bromley, Columbus
- Robin Lee Chestnut, Columbus
- Laurenly Ehrman, Akron
- William Frank Hoedeber, Westerville
- Katherine Louise Kientz, Columbus
- Leslie Allen Lamley, Columbus
- Mark Harry Melnik, Woodville
- Dominique Dinouaut Mintz, Columbus
- Erin Kathleen Moloney, Columbus
- Mare James Montell, Columbus
- Georgianna Mary Newton, Syracuse, N. Y.
- Barbara Jo O'Banion, Kettering
- Robert John Oktabelz, Cleveland
- Jack Lee Pever, Miami, Fla.
- Robert W. Sales, Canton
- Kathleen Jo Sutterfield, West Union
- Suzan Katherine Scianamblo, Kettering
- Nancy Mae Sullivan, Columbus
- Axel Gerd-Rainer Von Kaenel, Marion
- Christine Lynn Woodten, Rocky River

**Bachelor of Music**
Four candidates
- Sharon Combs Davis, Columbus
- Gary Lee Ely, Columbus
- Karen Jean Kartsimas, Columbus
- Patricia Ann Kelley, St. Petersburg, Fla.

**Bachelor of Art Education and Bachelor of Music Education**
degree are offered jointly by the College of The Arts and the College of Education
Candidates are listed on page 31

**Bachelor of Science in Industrial Design**
Two candidates
- Paul Franklin Brown, Chillicothe
- Howard John Skabovius, Parma

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**College of Biological Sciences**
Dean: Richard Bohning

**Bachelor of Science**
Thirty-six candidates
- Michael Blaine Allison, Toledo
- James Scott Baughman, Hamilton
- Steven James Bolland, Cincinnati
- Timothy Allen Bowling, Hamilton
- Katrina Marie Brooks, Columbus
- Roderick Bruce Campbell, Columbus
- Charles Vito Caponigro, Cleveland
- Frank Ramon Carroll, Columbus
- bons: Leslie Davids, Columbus
- Ronald Charles Detmer, Xenia
- Carol Jean Folz, Galion
- Paul Michael Girotti, Cleveland
- Gary Glenn Grunau, Canton
- Richard Edward Hand, Columbus
- Timothy George Helentjaris, Medway
- Gerald Bruce Jones, Westerville
- Steven Donald Jones, Columbus
- Janet Rush Lang, Columbus
- Nancy Carol Lohrey, Cleveland
- Thomas Richard MacGregor, Sandusky
- Dennis Owen McIntyre, Elyria
- Benedict Joseph Messana, Columbus
- William Elliott Meyers, Columbus
- Raphael Ellis Neighbarger, Mt. Vernon
- Michael Anthony Pentella, Canton
- Evrene Matyas Belle, Columbus
- Richard Lewis Ripatti, Jr., Canton
- David Lee Sands, Newark
- John Michael Secliz, Columbus
- James Lee Shellhaas, Columbus
- Larry Eugene Sluss, North Canton
- George August Smidley, III, Cincinnati
- Beatrice Ann Weaver, Columbus
- Brian Craig Williamson, Proctorville
- Susan Kay Woodruff, Akron
- Arthur Andrew Wulfhoop, Putnam Valley, N. Y.

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**College of Humanities**
Dean: Arthur E. Adams

**Bachelor of Arts**
Sixty-five candidates
- Lewis Jay Agin, Columbus
- Mary Alice Bailey, Toledo
- Stuart Thomas Barasch, Whitestone, N. Y.
- Frances Kathryn Baskin, Columbus
- Lawrence William Betz, Columbus
- Kenneth Aubrey Borokhovich, Bethel
- Claudia Yvonne Boeve, Columbus
- Michael Jefferson Bryan, Portsmouth
- Janet Diane Bulkley, Worthington
- Janet Marie Bussett, Lithopolis
- Gregory Neil Butler, Mansfield
- John Paul Caserta, Burlington, Mass.
- Boris Charlanow, Waverly, N. Y.
- Florence Louise Conly, Carrollton
- Teresa Ann Costen, Columbus

* Also Bachelor of Art Education
** Also Bachelor of Music Education
David William Corbally, Columbus
Stephen Edward Cross, Portsmouth
James Melton Cutter, Columbus
Stephen Francis Dattalo, Columbus
Larry Keith Delaney, Xenia
Dennis Jay Deppen, Findlay
James Robert Downard, Wellston
Bonnie Jean Freda, Columbus
Gregg Elliott Friedberg, Columbus
Diana Neal Galbreath, Columbus
John Joseph Goesl, Columbus
Douglas Jack Haubert, Alliance
Albert Maurice Hiser, Fostoria
Steven Lee Holtzcluwe, Columbus
Robert William Johnson, II, Columbus
Susan Belinda Keeney, Granville
Jean Gracia Kotker, Worthington
William Terry Kraeger, Mayfield Heights
Michael Anthony Landiansee, Cincinnati
Linda Jean Laro, Chagrin Falls
Marta Wendy Lazar, Glenwood, Ill.
Joyce Weinstein Levin, Columbus
Barbara Pracht MacArthur, Defiance
Joanne Mase, Columbus
Ronda Frances Matlow, Cleveland
Edward Austin McSweeney, Columbus
Carey Sanford Miller, University Heights
Frances Jane Movitz, Grand Rapids, Mich.
Susan Melissa Murray, Columbus
Daisy Lou Ouellette, Orange, Conn.
Patti Louise Overholt, Columbus
Ward Barton Parley, Jr., Columbus
Beth Pedlack, Rosslyn Heights, N. Y.
John Gregory Precht, Wauseon
Jeannie Marie Rhode, Columbus
David L. Riew, Cohocton
Clayton Stuart Russell, Jr., Tiffin
Steven Harvey Seidman, Cleveland
Mary Allen Spurgeon, Defiance
Robert Allen Stein, Jr., Columbus
Nancy Ann Stemmer, Cincinnati
Lauren Corisla Stevens, Cincinnati
Jon Anthony Streaty, Columbus
John Kevin Sullivan, Springfield
David Lee Swickard, Newark
Stephen Ellsworth Toeters, Groveport
Stephen Edward Vlahovich, Oueks, N. D.

\*Charles Herbert Waterman, Dayton
Stephanie Rose Way, Pittsburgh, Pa.
Donald Glen Worly, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Three candidates

Timothy Robert Andeen, Springfield
Jerry Noel Doegen, Columbus
Patricia Gabriel Saitsbury, Columbus

Bachelor of Science

Twenty-nine candidates

Ronald Terry Albright, Columbus
Mark Dennis Borrelli, Cleveland
Gerald Glen Bozard, Conneaut
Thomas Leeper Burgett, Columbus
Dinh Can, Saigon, Vietnam
William Preston Cransie, Columbus
John Samuel Croft, Columbus
David Ray Erickson, Columbus
Jeffrey Hunter Franklin, Columbus
Richard Milton Grossman, Youngstown
Gregory Blair Howard, Columbus
Leslie Gay Jamison, Worthington
Byron Ronald Johnson, Westerville
Dennis David Knowles, Columbus
John Alexander Konderson, Parma
Kenneth Paul Mathews, Newark
Arthur Anthony Mendicino, Parma
Daniel Arland Meyer, Jr., Akron
Michael Jay Morell, Dix Hills, N. Y.
John Bennett Nelson, Willard
Ronald Andrew Patash, Poland
Christine Anne Ten, Columbus
Mario Solti, San Antonio, Tex.
Robert Michael Stark, Columbus
Joseph Francis Strangos, III, Columbus
Henry Hermanus Van Es, San Francisco, Calif.
Michael Thomas Waugh, Columbus
Vaughn Paul Wendland, Huron
Anthony Wendell Zegers, Cincinnati

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

One hundred and forty-three candidates

Donald Joseph Abate, Richmond Heights

Colleen Hathaway Ackerman, Columbus
Richard Earl Adams, Columbus
Ann Elaine Allen, Minerva
Charles Thomas Barker, Mansfield
Helen Lee Mecklenburg Barkhurst, Hartford City, Ind.
Michael William Baumann, Columbus
Roger Allen Bloom, Oak Harbor
Camilla Bowens, Columbus
Susan Hade Brancham, Columbus
David Lowell Brown, Troy
Kathlyn Joy McClain Brown, Columbus
Sharon Beth Brown, Marysville
Marjorie Merle Burnett, Covina, Calif.
Donald Anthony Burns, Columbus
Dennis Quint Cahn, Shaker Heights
Linda Suzanne Cheugh, Columbus
Robert Jeff Christianson, Columbus
David Gehring Christian, Hamilton
Stephen Painter Close, Columbus
John Charles Cocrane, Columbus
Harvey Lynn Cohen, University Heights
Lynda Robbins Cohen, Englewood
Marilyn Jeanne Cohodas, Youngstown
Deborah Sue Conrad, Marysville
Steven Elliot Coon, Shaker Heights
Suzan Kathleen Cooper, Lima
Daniel Byron Courtenay, Fairborn
Neil Gordon Crawford, Columbus
Rex Richard Crosby, Columbus
Phillip John Cyron, Warren
Kathryn Ann Faley, Cincinnati
Adam Michael Dalmy, Columbus
Lonnny Charles Danchik, Cleveland Heights
Kathryn Youel Davis, Columbus
Cynthia Sue de Vries, Columbus
Leon Edward Dobkowski, Westville, N. J.
John Brian Donahue, Columbus
Harry Dreier, Plainfield, N. J.
Douglas Reed Elliott, Jr., Columbus
Thomas Wantz Elliott, Cleveland Heights
Charles Richard Fischman, West Orange, N. J.
David Michael Flowers, Galion
Ron Eddie Hoy, Columbus
Jerome Edward Friedman, Cleveland
Douglas Swanson Fuller, Columbus
Patricia Sue Furney, Columbus
James Adrian Gaskill, Columbus
Jean Congress, Trenton, N. J.
Douglas Charles Gentile, Columbus

* Also Bachelor of Science in Education, College of Education
Eric Gregg Gibbs, Jr., Columbus
Brenda Lou Gibson, Pataskala
Michael Alan Goodisman, Toledo
Lauren Gae Greenberg, Shaker Heights
Edwin Leigh Griffin, Portsmouth
John Freeland Gump, Newcomerstown
Dennis Patrick Hackett, Cincinnati
Mary Suzanne Haley, Columbus
Debra Lynn Haller, Columbus
John Harvey Hamilton, Worthington
Thomas Arthur Hanson, Alliance
Susan Elaine Hendrickson, Columbus
Juanita May Henschen, Jackson Center
Michael Joseph Hessey, Columbus
Sherry Ann Hitson, Newport Richey, Fla.
Scott Charles Hover, Parma
Jack Jacobs, University Heights
William Douglas Kalfa, Waverly
Gary Wayne Kay, Berea
Henry William Kishman, Vermilion
Norman Dean Kohl, Jr., Charlotte, N. C.
Mark Wallace Lappen, Columbus
William Joseph Lavin, Middletown, R. I.
Barry David Levy, Cincinnati
Suzanne Lindsey, Dennis
Shelby Leigh Link, Grove City
Andrew Donald Logan, Kinsman
Bruce Constantine Lowrie, Columbus
Terry James Lukuch, Columbus
Robert Makay, Columbus
Wayne Robert Malaney, Cincinnati
John Wallace Manning, Jr., Lakewood
Joyce Ann Maurer, Columbus
Mary Alisp McCall, Tiffin
Noel Valentine McCam, Barberton
Richard Rex McDermitt, Galax
Janet Margolis McNeill, Lorain
Cynthia Ann McPhail, Cincinnati
Rod Preston Michel, Bellefontaine
Mark Orlo Miller, Delphos
Karen Sue Mounds, Columbus
Linda Pearl Nauman, Delaware
Stephan Edward Newhouse, Columbus
Edward Lee Nieberding, Dayton
Carol Michaels Nunnally, Columbus
Eric Leo Nurm, Euclid
Nancy Ellen Ours, South Charleston, W. Va.
Deborah Charles Paine, Washington, D. C.
Fred Anthony Pappas, Columbus
Cynthia Jeanne Patterson, Kirtland Hills
Tracey Lee Perceival, Kettering

Ronald Frederick Pollack, South Euclid
William James Powers, Columbus
Janine Elouise Rapp, Columbus
James Richard Rechhorn, Pataskala
Robert Dale Reid, Youngstown
Dallas Curtis Ridge, Girard
Shelley Ann Robinson, Beachwood
Irl David Rubin, Cleveland
James Thomas Ryan, Auburn, N. Y.
Albert Richard Seirappa, Cincinnati
William David Seeder, Merrick, N. Y.
John Theodore Shear, Bay Village
Mark Joseph Shelton, Boardman
Anne Deborah Simon, Little Neck, N. Y.
Frank Soellner, Wauseon
Patrick Rae Story, Pomeroy
Robert William Sullivan, Youngstown
Dale Joseph Sungy, Columbus
Pamela Melissa Telft, Columbus
James Allen Thippen, Columbus
Kent Angel Trifon, Kettering
Deanna Louise Troxley, Toledo
Randall Lee Turner, Hamilton
Beth Lee Utirica, Medina
Mary Nans VanMeter, Granville
Patrick Timothy Vaughan, Columbus
Damian Joseph Vercillo, Ashland
Carole Ann Wagon, Akron
William Oden Watson, Columbus
Gloria Jane Webster, Medina
Curt Frederick Weimer, Loudonville
Susan Rita Wexner, Columbus
Reymand David White, Gallipolis
Beverly Geraldine Wilhelm, Pittsburgh, Pa.
Frank Dixon Williams, Perrysburg
David Hilton Wilson, III, Perrysburg
Stephen Alan Wynn, Mansfield
Peggy Kershaw-Stender, York, N. Y.
New Albany
James Michael Young, Middletown
Ronald Henry Zdrojewski, Brook Park
Jeffrey Alan Ziegler, Toledo

Bachelors of Science
Twenty-five candidates
Jeannine Niswander Ashton, Columbus
Alan David Bernstein, Shaker Heights
Jennifer Cox Brook, Havre-de-Grace, Md.
Keith Edward Byers, Akron
Donald Leroy Geisman, Jr., Van Wert
Ronald Alan Greenfield, McKeesport, Pa.

School of Journalism
Bachelor of Arts in Journalism
Nineteen candidates
Ronna Frances Averback, Erie, Pa.
Robert James Bossart, Columbus
John Walker Bridenbaugh, Defiance
Dennis Michael Collins, Newark
Carol Lane Czap, Columbus
James Robert Fette, San Antonio, Tex.
Christine Padovani Graves, Columbus
Roger Lott Hughes, Jr., Clearfield, Pa.
Seth Edward Jones, Columbus
Allison Dona Kaplin, Middleburg Heights
Karen Louise Lamoreux, Lakewood
Thomas Frederick Lindeman, Perrysburg
Jonathan Post Magro, Montgomery
Charles Brindley Rogers, Columbus
Stephen Andrew Snapp, Columbus
John Robert Stewart, Columbus
Danny Charles Stillner, Columbus
Barbara Marianne Tapocci, Maple Heights
College of Administrative Science
Dean: James R. McCoy

Bachelor of Science in Business Administration

One hundred and sixty-seven candidates

Robert Joseph Andrews, Jr., Bellevue
Daniel John Archer, Massury
Michael John Arena, Jr., Columbus
Wayne Francis Assmus, Massillon
James Wade Atkins, Marion, N. C.
Terry Earl Baltis, New Weston
Roy MacBride Barber, Jr., Columbus
Howard Kent Berliner, Columbus
Blair Myron Bickel, Massillon
Philip Earl Bierdeman, Canfield
Nathanial Preston Bilbeck, Columbus
William Edward Boggis, Newbury
Gregory Victor Brook, Rochester, N. Y.
Conrad John Bubis, Jr., Columbus
Robert Lewis Buckover, Cleveland
John Edward Burr, Newton Falls
Herbert Henry Buton, Columbus
William Allen Cady, Blacklick
Robert McKenzie Carlisle, Pittsburgh, Pa.
Edward Carl Carpenter, Jr., Newark
Daniel Casparro, Worthington
Gail William Catt, Clinton
Ronald Leslie Chilton, Decatur, Tex.
John Frederick Chynoweth, Newark
Gary Michael Ciprian, Euclid
Larry James Cooke, New London
Herold Paine Cummins, H. Columbus
A. B. (Ohio University)
Spencer Wilson Cunningham, Jr., Portsmouth
Lawrence Clair Catlip, Columbus
Charles Comant Duker, Jr., Uhrichsville
Carlton Spencer Darguech, III, Columbus
Thomas Frank Desenzo, Columbus
Alfred Ray Davis, Mt. Vernon
John Herbert Davis, Westerville
John Bruce DeMouy, Kinston, Md.
Vincent Russell DeSolve, Cincinnati
Anthony Eugene DiBlasi, Westerville
Edward Trent Dill, Mansfield
John Thomas Dill, Jamestown
David Lee Dipple, Bellefontaine
Michael Gene Duglais, Cridersville
Eric Curtis Edington, Troy
Daniel Earl Eberding, Port William
Jeffrey Paul Eisenman, Columbus
John Thomas Esterhold, Rochester, N. Y.

Robert Raymond Fenstermaker, Jr., Columbus
Geta Louis Ference, University Heights
Michael Paul Fisher, Tiffany
James Norman Fielderjohn, Columbus
Paul Joseph Ford, Jr., Columbus
James Tacket Foreman, Columbus
James Kenneth Fortman, Ottawa
David Bart Foster, Westlake
Charles Jefferson Fritts, Cincinnati
Robin Lee Fry, Springfield
Larry James Gifford, Newark
David Jerome Golby, Euclid
Dennis Lynn Golko, Lyndhurst
Mark Alan Greene, Fairborn
Edward Groth, Columbus
Joseph Patrick Harrison, Columbus
Joseph Henry Harvey, Ironton
William George Harvey, Fort Loramie
Charles Allan Hawes, Maumee
John Joseph Hegler, Euclid
William Boyd Heinrich, Chardon
Steven Lee Hicks, Dayton
Bruce Lynn Hill, Columbus
Danny Benjamin Hilton, Columbus
Craig R. Hoffheimer, Cincinnati
Robert Louis Holt, Ironton
Joe Horewski, Jr., Cleveland
Leslie Michael Howard, Worthington
Michael Anthony Hoye, Columbus
Daniel Raymond Hurley, Heath
Gary Michael Idzkowski, Toledo
Maria Jendro, Kingston
Gregory Bradford Johnson, Columbus
Richard Lynn Jones, Pioneer
Frederick Anthony Karam, Utica, N. Y.
Sheryl Lynn Katz, Youngstown
David Michael Kimball, Columbus
Ronald Thomas Kimbley, Decatur, Ga.
Stephen Michael King, Columbus
Ronald Irving Kleng, Montgomery, Ala.
Robert Ott Knowles, Toledo
Irene Marie Lakatos, Uniontown
Robert Francis Lepley, Bellevue
Kenneth Jay Light, Shaker Heights
Jeffrey Jamieson Lloyd, Cleveland
Steven Craig Majery, Worthington
Carolea Park, Calif.
Robert Lee Markay, Shelby
Douglas Lowell Mader, Mansfield
Wade Ely Malm, Jr., Willoughby
Ronald Clevis Mann, Marion
Robert Matthews, Columbus
William Charles McBride, Mansfield
Karen Sue McCann, Columbus
Dennis Lee McCloskey, Columbus
Duaine Brent McNelly, Columbus
Larry Allen Meade, Piketon
Richard Carl Meece, Columbus
John Thomas Meeks, Columbus
Edward Wayne Melton, Norton
Gary Vernon Messaros, Columbus
Richard Jennnings Miller, Gallipolis
Victor Charles Miller, Cleveland
John Eugene Mollenkopf, Crestline
Dennis Paul Money, Lima
John Clifford Moorehead, Cincinnati
James Patrick Moriarty, Columbus
Joel Michael Murphy, Clinton, Ia.
Alfred Eugene Navarro, Youngstown
William Earl Noggle, South Lebanon
Kevin Reid Noceros, Berea
Robert Woodrow North, Columbus
Richard Kent Nutter, Lancaster
Frank B. O'Brien, Columbus
Chris Dunlap O'Donnell, Lima
David Uri Paul, Zanesville
James Peter Perman, Cleveland
Charles Stuart Peselack, Columbus
Frederick Alan Peters, Kettering
Jeffrey Paul Pickrell, Heath
Richard Paul Pimsner, Westlake
Thomas Walter Plank, Columbus
James Robert Powell, Trotwood
Cynthia Ritchie Prowie, Akron
Wayne Alexander Purdum, Radnor
Jack William Rantilla, Warren
David Theodore Reynolds, Cincinnati
Thomas Edward Reynolds, Xenia
Bryce Elwood Richard, Columbus
Paul Andrew Ritchie, Zanesville
Gale Alan Ritchie, Columbus
Donald Gerard Ridley, Shaker Heights
King Solomon Ruffin, Cincinnati
Glenn Christopher Sanders, Columbus
Vickie Diane Sayre, Columbus
Richard Arthur Schmelke, Spencerville
Fred Robert Schram, Massillon
Gary Eugene Schramm, Lima
Donald Gregory Shaffer, Springfield
Robert Milton Shane, Canton
Michael Robert Shiflet, Columbus
David Eugene Sims, Columbus
Samuel Joseph Smith, Lima
Terence Lee Staniszewski, Toledo
Walter Joseph Staudenmaier, Southhampton, N. Y.
Craig Williams Steut, Columbus
Lester Strode, Jr., Canton
James Oliver Swigart, Mansfield
Ernest Gene Taylor, Columbus
Randy Lee Thompson, Granville
Richard Lynn Thompson, Erie, Pa.

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William George Tilly, Lima
Barry Ian Turner, University Heights
Charles Frederick Ward, Columbus
Scott Alan Warner, Dayton
Barry Neil Wells, Akron
Gregory Lynn West, Columbus
Richard Wichowski, Gabanna
Carroll Lee Wit, Wilmington
Daniel Martin Wisniewski, Parma
Larry Richard Wright, Belle Center
John Dow Wymer, Columbus

School of Social Work

Bachelor of Science in Social Welfare
Sixty-seven candidates
Karen Sue Banks, Cleveland
Mary Alice Bartlett, Columbus
Mary Judith Lennon Bille, Cincinnati
Charles Wayne Brown, Columbus
Paul Keith Bukowski, Rochester, N. Y.
Marilyn Joy Byrne, Dayton
Catherine Klem Crown, Albany, N. Y.
Carol Ann Dana, Newton, Mass.
Vince Jaye Davis, Leary, Ga.
Deborah Harnish Dunpace, Dayton
Deanne Kathleen Edgington, Dayton
Sharon Lee Epstein, Beachwood
Sheila Washington Fairley, Columbus
Elaine Pfeigenbaum, Cleveland Heights
Jack Ira Fox, Cleveland
Francesca Gangidino, Lyndhurst
Barbara Goldman, Shaker Heights
Julie Anna Haanen, Marion
Jeffrey A. Herman, Warren
Diane Suzette Highland, Marion
Marliou Holt, Danville
Linda Ruth Humberger, Elmore
Paul David Jess, Massillon
Stephanie Ann Johnson, Warren
Laura Ives Jones, Buffalo, N. Y.
Rhonda Seward Kellar, Richville
Geneviere Louise Klein, Cleveland
Sandra Storch Knoll, Holgate
Sharon Marie Lentart, Barberton
James St. Clair Lindholm, Kenton
Marilyn Cele Litvene, Cleveland
Gregory Micheal Markovich, Akron
James Robert Marsh, Jr., Elyria
Thomas Lee McDonough, Crestline
Edward Joseph Merkel, Granville
Susan Zeiler Mobley, Rochester, N. Y.
Richard Montgomery, Columbus
Judith Maxwell Morris, Columbus
Patricia Ileen Nell, Bellevue
Anne Dreifus Neubauer, Columbus
Lina Helena Neuman, North Royalton
Sharan Marie Pabst, Columbus
Carl John Paulbancione, Bellevue
Peggy Lou Parsons, Columbus
Mary Gagen Pickton, Reynoldsburg
Daniel Len Pilder, Cincinnati
James Denton Roberts, Cincinnati
Anne Rogers Robinson, Columbus
Lois Jean Schecter, Columbus
Robert Craig Schirner, Columbus
Carolyn Ann Scott, Mansfield
Gerald Sheldon Seslow, Mayfield Heights
James Patrick Settemire, Lima
David Douglas Sherman, Columbus
Tina Lou Smeltzer, Columbus
Imogene Burr Smith, Jacksonville, Fla.
Pearl Elizabeth Sowell, Columbus
Richard Dean Sproswis, Wooster
Catharine Michaux Stout, Marion
Mary Kathryn Van Balen, Columbus
Jon Patrick Wallace, Rossford
Pamela Ann Walton, Willard
Mary Starkey Wampler, Columbus
Robertta Werner, North Bellmore, N. Y.
Brenda Elizabeth Wertman, New Lexington
James Curtis Williams, Columbus
Amy Louise Woodruff, Ashland

Bachelor of Science in Agriculture
Eighty-nine candidates
Adam Thomas Abfall, Avon
Beverly Ann Bain, Chillicothe
Denise Raymont Ballinger, North Canton
Ronald Edward Boehm, Fredericktown
John Wayne Buyer, Ashland
Al Cowan Brant, Lebanon
Donald Justin Bruce, Delaware
Daryl Jay Bridesbaud, Pandora
Timothy Paul Broadwell, Felicity
George William Buehner, Euclid
Jon Edward Burgermeister, Columbus
Bruce Meryl Buurma, Willard
George Ben Cardosi, Grove City
Thomas Roland Condit, Maplewood, N. J.
Gary Loy Condry, Wooster
Frederick Charles Cooke, Shelby
William Ray Coppess, Union City
Dunn Lee Cover, Pickerington
Joseph Patrick Croy, Sandusky
Thomas Maurice Cushing, Massillon
Douglas Leslie Davis, Loveland
Marilyn Sue Deal, Columbus
Karen Jean Dillon, Williamsfield
Richard Harrison Elliott, Toronto
John Charles Emch, Woodville
Robert Louis Evans, Amsterdam
Deak McKinley Ewing, Cambridge
Robert Vernon Feldwich, New Knoxville
Ronald Scott Ferrell, Custer
Ronald Lee Frey, Huron
Roger Lee Grandey, Edgerton
Dennis Lee Grubel, Sycamore
Phillip Douglas Hackenbracht, Cohocton
Glen William Harman, Canton
A. A. S. (State University of New York, Agricultural and Technical Colleges at Alfred)
Bill R. Haynes, New Weston
Richard Dennis Heilman, Brunswick
Stephen Dean Hibinger, Gnadenhutten
Douglas Richard Hill, Piqua
Steven Russell Hiller, Ashland
David Frost Hopkins, Berea
Edward Randall Huff, Worthington
Dale Russel Hupp, Wooster
Paul Bryan Huston, Roseville
Patrick Joseph Hutzell, Loveland
Lonn Everett Jackson, Dayton
Richard Paul Janiga, Eden, N. Y.
A.A.S. (State University of New
York, Agricultural and Technical
Colleges at Alfred)
Kirk Douglas Kadel, Haskins
Robert Eugene Kidd, Columbus Grove
John David Lee, Akron
Norman David Leppert, Galena
B.S.
William Eugene Linzauer,
Waynesville
Louis George Lyons, Campbell
Jan Garner Miller, Elida
Ray Eugene Miller, Holmesville
Thomas A. Miller, Mansfield
Terry Dean Milligan, Caldwell
Thomas Stephen Mitzel, Caldwell
Dave Patrick Moorhead, Cincinnati
Larry Charles Munn, Grafton
Laurence Richard Myers, II, Dalton
Timothy David Niemeyer,
Fort Jennings
Gary Lee Overmier, Napoleon
Troy Jesse Parks, Boardman
Charles Howard Patterson, Wooster
SUSAN DIANE Peters, Columbus
Gary Lee Pfeiffer, Oak Harbor
Robert William Pierce, Painesville
Michael Keith Plunkett, Timberlake
Peter John Poll, Galion
John Thomas Poorman, Somerset
Jeffrey John Povolny,
North Olmsted
David Michael Pullins, Quincy
Lawrence Bernard Riesenberg,
Rosslyn
Michael Rittinger, Circleville
Thomas Joe Samples, Belpre
Thomas Samuel Schlenker,
Wapakoneta
Jeffrey Earnest Schmitt, Delaware
Stephen Michael Seymour, Columbus
Wayne Allen Short, Archbold
Thomas Wayne Slemmer,
Upper Sandusky
Russel Lee Sword, Ashland
Charles Thomas Trinter, Vermilion
Jeffrey Van Wieren,
Franklin Lakes, N. J.
Jeffrey Charles Vore, Dayton
David Martin Wampler, Jr.,
LaSalle, Mich.
Terry Alan Wheeler, Vermilion
Aileen Luellen Yung, Columbus
Fred Lewis Zollinger, Millersport
Bachelor of Science in Dairy Technology
One candidate
James Scudday Crawford, Jr.,
Allentown, Pa.
Bachelor of Science in Food Technology
Two candidates
Ira Allen Herrmann, Boardman
James Joseph Utendorf, Ottawa
Bachelor of Science in Natural Resources
Eight candidates
Richard David Dicks, Jr., Heath
John Arthur Eschenfelder, Columbus
Marvin Ralph Graham, Ostrander
David Eugene Helgesen, Xenia
Constance Miles Kaufman, Covington
David Clyde Keathley, Worthington
Ronald Albert Rubright, Dover
Phillip James Viehosky, Lakewood
School of Home Economics
Bachelor of Science in Home Economics
Thirty candidates
Linda Catherine Burme, Columbus
Barbara Kay Barrie, Johnstown
Catherine Hilliard Beavers,
Goldston, N. C
Dorothy Ursula Behling, Columbus
Lisa Susanne Boecker, Brecksville
Catherine Mary Boehm, Columbus
Sherryl White Bourgeois, Columbus
Gail Ann Bucky, Greenville
Andrea Jayne Churchill, Englewood
Linda Joyce Crandell, Sylvania
Margaret Hansen Cryder, Kingston
Carolyn Imhoff Duty, Green Camp
Wendy Rosson Grimadi,
Ridley, L.I., N. Y.
Sharlee Karen Hiller, Columbus
Loretta Mary Jackson, Cleveland
Hollis Kazdan, Shaker Heights
Sally Jean MacBlane, Columbus
Deborah Lynn Mathews, Mansfield
Sheila Schreick Milligan, Grove City
Barbara Hensel Moore, Fairborn
Judith Ann Moses, Lakewood
Caryl Sargent Peeples, Bradford
Teresa Ann Persichetti, Columbus
Ginger Elaine Pry, Shiloh
Dianna Kandel Reiselt, Plain City
Susan Lee Ruescher, Westerville
Shirley Ann Settlemyre, Lima
Sandy Singer, Pittsburgh, Pa.
Susan Lee Stoll, South Euclid
Judith Lynne Welty, Columbus
Bachelor of Science in Restaurant Management
One candidate
Robert Lee Berardi, Sandusky
* Also Bachelor of Science in Education, College of Education
Dr. John R. Wilson

Doctor of Dental Surgery

One candidate

Barbara McDonald Sawka, Strongsville

Certificate of Graduate Dental Hygienist

One candidate

Melinda Jeannine Asher, Millersburg

Barbara Lynn Abel, South Euclid

Certificate of Graduate Dental Hygienist

Three hundred and thirty-five candidates

Mary Bistline Abdalla, Newark

B.A. (Otterbein College)

Debra Beth America, Pittsburgh, Pa.

 curator (Ohio University)

Sharon Elizabeth Acree, Columbus

Frances Jean Acunis, Columbus

Susan Mary Adams, Mansfield

Joseph Richard Adams, Columbus

Carlene Jeanette Alexander, Columbus

Catherine Magdelene Alexander, Columbus

Joyce Eldine Allen, Lima

Martha Graves Althaus, Worthington

Timothy Matthew Amann, Columbus

Debra Beth America, Pittsburgh, Pa.

Lois Jean Andrews, Mansfield

Thomas Herbert Anthony, Columbus

Edward John Aren, Columbus

B.S.Bus.Adm.

Jacob Julian Ashburn, Sandusky

Gail Ann Asher, Bay Village

Joseph Daniel Azok, Lorain

Linda Skillman Bader, Columbus

Joseph Ralph Baker, Lexington

Vicki Roe Baker, Newark

Judith Ellen Bamer, Parma

James Hughes Barbee, Jr., Columbus

Vicki Ann Barnhouse, Columbus


Katherine Diane Bassitt, Lima

James Russell Bauer, Lockland

Susan Pamphuch Baughman, Columbus

Janice Lee Bauman, Perryburg

Martha Post Baxter, Fremont


John Terry Beals, Akron


Daniel Earl Beatson, Hamilton

Donna Sue Becker, Dayton

Constance Elizabeth Biggs, Bellefontaine

Christine Zehner Billings, Pickerington

Deborah Kay Booth, Utica

Sandra Caruso Borland, Morral

Margaret Sanford Brelsford, Cincinnati

Douglas Clinton Brooks, Columbus

Marsha Ann Brooks, Cleveland

Michael David Brown, Springfield

Cynthia Reid Burgess, Perryburg

Eunice Lovonne Burk, Columbus

Cheryl Ann Burke, Columbus

Robbie Hollis Burstyn, Old Bridge, N. J.

Susan Irene Buxton, Wooster

Marilyn Lee Cahn, Cincinnati

Mary Lou Everett Caley, Columbus

John Buel Cannon, Dayton

Eufemia Martin Casanova, Columbus

Bess Deborah Casper, Englewood, N. J.

Cora Benson Cinard, Marion

William Harman Clinger, Delphos

Lynne Grether Coleman, Brook Park

John Kenneth Coldgrove, Painesville, B.A., J.D.

Cynthia Ann Collier, Shaker Heights

Constance Lucile Condon, Fairview Park

Linda S. Condon, Dayton

Rebecca Ellen Conkle, Lima

James Gilbert Conley, Ithaca, N. Y.

Gloria Gentry Cook, Columbus

Barbara Lynn Corderman, Lima

Suzanne Marie Coyle, Sandusky

Nancy Bobbitt Craig, Lima

Marlyn Jean Crone, Miamisburg

Carolyn Ruth Dalsey, Westmont, N. J.

Collette Davidson, Youngstown

Nial Evans Davis, Columbus

Diana Louise Dean, Macedonia

Myrtle Cramer Dell, Lima

Jean Ann Dilgard, Wooster

Sharon Evans Dodson, Columbus

Mary Lynne Doubtless, Columbus

Moni Kathryn Deve, Columbus

John Lee Dryden, Columbus

Jennifer June Dunn, South Vienna


Barbara Collar Duval, Lima

Lester Lee Eckert, Jr., Mansfield

Alda Vassaux Ehret, Dublin

B.P.A.

Doris Jean Eilerman, Botkins

Karen Frey Evans, Lima

Wesley Richard Fahrbach, II, Fremont

Susan Van Campen Fair, Columbus

Sally Ann Farrar, Middletown

Carol Dean Feaver, Marion

Janet Lynne Fischer, Dover

Evelyn Verne Fishback, Columbus

Shandolla Marie Flagel, Dayton


Marjorie Belt Floro, Mansfield

Linda Settleage Forrest, Columbus

Robert Edgar Fowler, Jr., Columbus

Mary Lynne Douthitt, Columbus

Mona Kathryn Deve, Columbus

John Lee Dryden, Columbus

Jennifer June Dunn, South Vienna


Barbara Collar Duval, Lima

Lester Lee Eckert, Jr., Mansfield

Alda Vassaux Ehret, Dublin

B.P.A.

Doris Jean Eilerman, Botkins

Karen Frey Evans, Lima

Wesley Richard Fahrbach, II, Fremont

Susan Van Campen Fair, Columbus

Sally Ann Farrar, Middletown

Carol Dean Feaver, Marion

Janet Lynne Fischer, Dover

Evelyn Verne Fishback, Columbus

Shandolla Marie Flagel, Dayton


Marjorie Belt Floro, Mansfield

Linda Settleage Forrest, Columbus

Robert Edgar Fowler, Jr., Columbus
Tames

Thomas Franklin

Lle\yn Deolia Fowlkl's, Columbus:

Joseph Edward Havranek, Columbus:

Lark Paul Gelendn, Columbus:

Sharron Sandra Lynn .

Freda Riek Ray

Lenora Pohl Geckle, Lawrence Smith Gay, Columbus:

Nancy Sandra Sue

Sally Shannon Kirk, Swanton

Pamela Hicks, Shelby

Gregory Lora

Lora Patricia

Robert Diane Miller Hedrick, Lima

Victoria Sparling Hoon

William Clabron

Robertetta Horowitz,

East Windsor, N. J.

Andrea Cropper Hovanek,

Wheelersburg

James Lee Huber, Columbus

Diana Zimmerman Harlow, Galion

Janet Marie Jenny, Grove City

Barbara Susan Jobe, Detroit, Mich.

Charles Edward Justus, Grove City

Allen George Kadlec, Columbus

Robert Abel Kaiser, Milan

Steven Thomas Kanable, Bucyrus

Barbara Hartfield Kaplan, Columbus

Victoria Louise Kasler, Columbus

Dennis Wade Kaufman, Beach City

Gary Lee Kaufman, Broadview Heights

Kathleen Loretta Kate, Bucyrus

Caryn Jo Greenberg, Merrick, N. Y.

Larry Ray Griggs, Swanton

Barbara Ann Grimsley, Zanesville

Rick Ray Grubaugh, Van Wert

Elaine Vanderhorent Guillozet, Minster

Sharron Kay Halliday, Worthington

Washington C.H.

Robert William Hamm, Bucyrus

Dianne Davis Hampp, Wapakoneta

Sheila Jean Hanor, Columbus

Sally Shannon Hanley, Columbus

Marlene Drummond Hartbert, Worthington

Beth McCabe Harding, Franklin

Edna Jean Harper, Columbus

Joseph Edward Havranek, Columbus

Sandra Sue Hawkins, Columbus

Diane Miller Hedrick, Lima

William Clabron Hendricks, South Euclid

Robert Stanley Hendrix, Columbus

Gregory Lee Hergesell, Columbus

Patricia Boehm Hergesell, Columbus

Lora Gibson Heskett, Newark

Pamela Hicks, Shelby

Edward James Patrick Hoffman, Columbus

Karen Purdy Hoffmann, Columbus


Karol Lynn Martz, Hudson

Joanne Nase, Columbus

Martha Ann Matthews, Pitsburg, Pa.

Marilyn Carol Mauck, Worthington

Charlotte Anne Maxsom, Lewiston, N. Y.

Kathleen Ann McAdams, Delaware

Kathy Jean McCarron, Columbus

Bonnie Lou McDonald, Louisville

Kathleen Elppert McGuire, Marion

Luanne McIntosh, Cheshire

Patricia Ann McKnight, Marion

William Marlan McLaughlin, Bucyrus

Patricia Elaine Melton, Columbus

Bennie Randall Merritt, Alger

Cheryl Lynn Miller, Marion

Dennis Vincent Miller, Delaware

Janet Pearl Miller, Cleveland

Robert Henry Miller, Cleveland

Kathy Braden Mirra, Heath

Judith Kindi Morgan, Columbus

Donna Jean Morrison, Copley

Cynthia Sue Morrow, Mansfield

Lenita Geiger Mullin, Columbus


Pamela Ann Murphy, Springfield


Larry Lee Nelson, Columbus

Nancy Catherine Nickel, Warren

Grace Gaeta Nunn, Columbus

Patricia Ann Nyste, Columbus

Sharon O'Connor, Columbus

Deborah Jane O'Dell, Portmouth

Janet Hribar Ongert, Parma Heights

Jean Morrison Oram, Columbus

Laurel Berk Ordin, Shaker Heights

Gary Lee Parker, Nevada

Douglas William Pauley, Galion

Thomas Steven Peet, Galena

Michael Dean Peet, Mt. Gilead

Karen Ann Phillips, Columbus

Nancy Eckber Pilder, Columbus

Lawrence Jay Poleyeff, Cleveland Heights

Sarah Evangeline Potter, Columbus

Steven Ralph Pottmeyer, Lowell

Kathleen Hanns Prescott, Columbus

Steven Lawrence Pratt, Columbus

John Michael Pucillo, Parma

Patricia Ann Purcell, Leesburg

Mariyn Ann Radcl, Cardington

Carolyn Cannon Randall, Logan, Utah


Terry Juanita Rayford, Cleveland

Deborah Morrow Ream, Columbus

Norman Kenneth Ream, Medina

David Lee Reed, Alexandria

1 Also Bachelor of Arts

Colleges of the Arts and Sciences
Suzanne Rice, Kent
Jay Franklin Rich, Akron
Karen Jill Richards, Syosset, N. Y.
Jean Anne Robey, Upper Sandusky
Jacqueline Alexander Rogers, Owenton, Ky.
Russell Allen Rogers, Columbus
Reginald Allen Rose, Ottawa
Mary Myers Runk, Lima
Pamela Hall Sah, Columbus
Lynn Luz Salem, Columbus
James Rocco Salimbene, Columbus
Constance Elaine Sandrock, Maumee
Robert Louis Santilla, Columbus
Lynn Allison Scarberry, Columbus
Marilyn Wegandt Schable, Columbus
Cathy Jo Scheiderer, Springfield
Lucinda Brown Schleicher, Columbus
Steve Berry Schnitker, Cincinnati
Barbara Linda Scherock, Parma Heights
Barbara Jane Schroek, Marion
Mark Fred Schueler, Sandusky
Dianne Sabina Schwager, Pittsburgh, Pa.
Karen Susanna Scislofski, Columbus
Genevieve Everly Seckel, Marion
Susan Virginia Selby, Warren
Jill Clark Shaw, Columbus
Lynne H. Stepsman, Plainview, N. Y.
Laurel Forro Sherding, Ridgewood, N. J.
Diane Lynne Shorr, Canton
Jeanne Ryan Sines, Columbus
Diana Kay Siszer, North Canton
Peter Daniel Shirbunt, Cleveland
Larry Leavansoph Smith, Columbus
Robert Michael Smith, Columbus
Kay Jean Snyder, Bellville
Judith Rosen Sokol, Shaker Heights
Pamela Evangelina Spencer, Columbus
Jerry Erwin Squires, Cleveland
William Harvey Staebler, Mentor
Jane Linkous Stamper, Centerburg
Fabienne Frey Stout, Columbus
James B. Stratton, Hilllsboro
Jacqueline Kay Strine, Cardington
Susan Doale Stroh, Wapakoneta
Rosanna Yosick Stump, Tiro
Lorraine DeForest Swindler, Trenton
Scott Edward Swisher, Columbus
Olga Nadia Szaja, Lorain
Cynthia Gee Szwast, Portsmouth
Sandra Keyerleber Tarbutton, Mentor
Judith Hamilton Taylor, Newark
Rebecca Joyce Thompson, Ostrander
Judith Gilkerson Tiedt, Columbus
Teresa Anne Toles, Columbus
Dean Francis Tower, Columbus
Mary Ruth Townsend, Columbus
Reese Trenapier, Middleburg Heights
Lanna Zoog Trimmer, Columbus
Sara Stonebrook Tucker, Mansfield
Judith Elaine Tunis, Zanesville
Linda Wojcikich Twedt, Columbus
Cheryl Robinson Tyler, Toledo
Tamera Ann Utterback, Powell
Cheryl Lynn Vanderbank, Grosse Pointe, Mich.
Kathleen Marie Vaughan, Columbus
John David Vecchio, Pleasantville, N. Y.
Gloria Jean Vermillion, Centerburg
Martha Ann Vosser, Galion
Gerald Patrick Wallace, Wellsville
Jeanette Peck Wails, Lexington
Margo Lenore Walsh, Cohocton
Charles Herbert Waterman, Dayton
Eric Dale Watkins, Hilliard
Nial Russell Waturus, Columbus
Judith Lynn Waxman, Wilmington, Del.
Karen Dee Wechsler, New York, N. Y.
Audrey Beatrice Weeks, Columbus
Kathleen Sue Werbel, Marion
Deborah Ann White, Oil City, Pa.
Robert Joe Whiteside, Columbus
Katherine Richardson Wiley, Dover
Alice Hardy Williams, Mansfield
Mayne LaVerne Williams, Cincinnati
Sandra Lee Wilson, Columbus
Barbara Jane Wisch, Mansfield
Howard Francis Wise, New Philadelphia
Stephen Richard Witham, Columbus
Linda Lorraine Withrow, Waverly
Caroline Stephanie Yanik, Lorain
Robert Welley Yant, Columbus
Sue Hoffmann Yerke, Columbus
Deborah Dean Yore, Columbus
Aileen Lucien Yang, Columbus
Kathleen Ann Zieleniak, Cleveland
Bachelor of Art Education
Offered jointly by the College of The Arts and the College of Education
Thirteen candidates
Deborah Jean Bennett, Dayton
Beth Ellen Bernstein, New York, N. Y.
Cathie Ann Crawford, Bay-sidc, N. Y.
R. P. A.
Carol Irene Edinger, Bucyrus
Barbara Rinehart Gilmore, Columbus
Darlene Marie Giunta, Sandusky
Erika Josefa Kaiser, Worthington
Madeline Gail Lowitz, Columbus
Maureen Ann Mackay, Middleburg Heights
Dorothy Webb Shaffer, Westerville
Timothy Aubert Wilbers, Wyoming
Kim Alyne Williams, Parma Heights
Kathryn Jo Yarrington, Blacklick
Bachelor of Music Education
Offered jointly by the College of The Arts and the College of Education
Seventeen candidates
Frank Reginald Burge, Grove City
Philip Carl Chevallard, Columbus
John Philip Cooper, Columbus
John Coleman Pryor, Jr., Bellevue
Karen Jean Kartsimas, Columbus
Stanley Ruel Lepley, Marion
Betty Clifton Lucas, Columbus
Mark Eric Lunsford, Vandalia
Paul Thomas Magree, Malvern, Australia
Kathryn Richards Moyer, Heath
Iwbra Lynn Rosenthal, Shaker Heights
Jacqueline Gordon Ruhl, Fredericktown
John Franklin Schmoll, Granville
Janice Yake Tengring, Toledo
B. Mus.
Joseph Frank Vinciguerra, Brecksville
Katherine Hunt Warren, Parma
Margaret Susan Warrick, Fairborn

1 Also Bachelor of Arts, College of the Arts and Sciences
2 Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
3 Also Bachelor of Fine Arts, College of the Arts and Sciences
4 Also Bachelor of Music, College of the Arts and Sciences
5 Also Bachelor of Music Education, College of the Arts and Sciences

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College of Engineering
Dean: Harold A. Bolz

Bachelor of Science in Aeronautical and Astronautical Engineering
Five candidates
Randall Alexander Diener, Gaylord, Wyo.
Stephen Michael Hotaling, Parma Heights
Douglas James Johnson, North Olmsted
Michael Jay Miller, Cleveland Heights
James Joseph Pinter, Seven Hills

Three candidates
Jan Wiley Koczera, Columbus
Peter Paul Norris, Bolivar
Reed Douglas Slevin, Pittsburgh, Pa.

One candidate
John Paul Sponseller, Columbus

Bachelor of Chemical Engineering
Seven candidates
David Harry Armstrong, Altamont, N. Y.
Eddie Shi K. Kwan, New Haven, Conn.
Gregory William Marsh, Marysville
Thomas Edward Rockford, Akron
Dean Constantine Stambolis, St. Clairsville
Mark Daniel Westbrook, Grove City
William David Zeek, Martins Ferry

Two candidates
Robert William Lawson, Geneva
Robert Joseph Mergel, Mansfield
Bruce Allen Miller, Massillon
William Douglas Roes, Indianapolis, Ind.
David Bernard Ritz, Cleveland
Arnold L. Rosenzweig, Pittsburgh, Pa.
Michael Richard Scholz, Vandalia
Robert John Smirgen, Columbus

Bachelor of Science in Ceramic Engineering One candidate
John Robert DePol, Bachelor of Science in Ceramic Engineering

Bachelor of Science in Computer and Information Science
Five candidates
Jerry Lee Fowls, Columbus
William Paul Hofeld, Columbus
Gary Joseph Kopas, Port William
Steven Clyde Lawrence, Columbus
Joan Louise Sebelihas, Galloway

Two candidates
Robert William Lawson, Geneva
Robert Joseph Mergel, Mansfield
Bruce Allen Miller, Massillon
William Douglas Roes, Indianapolis, Ind.
David Bernard Ritz, Cleveland
Arnold L. Rosenzweig, Pittsburgh, Pa.
Michael Richard Scholz, Vandalia
Robert John Smirgen, Columbus

Bachelor of Electrical Engineering
Two candidates
Bruce Robert Forschener, Parma Heights
Tonifit Marx, Mexico, D. F., Mexico

Bachelor of Mechanical Engineering
Two candidates
Richard John Widney, Columbus
Howard Earl Hale Jenkins, Columbus

Bachelor of Science in Engineering Physics
One candidate
Michael Stephen Daniel, II, Columbus

Bachelor of Industrial Engineering
Eleven candidates
Randall Alexander Diener, Gaylord, Wyo.
Stephen Michael Hotaling, Parma Heights
Douglas James Johnson, North Olmsted
Michael Jay Miller, Cleveland Heights
James Joseph Pinter, Seven Hills
Jan Wiley Koczera, Columbus
Peter Paul Norris, Bolivar
Reed Douglas Slevin, Pittsburgh, Pa.
Peter Paul Norris, Bolivar
Reed Douglas Slevin, Pittsburgh, Pa.

Bachelor of Science in Industrial Engineering
Eleven candidates
Randall Alexander Diener, Gaylord, Wyo.
Stephen Michael Hotaling, Parma Heights
Douglas James Johnson, North Olmsted
Michael Jay Miller, Cleveland Heights
James Joseph Pinter, Seven Hills
Jan Wiley Koczera, Columbus
Peter Paul Norris, Bolivar
Reed Douglas Slevin, Pittsburgh, Pa.
Peter Paul Norris, Bolivar
Reed Douglas Slevin, Pittsburgh, Pa.

Bachelor of Science in Mechanical Engineering
Two candidates
Richard John Widney, Columbus
Howard Earl Hale Jenkins, Columbus

Bachelor of Science in Chemical Engineering
Two candidates
*Steven Karl Leavitt, Troy
*William H. Lewis, III, Newburgh, N. Y.

Bachelor of Science in Civil Engineering
Twenty-two candidates
Wallace George Brocklehurst, Kingsville
John Dimitri DePol, New York, N. Y.
Thomas Lee Frazier, Warren
John Robert Groose, Columbus
Thomas Willson Henneberry, Bay Village
Thomas Max Hudson, New Vienna
James E. Arden King, Greenville

Nineteen candidates
John Clifford Ostgaard, Milford Center
Bruce Phillip Simon, North Royalton
Thomas Earl Spencer, Clyde
Dean Bradley Stamp, Columbiana
Roland Paul Stanton, Columbus
Theodore Quentin Walter, Bellville
Brent Robert Wientjes, Westerville
David Yonowitz, Lorain

Bachelor of Science in Aerospace Engineering
One candidate
Michael Stephen Daniel, II, Columbus

Bachelor of Science in Chemical Engineering
One candidate
John Paul Sponseller, Columbus

Bachelor of Science in Computer and Information Science
Five candidates
Jerry Lee Fowls, Columbus
William Paul Hofeld, Columbus
Gary Joseph Kopas, Port William
Steven Clyde Lawrence, Columbus
Joan Louise Sebelihas, Galloway

Two candidates
Robert William Lawson, Geneva
Robert Joseph Mergel, Mansfield
Bruce Allen Miller, Massillon
William Douglas Roes, Indianapolis, Ind.
David Bernard Ritz, Cleveland
Arnold L. Rosenzweig, Pittsburgh, Pa.
Michael Richard Scholz, Vandalia
Robert John Smirgen, Columbus

Bachelor of Electrical Engineering
Two candidates
Bruce Robert Forschener, Parma Heights
Tonifit Marx, Mexico, D. F., Mexico

Bachelor of Science in Electrical Engineering
Nineteen candidates
James Lowell Blackstone, New Concord
Latham Basil Campbell, Kingston, Jamaica
James Michael Cimprich, Trenton
David Joseph Geyman, Columbus
Robert Murray Grove, Columbus
Howard Earl Hale Jenkins, Columbus
Robert Louis Johnson, Columbus
Richard Keith Mains, Canton
Michael Roy Melsony, Columbus
Rodger Michael Miller, North Olmsted
Alan Kieth Mottayaw, Mansfield

Also Master of Science, Graduate School

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Bachelor of Science in Mechanical Engineering
Ten candidates
Stephen Bradley Ackerman, Barnesville
Charles Howard Bohling, New Hartford, N.Y.
Jeffrey Carl Bookwalter, Englewood
Ernest Dezso Botos, Cleveland
Lewis George Frasch, Columbus
James Thomas Houser, Massillon
Charles Stevens Parker, Warren
Peter Carl Vorum, Madison, N. J.
Jeffrey Scott Wilburn, Huntington, Va.

Bachelor of Science in Metallurgical Engineering
One candidate
Gary Lyn Haliena, Cridersville

Bachelor of Science in Welding Engineering
One candidate
James Robert Mullens, Trenton, Mich.

School of Architecture
Bachelor of Science in Architecture
Three candidates
John Mark DeLuca, Pittsburgh, Pa.
James Walter Gibbs, Jr., Belmont, W. Va.

Bachelor of Landscape Architecture
One candidate
William John Sherman, Napoleon

Bachelor of Science in Landscape Architecture
One candidate
Thomas Bradley Becker, Wooster

Juris Doctor
Forty-two candidates
Richard Alton Beebe, Painesville
B.A. (Bowling Green State University)
James Selden Bein, Grafton
A.B. (University of Michigan)
George Woodward Birch, Euclid
B.A. (Ohio University)
Wayne Alan Brown, Columbus
B.A.
Douglas Whitney Bulson, Toledo
B.A. (Ohio University)
James Craig Carr, Poland
A.B. (Miami University)
Harry Minshall Cochran, Jr., Cincinnati
B.A.
Richard Eugene Coss, Columbus
B.A. (Columbia)
Bruce Edward Cryder, Crooksville
A.B. (Ohio University)
Thomas Rickey Davis, Oak Hill
B.S. in Bus. (Miami University)
Craig Edward Evans, Columbus
B.A.
Mary Ellen Fairfield, Brecksville
B.A. (Purdue University)
David William Flax, Xenia
A.B. (Ohio University)
Jim Denver Fox, Belpre
B.S. (Ohio University)
Charles Frederick Geidner, Youngstown
B.A. (University of Cincinnati)
Steven Thomas Greene, Columbus
B.A. (Brown University)
David Brian Harwood, Willard
A.B. (Ohio University)
Brian Patrick Kilbane, Cleveland
A.B. (University of Detroit)
Edward Russell Kirk, Barberton
B.A. (Ohio Wesleyan University)
James Harry Lagos, Springfield
B.A. (Wittenberg University)
Thomas Frank Luken, Cincinnati
B.B.A. (University of Cincinnati)
Gerald Mark McClain, Crabtree, Pa.
B.A. (University of Pittsburgh)
William James McGraw, III, Troy
B.B.A. (Ohio University)
Thomas Kerns McInknight, Cincinnati
B.S. in Bus. (Miami University)
Terrence James Morse, Columbus
B.A.
Donald Bruce Nevard, Wilmette, Ill.
B.B.A. (Ohio University)
David Eddall Northrop, Coraopolis, Pa.
B.A. (Allegheny College)
Gary Zane Nothstein, Lehighton, Pa.
B.A. (Johns Hopkins University)
Harold DeWolf Paddock, III, Aurora
B.S.Bus.Adm.
Charles Joseph Pruitt, Eugene, Ore.
B.A. (University of Oregon)
Thomas Joseph Ramsey, Bergholz
B.A. (Miami University)
John Charles Rosenberger, Mt. Blanchard
B.S.Agr.
Joseph Eugene Seuro, Jr., Bergenfield, N. J.
B.A. (Manhattan College)
Nancy Elise Shurtz, Coshocton
B.A. (University of Cincinnati)
Steven Lee Smith, Columbus
B.S. (Ball State University)
Rickard Stanley Toomey, Jr., Willoughby
B.S in Bus. Adm. (University of Dayton)
Adam Joseph Wagenbach, Trotwood
A.B. (Ohio University)
Bruce Frederick Wagner, Chillicothe
B.B.A. (Ohio University)
Robert Lee Whitmer, Maumee
B.A. (Northwestern University)
Michael Edward Yurosko, Euclid
B.A.
Jeffrey Edward Zink, Canton
B.A. (Kent State University)
Frederick Hurxthal Zollinger, Jr., Hartville
B.S in C.E. (Lehigh University)
College of Medicine
Acting Dean: Robert J. Atwell, M.D.

Doctor of Medicine
One candidate
Botty Frances Ball, Toledo
B.A. (Miami University)

School of Allied Medical Professions
Bachelor of Science in Allied Health Professions
Four candidates
Anthony Fred Alacca, Mansfield
Karen Watkins Petham, Dublin
Jill Scott Gershing, Fort Collins, Colo.
Peneiope Lax Wolford, Cleveland

School of Nursing
Bachelor of Science in Nursing
Ten candidates
Christina Jane Benson,
Newcomerstown
Mary Alexander Brady, Muncie, Ind.
Deborah Lynn Bridgesand, Cincinnati
Ann Jones Davies, Prospect
Linda Dianne McClellan Drake,
Westerville
Marilyn Celine Jelenic, Euclid
Claudia Margaret Plonski, Cleveland
Doris Emma Stifling, Lorain
Rose Lee Marie Weinert,
Reynoldsburg
Marcia McCarty Wheelon, Columbus

Bachelor of Science in Occupational Therapy
Twelve candidates
Marilyn Kay Davy, Columbus
Barbara Aurand Drake, Warren
Donna Gribben Fulton, Kettering
Cynthia Olds Godsey, Biaomville
Carolyn Linebaugh Heindl
Miami-burg
Susan Dianne Jones, Portsmouth
Laura Plavny Mahler,
Broadview Heights
Carolyn Susan Panak, Newton Falls
Kathleen Iris Paulin,
Cleveland Heights
Kathleen Melko Sampson,
Steubenville
Sondra Sheets Titer, Urbana
Patricia Palmer Woolfe,
Washington C.H.

Certificate of Post Baccalaureate Medical Technologist
Three candidates
Kathy Jo Brewer, Germantown
B.A. (Miami University)
Salim Najib Freissaty,
Zahleh, Lebanon
B.S. (American University of Beirut); M.S.
Joyce Elaine Smith, Dayton
B.S. (University of Dayton); M.S.
Graduates with Honors

Summa Cum Laude

Dorothy Unseth Behling, Columbus
William Edward Bottger, Newbury
Mary Alexander Brady, Muncie, Ind.
James Michael Cimprich, Trenton
Joseph Patrick Croy, Sandusky
John Lee Dryden, Columbus
Jeffrey Paul Eisenman, Columbus
Michael Paul Fisher, Tiffin
Barbara Rinehart Gilmore, Columbus
Sally Shannon Hanley, Columbus
Thomas Arthur Hanson, Alliance
Joseph Edward Havranek, Columbus
Dorothy Lee Havranek, Columbus
Sally Shannon Hanley, Columbus
William Edward Bottger, Newbury
Sally Shannon Hanley, Columbus
John Lee Dryden, Columbus
Jeffrey Paul Eisenman, Columbus
Michael Paul Fisher, Tiffin
Barbara Rinehart Gilmore, Columbus
Sally Shannon Hanley, Columbus
Thomas Arthur Hanson, Alliance
Joseph Edward Havranek, Columbus
Karyln Reichenbach Holt, Lima
Deborah Eppeley Kent, Columbus
Eddie Sui KI Ewan, New Haven, Conn.
Ron Michele Lesser, Douglaston, N. Y.
Robert Matthews, Columbus
Larry Charles Munn, Grafton
David Edsall Northrop, Coraopolis, Pa.
Charles Howard Patterson, Wooster
Kathleen Hanes Prescott, Columbus
Charles Joseph Pruitt, Eugene, Oregon
Anne Rogers Robinson, Columbus
Michael Richard Scholz, Vandalia
Dianne Sabine Schwager, Pittsburgh, Pa.
Thomas Wayne Slennner, Upper Sandusky
Dean Bradley Stamp, Columbus
Sandra Keyerleber Tarbutton, Mentor
Beth Lee Urich, Medina
Marcia McCarty Wheelen, Columbus
Michael Edward Yurosko, Euclid
Frederick Hurxthal Zollinger, Jr., Hartville

Summa Cum Laude and with Distinction in Dairy Science

Denise Raymont Ballinger, North Canton

Summa Cum Laude and with Distinction in History

Diana Neal Galbreath, Columbus

Summa Cum Laude and with Distinction in Natural Resources

Constance Miles Kauffman, Covington

Summa Cum Laude

Donald Joseph Abate, Richmond Heights
Linda Skillman Bader, Columbus
Catherine Michelle Bear, Goldston, N. C.
George Woodward Birch, Euclid
Sherry White Bourgeois, Columbus
Rae Dubuch Bush, Ashtabula

Summa Cum Laude and with Distinction in Dairy Science

Janet Marie Bussert, Lithopolis
Keith Edward Byers, Akron
Harry Minshall Cochran, Jr., Cincinnati
Deborah Sue Conrad, Marysville
Nancy Bobbitt Craig, Lima
Vivian Egnatia Debay, Granville
Thomas Rickey Davis, Oak Hill
Carolyn Imhoff Duty, Green Camp
Mary Ellen Fairfield, Brecksville
Shandolga Marie Plagel, Dayton
Diane Marie Friemoth, Columbus
Paul Michael Groski, Cleveland
Richard Mitton Grossman, Youngstown
David Brian Harwood, Willard
Leslie Michael Howard, Worthington
Edward Russell Kirk, Barberton
Jan Wiley Knox, Columbus
Janet Marie Krawets, Cleveland
Marcia Kay Krill, Edgeerton
James Randall Krishak, Hilliard
Karen Louise Lamoreux, Lakewood
Janet Rush Lang, Columbus
Donna Converse Lawrence, Marion
Steven Karl Leavitt, Troy
William H. Lewis, III, Newburgh, N. Y.
Barbara Pracht MacArthur, Defiance
Richard Keith Mains, Canton
Marilyn Carol Mauch, Worthington
Kathleen Linda McGlone, Steubenville
William James McGraw, III, Troy
Michael Roy Meloney, Columbus
Judith Maxwell Morris, Columbus
Terrence James Morse, Columbus
Linda Pearl Nauman, Delaware
Gary Zane Nachstein, L handicton, Pa.
John Clifford Ostgaard, Milford Center
Patti Louise Overholt, Columbus
John Charles Rosenberger, M. Blanchard
Debra Lynn Rosenthal, Shaker Heights
Judith Margaret Ross, Worthington
Dennis James Schumaker, Port Clinton
Susan Virginia Selby, Warren
James Lee Shellhaas, Columbus
Wayne Allen Short, Archbold
Lauren Corlies Stevens, Cincinnati
Lorraine DeForest Swindler, Trenton
Richard Lynn Thompso, Erie, Pa.
Janice Yake Tongrning, Toledo
Sara Stonebrook Tucker, Mansfield
Mary Kathryn Van Balen, Columbus
Damian Joseph Vercillo, Ashland
Carole Ann Wagan, Akron
Gerald Patrick Wallace, Wellington
Katherine Hunt Warren, Parma
Sandra Kay Weaver, Shelby
Kathleen Sue Werbel, Marion
Brent Richard Wientjes, Westerville
Frank Dixon Williams, Perrysburg

Summa Cum Laude and with Distinction in Music Theory and Composition

Gary Lee Eby, Columbus

Cum laude

Ronald Alan Greenfield, McKeesport, Pa.

With Distinction in Art

Kathryn Jo Yarrington, Blacklick

With Distinction in Dairy Science

Charles Thomas Trinter, Vermilion

With Distinction in Psychology

Deborah Lynn Haller, Columbus
Stephan Emil Yannucci, Columbus
Deborah Dean Yore, Columbus
The Board of Trustees met at its regular monthly meeting on Friday, February 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
TRUSTEE DAY

Mr. Gushman thanked the Undergraduate Student Government for sponsoring the "Trustee Day" on the campus. He indicated that he found the experience a very constructive one.

Mrs. James said she had found the day very worthwhile, but indicated she would have liked to spend more time with students and less time in facilities.

Mr. Shocknessy commended Mr. Michael White, President of the Undergraduate Student Government, not only for proposing the day, but for the courtesies extended to him personally.

Dr. Sirak reinforced what the others had said and added that he thought the "Trustee Day" served a useful and meaningful purpose.

REPORT BY CHAIRMAN

Mr. Eckley appointed Mrs. Patricia D. James as the Board's representative to the Association of Governing Boards of Universities and Colleges for the remainder of the academic year 1972-1973.

SPECIAL REPORT

Mr. Shocknessy reported on behalf of the Finance and Investment Committee its recommendation concerning the acquisition of a President's House.

Mr. Shocknessy presented the following recommendation:

Purchase of Building and Property - President's Residence

That the Secretary of the Board of Trustees be authorized to enter into a contract in the form attached hereto and incorporated herein (see Appendix VI, page 329), on behalf of the Board of Trustees of
February 2, 1973 meeting, Board of Trustees

SPECIAL REPORT (continued)

Mr. Shocknessy's recommendation (continued)

Purchase of Building and Property - President's Residence (continued)

The Ohio State University, to purchase the real property located at 285 Croswell Road in the City of Columbus, Franklin County, Ohio, at a price not to exceed $140,000, as advised by counsel.

As a condition of purchase, necessary approvals from the Ohio Board of Regents and the Controlling Board in accordance with the provisions of House Bill 988, Section 5, will be obtained and the MAI appraisal recorded.

In answer to a question by Mr. Shocknessy as to the suitableness of the house, President Enarson indicated that Mrs. Enarson and he believe the house fulfills all the requirements which the Board and Mrs. Enarson had initially agreed to be necessary to support the official University activities conducted in a President's House; and, therefore, this action had Mrs. Enarson's and his enthusiastic support.

Mr. Shocknessy requested Mr. Davis to speak to the appropriateness of adopting the resolution. Mr. Davis, counsel to the Board of Trustees, concurred in the appropriateness of the resolution.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

President Enarson presented the following recommendations:

1. GENERAL RECOMMENDATIONS

A. Change of Trustee, The Ohio Legal Center

In compliance with the Code of Corporate Regulations of The Ohio Legal Center, President Enarson recommended that Professor Lawrence Herman be appointed a trustee of the Legal Center, effective immediately, to replace the late Professor Ervin Pollack.

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Report of Auditor of State - The Ohio State University Hospitals

The Annual Report of the Auditor of State for the fiscal year 1970-1971 has been received and reviewed by the appropriate officers of the University.

The accounts, records, files, and reports of The Ohio State University Hospitals were found to be adequate with the exception of those records which were commented upon specifically in the report.

President Enarson recommended that this Report of the Auditor of State for the fiscal year 1970-71 for The Ohio State University Hospitals be received and filed with the official documents of the University.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above recommendation was approved by unanimous voice vote.

C. Establishment of a Department of Dance

The University Senate on November 21, 1972, approved the recommendation of the Council on Academic Affairs that a Department of Dance be established.

The Division of Dance meets all requirements for departmental status including the minimum number of well-qualified faculty members in the ranks of Assistant Professor, Associate Professor, and Professor. In its four years of existence, dance has gained recognition as one of the outstanding dance programs in the country. At the present time the Division offers a Bachelor of Fine Arts, Bachelor of Science in Education, and Master of Arts degrees. Dance acts as a cognate area for theatre for students who want to work on a Doctor of Philosophy degree in dance and theatre. Among the important areas of research available to students are Dance History with an outstanding slide and library collection, Dance Notation with a library of original scores, films, manuscripts, and rare Labanotation resources. Research involving original choreography in a variety of styles and experimental approaches, and the reconstruction, writing, and reading of dance scores and historic notation systems are included in the program.

President Enarson recommended that a Department of Dance be established, effective July 1, 1973.

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

D. Quarterly Review of Current Funds Budget

The review of the status of the Current Funds Budget for the quarter ended December 31, 1972, is presented to the Board of Trustees for review. The actual Autumn Quarter enrollments, fee collections, and subsidy earnings provide the University with the most accurate indication of needs and resources for the year.
February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Quarterly Review of Current Funds Budget (continued)

SOURCES OF INCOME

The adjustments to resources for the second quarter for General Budgets - Central Campus total $3,289,871, consisting of additional subsidy earnings of $2,127,173 and increases in other unrestricted income of $1,162,698. The increase in subsidy is due primarily to changes to the application of subsidy support factors by the Ohio Board of Regents and changes in internal enrollment patterns, with only a slight overall increase in total enrollment over that anticipated.

The adjustments to General Budgets - Regional Campuses represents increase in subsidy earnings which will be placed in reserve.

Current estimates of restricted expenditures reflect an increase in restricted federal grants and contracts received to date, specifically, Vocational and Technical Education.

There are no major changes to the original estimates of auxiliary budgets.

<table>
<thead>
<tr>
<th>Source</th>
<th>Budget Approved September 30, 1972</th>
<th>Revised Budget December 31, 1972</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Campus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Subsidy</td>
<td>$65,743,666</td>
<td>$67,870,839</td>
<td>$2,127,173</td>
</tr>
<tr>
<td>Student Fees</td>
<td>45,175,000</td>
<td>45,175,000</td>
<td>0</td>
</tr>
<tr>
<td>Other Unrestricted Income</td>
<td>16,465,445</td>
<td>17,628,143</td>
<td>1,162,698</td>
</tr>
<tr>
<td>Carry Forward from 1971-72</td>
<td>4,449,069</td>
<td>4,449,069</td>
<td>0</td>
</tr>
<tr>
<td>Beginning General Reserve</td>
<td>3,763,612</td>
<td>3,763,612</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>$135,596,792</td>
<td>$138,886,663</td>
<td>$3,289,871</td>
</tr>
</tbody>
</table>

Regional Campuses - All Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Budget Approved September 30, 1972</th>
<th>Revised Budget December 31, 1972</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Subsidy</td>
<td>$5,396,387</td>
<td>$5,441,914</td>
<td>$45,527</td>
</tr>
<tr>
<td>Student Fees</td>
<td>$86,644,000</td>
<td>$87,720,000</td>
<td>1,076,000</td>
</tr>
<tr>
<td>Other Unrestricted Income</td>
<td>$48,205,000</td>
<td>$51,801,000</td>
<td>3,596,000</td>
</tr>
<tr>
<td>Grand Total</td>
<td>$275,842,179</td>
<td>$283,849,577</td>
<td>$8,007,398</td>
</tr>
</tbody>
</table>
February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Quarterly Review of Current Funds Budget (continued)

BUDGETED EXPENDITURES

The adjustments to General Budgets - Central Campus for the second quarter reflect a release of $2,947,531 from approved program budgets to college and office personnel, operating, and equipment budgets and $888,172 net adjustment to instructional budgets due to change in enrollment patterns and a slight increase in enrollment over that budgeted; and $274,526 increase in income in "earnings budgets" directly offset by expenditures. The additional subsidy earnings of $2,127,173 will be placed in reserve.

<table>
<thead>
<tr>
<th></th>
<th>Budget Approved</th>
<th>Revised Budget</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>September 30, 1972</td>
<td>December 31, 1972</td>
<td></td>
</tr>
<tr>
<td>General Budgets - Central Campus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel Services</td>
<td>$101,394,972</td>
<td>$103,872,529</td>
<td>$2,477,557</td>
</tr>
<tr>
<td>Operating and Equipment</td>
<td>20,889,689</td>
<td>22,522,361</td>
<td>1,632,672</td>
</tr>
<tr>
<td>All Other</td>
<td>11,312,131</td>
<td>8,364,600</td>
<td>(2,947,531)</td>
</tr>
<tr>
<td>Ending General Reserve</td>
<td>2,000,000</td>
<td>4,127,173</td>
<td>2,127,173</td>
</tr>
<tr>
<td>Total</td>
<td>$135,596,792</td>
<td>$138,886,663</td>
<td>$3,289,871</td>
</tr>
<tr>
<td>General Budgets - Regional Campuses</td>
<td>5,396,387</td>
<td>5,441,914</td>
<td>45,527</td>
</tr>
<tr>
<td>Restricted Budgets/ Expenditures</td>
<td>48,205,000</td>
<td>51,801,000</td>
<td>3,596,000</td>
</tr>
<tr>
<td>Rotary and Auxiliary Budgets</td>
<td>86,644,000</td>
<td>87,720,000</td>
<td>1,076,000</td>
</tr>
<tr>
<td>Grand Total</td>
<td>$275,842,179</td>
<td>$283,849,577</td>
<td>$8,007,398</td>
</tr>
</tbody>
</table>

President Enarson recommended that the foregoing report as submitted be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

* * *
II. PERSONNEL CHANGES

Personnel changes since the December 1, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Naurine R. McCormick from Professor and Associate Director (part time - 15 per cent) in the School of Home Economics to Professor and Acting Director (part time - 35 per cent) in the School of Home Economics, effective January 1, 1973, at a salary of $8,694.00 per annum (12-month basis). She will continue as Professor and Assistant Director (part time - 50 per cent) in the Cooperative Extension Service.

Theodore B. Myers from Professor of Zoology on The Ohio State University Marion Campus to Associate Director of The Ohio State University Marion Campus (part time - 75 per cent) and Professor of Zoology, The Ohio State University Marion Campus (part time - 25 per cent), effective February 2, 1973, at a salary of $19,008.00 per annum.

B. Leaves of Absence Without Salary

Anthimos J. Christoforidis, Professor, Department of Radiology, effective December 15, 1972 through June 14, 1973, to complete the development of new curricula for medical students and Post- M. D. students in the Department of Radiology at the University of Salonika, Greece.

Leonhard A. Miller, Assistant Professor, Department of Mathematics, effective October 1, 1972 through March 31, 1973, to do research at the Mathematisches Institut in Gottingen, West Germany.

Deborah C. Andrews, Instructor, Department of English, effective January 1, 1973 through March 31, 1973, for personal reasons.

Janet H. Arenson, Instructor, School of Nursing, effective January 1, 1973 through March 26, 1973, for personal reasons.

Kaye F. Bartlett, Instructor (Area Extension Agent, CRD) Washington C. H. Area Center, Cooperative Extension Service, effective October 1, 1972 through November 30, 1972, to participate in a program of professional improvement at The Ohio State University.
II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Lucy S. Caswell, Instructor, University Libraries, effective January 1, 1973 through March 31, 1973, for personal reasons.

Peggy H. Simmons, Instructor (County Extension Agent) Greene County, Cooperative Extension Service, effective January 1, 1973 through March 31, 1973, for personal reasons.


C. Emeritus Titles

Ira A. Gould, Jr., Department of Food Science and Nutrition and Cooperative Extension Service, with the title Professor Emeritus, effective January 1, 1973.

Oscar E. Share, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1973.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the December 1, 1972 meeting of the Board be accepted.

SUMMARY

<table>
<thead>
<tr>
<th>Organization</th>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
<td>20</td>
<td>$4,363,471.93</td>
</tr>
<tr>
<td>The Ohio State University Research</td>
<td>49</td>
<td>1,393,441.62</td>
</tr>
<tr>
<td>Foundation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Engineering Experiment Station</td>
<td>5</td>
<td>95,284.00</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>15,126</td>
<td>2,357,324.00</td>
</tr>
</tbody>
</table>

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

A. Office of Finance and Treasurer

1. Grants

   a. $3,700,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for A Comprehensive Career Education Model, under the direction of the Center for Vocational and Technical Education, for the period through August 31, 1973. (Grant No. OEG-0-72-1419, Revision No. 2)

   b. $189,970.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Center for Research and Leadership, under the direction of the Center for Vocational and Technical Education. This grant expires June 30, 1973. (Grant No. OEG-3-7-000158-2037, Revision No. 18)

   c. $67,929.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1973. (Grant GW-7709, Proposal No. 3/0101)

   d. $58,826.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medicinal Chemistry - Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 TO1 GM01949-05)

   e. $55,561.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Geology for Secondary School Teachers, under the direction of the Department of Geology and Mineralogy. This grant expires September 30, 1973. (Grant GW-7668, Proposal No. 3/0169)

   f. $53,824.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Environmental Sciences for Secondary School Teachers, under the direction of the Academic Faculty of Science and Mathematics Education. This grant expires June 30, 1974. (Grant GW-7804, Proposal No. 3/0869)

   g. $31,750.00 granted by National Science Foundation, Washington, D. C., to the University for Student Science Training Program (Pre-College), under the direction of the Department of Mathematics. This grant expires October 31, 1973. (Grant GW-8206, Proposal No. 3/1627)
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

A. Office of Finance and Treasurer (continued)

1. Grants (continued)

h. $30,000.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Horizons Unlimited Program, under the direction of the Department of Mathematics, for the period July 1, 1972 through June 30, 1973. (Grant No. 50849)

i. $29,854.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 17450430151)

j. $22,976.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 27450430151)

k. $19,293.93 granted by Ohio Board of Regents, Columbus, Ohio, to the University for project Meeting the Health Care Needs of the Aged in Ohio. This grant is made under Title I, Higher Education Act of 1965. (Program No. 73-944-004)

l. $18,091.00 granted by National Science Foundation, Washington, D.C., to the University for Student Science Training Program (Pre College), under the direction of the Department of Engineering Graphics. This grant expires October 31, 1973. (Grant GW-8178, Proposal No. 3/1458)

m. $16,710.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 77450430151)

n. $16,608.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Interpretations of Macromolecular Interactions, Development Award - Research Career Program, under the direction of the Department of Biochemistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 1K04 GM70614-01)
February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
    (continued)

A. Office of Finance and Treasurer (continued)

1. Grants (continued)

   o. $15,816.00 granted by National Science Foundation, Washington, D.C., to the University for Short Course on Junior High School Science Programs for Secondary School Supervisors, under the direction of the Academic Faculty of Science and Mathematics Education. This grant expires September 30, 1973. (Grant GW-8294, Proposal No. 3/1968)

   p. $15,000.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for support of the project The Relationship of Nutrition Education to Subsequent Nutrition Knowledge, Attitudes, and Practices of Ohio High School Graduates, under the direction of the School of Home Economics, for the period July 1, 1972 through June 30, 1973.

   q. $7,950.00 additional grant by United States Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D.C., to the University for Environmental Pollutants in Relation to Lake Erie Herons, under the direction of the Department of Zoology, for the period ending August 31, 1974. (Contract No. 14-16-0008-1088, Amendment No. 1)

   r. $7,563.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 47450430151)

   s. $5,000.00 granted by World Health Organization and L'Organisation Mondiale de la Sante, 1211 Geneve 27, Switzerland, to the University for the WHO International Reference Centre for Diagnosis of Diseases of Vectors, under the direction of the Department of Entomology.

   t. $575.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to the University for recruiting students for work-study programs under the direction of the Department of Black Studies. This contract expires December 30, 1972.

2. Gift-in-Kind

February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period November 11, 1972 through December 31, 1972.

1. Federal Research Contracts

      Gross Value - $43,271.00.

   b. Office of Naval Research, Department of the Navy, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Mod. #4 - Department of Metallurgical Engineering).
      Gross Value - $22,000.00.

   c. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Effects of Weightlessness on the Development of the Vestibular Apparatus and Ocular Nystagmus in the Rat (to be known as Project No. 3329-A1 - Mod. #1 - Department of Anatomy).
      Gross Value - $19,000.00.

   d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, In vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens (to be known as Project No. 3374-A1 - Mod. #1 - Department of Veterinary Pathobiology).
      Gross Value - $93,964.00.

      Gross Value - $50,345.00.

      Gross Value - $54,996.00.
B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

   Gross Value - $24,748.00.

   h. Department of the Army, Army Aviation Systems Command, Ft. Eustis, Virginia, Development of Accelerated Life Test Techniques for Aircraft Hardware (to be known as Project No. 3598-A1 - New - Department of Mechanical Engineering).
   Gross Value - $44,978.00.

   TOTAL - Federal Research Contracts $353,302.00

2. Industrial and Other Research Contracts

   a. Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-C - Ltr. dtd. 12/6/72 - Department of Metallurgical Engineering).
   Gross Value - $2,000.00.

   Gross Value - $2,000.00.

   Gross Value - $267.10.

   Gross Value - $2,000.00.
**III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS**

(continued)

**B. The Ohio State University Research Foundation (continued)**

2. Industrial and Other Research Contracts (continued)

<table>
<thead>
<tr>
<th>Contract Details</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>e. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-G1 - Ltr. dtd. 11/21/72 - Academic Faculty of Educational Development).</td>
<td>$2,156.52</td>
</tr>
<tr>
<td>f. Ohio Power Company, Canton, Ohio, Environmental Analysis of a Potential Power Site on Sandusky Bay (to be known as Project No. 3584-A1 - New - College of Biological Sciences and Department of Civil Engineering).</td>
<td>$37,847.00</td>
</tr>
<tr>
<td>g. Ethicon, Inc., Somerville, New Jersey, Polyglactin Suture Material (to be known as Project No. 3586-A1 - New - College of Dentistry).</td>
<td>$9,084.00</td>
</tr>
</tbody>
</table>

**TOTAL - Industrial and Other Research Contracts $60,801.62**

3. Federal Research Grants

<table>
<thead>
<tr>
<th>Contract Details</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO2-Artery Q02 Relationships in Atherosclerosis (to be known as Project No. 1800-J - Ext. #9 - Department of Physiology).</td>
<td>$20,260.00</td>
</tr>
<tr>
<td>b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as Project No. 1882-H - Ext. #8 - Department of Psychiatry).</td>
<td>$17,508.00</td>
</tr>
<tr>
<td>c. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #5 - Department of Physics).</td>
<td>$40,000.00</td>
</tr>
</tbody>
</table>
B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Sup. #2 - Department of Physiological Chemistry). Gross Value - $3,538.00.

e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa - Normal and Experimental (to be known as Project No. 2949-C - New - Department of Otolaryngology). Gross Value - $34,029.00.


g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #4 - Department of Electrical Engineering [ElectroScience Laboratory]). Gross Value - $65,991.00.


i. Department of Health, Education, and Welfare, Office of Education, Chicago, Illinois, A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - Rev. #3 - Academic Faculty of Educational Development). Gross Value - $47,734.00.

j. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3265-A1 - Sup. #2 - Department of Electrical Engineering [ElectroScience Laboratory]). Gross Value - $20,000.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

k. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism, and Digestive Diseases, Bethesda, Maryland, Control of the Hexose Monophosphate Shunt in Red Cells (to be known as Project No. 3310-A2 - Ext. #1 - Department of Medicine).
Gross Value - $15,579.00.

Gross Value - $30,009.00.

m. U. S. Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens (to be known as Project No. 3365-A1 - Mod. #P301 - Department of Microbiology).
Gross Value - $21,289.00.

Gross Value - $28,300.00.

o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Mode of Action of Fluoride in Caries Inhibition (to be known as Project No. 3380-A2 - Ext. #1 - College of Dentistry).
Gross Value - $33,657.00.

Gross Value - $69,900.00.

Gross Value - $3,700.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

   Gross Value - $36,500.00.

 s. National Science Foundation, Washington, D. C., Ice Crater Closure Studies of a Glacier on Deception Island (to be known as Project No. 3600-A1 - New - Institute of Polar Studies and Department of Civil Engineering).
   Gross Value - $7,700.00.

   Gross Value - $24,000.00.

   Gross Value - $63,003.00.

   Gross Value - $10,700.00.

 w. National Science Foundation, Washington, D. C., 28th and 29th Symposium on Molecular Structure and Spectroscopy (to be known as Project No. 3607-A1 - New - Department of Physics).
   Gross Value - $14,000.00.

   Gross Value - $76,500.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

   Gross Value - $30,000.00.

TOTAL - Federal Research Grants $826,231.00

4. State Research Grants

a. Ohio Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio, Evaluation of the Dayton-Montgomery Forensic Psychiatry Center (to be known as Project No. 3595-A1 - New - Division of Public Administration).
   Gross Value - $7,500.00.

b. Ohio Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio, Effective Implementation of the Ascherman Act (to be known as Project No. 3596-A1 - New - Division of Public Administration).
   Gross Value - $15,403.00.

c. Ohio Department of Economic and Community Development, Columbus, Ohio, Minority Business Enterprise Program (to be known as Project No. 3604-A1 - New - College of Administrative Science, Division of Continuing Education).
   Gross Value - $30,000.00.

TOTAL - State Research Grants $52,903.00

5. Industrial and Other Research Grants

a. American Cancer Society, Inc., New York, New York, The Effect of Chemotherapy on Human Macrophage Function (to be known as Project No. 3151-A2 - Ext. #1 - Department of Medicine).
   Gross Value - $26,075.00.

b. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Prolactin Secretion in Carcinoma of the Breast (to be known as Project No. 3581-A1 - New - Department of Medicine).
   Gross Value - $4,995.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

   c. National Endowment for the Humanities, Washington, D. C., Cumulative Location and Artist Index to A. Venturi's "Storia dell' Arte Italiana" (to be known as Project No. 3590-AI - New - The Ohio State University Library). Gross Value - $9,057.00.


   e. American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Grant (to be known as Project No. 3594-AI - New - Department of Pathology). Gross Value - $52,500.00.

   TOTAL - Industrial and Other Research Grants $100,204.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period November 14, 1972 through January 4, 1973.

1. Government Research Contracts

   EES 433X Correlates of Test Driver Measurement and User Accidents, Ohio Department of Transportation, Columbus, Ohio. Gross Value - $24,684.00.

   EES 434X Evaluation of Illumination Designs for Accident Reduction at Nighttime Accident Highway Sites, Ohio Department of Transportation, Columbus, Ohio. Gross Value - $31,200.00.

   EES 345X Use of Latex in Concrete Bridge Decks, Ohio Department of Transportation, Columbus, Ohio. Gross Value - $25,000.00.

   TOTAL - Government Research Contracts $80,884.00
February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

C. Engineering Experiment Station (continued)

2. Industrial Research Contracts


EES 383X  Ext. #5  Development and Study Program for Heat Losses, Columbus and Southern Ohio Electric Company, Columbus, Ohio. Gross Value - $600.00.

TOTAL - Industrial Research Contracts $14,400.00

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through November 30, 1972

<table>
<thead>
<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Solicitation</td>
<td>14,529</td>
<td>$304,436.00</td>
</tr>
<tr>
<td>Major Resources Group</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Individual Gifts</td>
<td>209</td>
<td>$874,552.00</td>
</tr>
<tr>
<td>Corporate Gifts</td>
<td>220</td>
<td>$634,117.00</td>
</tr>
<tr>
<td>Foundation and Non-profit Organization Gifts</td>
<td>168</td>
<td>$544,219.00</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$2,052,888.00</td>
</tr>
</tbody>
</table>

Grand Total 15,126 $2,357,324.00

2. Gifts of $5,000 or More

a. $100,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for the University Activities Center.

b. $24,989.05 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

c. $15,050.00 from General Motors Corporation, Detroit, Michigan, for its scholarship fund.
February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)
   d. $12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for its Professorship in Theoretical Chemistry.
   e. $10,000.00 from The Columbus Foundation, Columbus, Ohio, for the Novice G. Fawcett Chair in Educational Administration.
   f. $6,720.97 from an anonymous donor for research in the College of Medicine.
   g. $6,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for Infectious Disease Research.
   h. $5,000.00 from Ford Motor Company Fund, Dearborn, Michigan, for the Department of Mechanical Engineering.
   i. $5,000.00 from Jasam Foundation, Columbus, Ohio, for research in the College of Education.
   j. $5,000.00 from Parke-Davis & Company, Detroit, Michigan, for research in the College of Medicine.
   k. $5,000.00 from Frances Schwebel Solomon, Youngstown, Ohio, for loans in the College of Medicine.
   l. $5,000.00 from Standard Oil (Indiana) Foundation, Chicago, Illinois: $3,000.00 for Distinguished Teaching Awards and $2,000.00 for the University Emergency Fund.

3. Gift-in-Kind
   a. Equipment from Hobart Brothers Company, Troy, Ohio, for the Department of Welding Engineering.

4. Establishment of Named Funds
   a. $150,000.00 bequest from the Estate of Janet French Houston for the establishment of The Thomas Ewing French Fellowship.

   The Thomas Ewing French Fellowship

   The Thomas Ewing French Fellowship was established February 2, 1973, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Janet French Houston (B.A. '21), late of Newark, New Jersey, in memory of her father, Thomas Ewing French.
II. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

a. The Thomas Ewing French Fellowship (continued)

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

   The income is to be used to establish The Thomas Ewing French
   Fellowship and for the support of the fellowship in the Department
   of Engineering Graphics. The fellows are to be selected and the
   funds used upon the recommendation of the Chairman of the Depart-
   ment of Engineering Graphics and the Dean of the College of Engi-
   neering.

   The fellowship shall be maintained to the extent possible by the
   application of net income derived from the endowment and the Uni-
   versity is authorized to invade the principal amount of the endowment
   as and when it shall be necessary to supplement income to provide
   the amount necessary for the maintenance of the fellowship.

   Should the Department of Engineering Graphics or the College of
   Engineering cease to exist through any reorganization of the Uni-
   versity, then the income may be used by the Board of Trustees,
   with preference being given to the recommendations of the appro-
   priate administrative official of the University who is then directly
   responsible for engineering instruction.

b. $43,246.54 from the Technical Education Foundation for the estab-
   lishment of the Technical Education Foundation Scholarship Fund.

   Technical Education Foundation Scholarship Fund

   The Technical Education Foundation Scholarship Fund was estab-
   lished February 2, 1973, by the Board of Trustees of The Ohio State
   University through a gift of $43,246.54 to The Ohio State University
   Development Fund from the Technical Education Foundation of
   Columbus, Ohio.

   The Trustees of the Technical Education Foundation have acted to
   terminate the existence of the Foundation, and transfer the remain-
   ing, unencumbered assets of the Foundation to The Ohio State
   University Development Fund.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

b. Technical Education Foundation Scholarship Fund (continued)

This sum, $43,246.54, is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this endowment is to be used to provide scholarships, grants, awards, or loans to students from two-year associate degree programs wishing to pursue studies in the areas of engineering or engineering technology. Recommendations for such scholarships, grants, awards, or loans shall be made by the Dean of the College of Engineering.

In the event the need for such student aid should cease to exist or so diminish as to create unused income, then the income may be used by the College of Engineering at the discretion of the Dean, preference to be given, however, to items and services in the area of engineering technology.

c. $39,790.00 from Ione Beaton Krumm for the establishment of The Tahlman Krumm Engineering Memorial Fund.

The Tahlman Krumm Engineering Memorial Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ione Beaton Krumm (Edu-W'36), of Columbus, Ohio, in memory of her husband, Tahlman Krumm (B.C.E. '34), who passed away August 16, 1969.

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

The annual income is to be used as a discretionary fund to further the progress of the Department of Civil Engineering. Disbursements are to be made upon the recommendation of the Chairman of the Department of Civil Engineering and the Dean of the College of Engineering.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

c. The Tahlman Krumm Engineering Memorial Fund (continued)

Should the Department of Civil Engineering or the College of Engineering cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering instruction.

d. $7,950.00 from Mrs. W. Alton Jones, swine organizations, associates, and friends of Harold E. Delong for the establishment of the Harold E. Delong Memorial Scholarship.

Harold E. Delong Memorial Scholarship

The Harold E. Delong Memorial Scholarship was established February 2, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Mrs. W. Alton Jones, swine organizations, associates, and the many friends of the late Harold E. Delong, Columbus, Ohio, Swine Herdsman for the University's Department of Animal Science from 1963 to 1971.

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

Annual income is to be used to provide one or more scholarships from sophomore, junior, or senior students enrolled in the Department of Animal Science who evidence a major interest in the swine industry. Students are to be selected by the University Scholarship Committee upon the recommendations of the Department of Animal Science.

Should the need for such scholarships cease to exist or so diminish as to create unused income, or should the Department of Animal Science cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for animal science education related to the swine industry.

317
D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)
   
e. $3,500.00 from Mrs. Mildred Tapp Brinkley for the establishment of the John Richard Brinkley Memorial Scholarship Fund.

   John Richard Brinkley Memorial Scholarship Fund

The John Richard Brinkley Memorial Scholarship Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Mildred Tapp Brinkley, Bellefontaine, Ohio, in memory of her son, Ensign John R. Brinkley (Eng-W'50), who was killed in action in Korea on December 23, 1950.

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

The annual income shall be added to principal until such time as the principal equals $10,000. After the principal reaches $10,000 the annual income is to be used to provide one or more scholarships for students from Logan and Franklin Counties. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students having demonstrated academic ability and need for financial assistance.

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

f. $1,135.00 from Dr. David H. Stansbery and friends and faculty members of the College of Biological Sciences for the establishment of The Museum of Zoology Fund.

   The Museum of Zoology Fund

The Museum of Zoology Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from David H. Stansbery, Ph.D., Director of the Museum of Zoology, and other friends and faculty members of the College of Biological Sciences.
February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

f. The Museum of Zoology Fund (continued)

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

The annual income is to be used for expeditions, purchase of collections and related expenses of the Museum of Zoology, as determined by the Director of the Museum of Zoology and with the approval of the Dean of the College of Biological Sciences.

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Air Condition Main Library

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 560,733.00</td>
<td>$ 560,133.00</td>
<td>($ 600.00)</td>
</tr>
</tbody>
</table>

Revisions and deletions were made during installation due to conditions found during progress of the job.

The credit on this contract has been reflected in Budget Account 019074 (Air Condition Main Library).

B. Ohio Stadium--Intramural and Recreational Lighting System

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 17,113.00</td>
<td>$ 24,444.85</td>
<td>$ 7,331.85</td>
</tr>
</tbody>
</table>

The deterioration of the concrete at the edge of the "C" Deck made a complete redesign of the supporting structures for the lighting fixtures necessary.

Funds have been provided from Budget Account 801256 (Ohio Stadium Lighting).
February 2, 1973 meeting, Board of Trustees

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

C. University Hospital—Chilled Water Systems Additions

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,064,223.00</td>
<td>$1,079,409.89</td>
<td>$15,176.89</td>
</tr>
</tbody>
</table>

Revisions were made to the original specifications to provide a more effective system.

Funds have been provided from Budget Account 801228 (Hospital Chilled Water System).

D. River Union and Drama Facilities

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,966,287.00</td>
<td>$4,016,903.42</td>
<td>$50,616.42</td>
</tr>
</tbody>
</table>

The installation of a fireplace in the snack room was originally requested as an alternate at time of first bidding; rebid of general contract was necessary and the alternate was not requested at rebid. At a later date the additional funds were made available and the fireplace was installed. Additional revisions were necessary during construction to provide improvements to the fire protection systems made possible by technological advances.

Funds have been provided from Budget Account 801083 (Speech Theater River Union) and Budget Account 801176 (River Union Drama Facility).

E. University College, Building No. 3

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,171,996.00</td>
<td>$2,168,702.45</td>
<td>($3,293.55)</td>
</tr>
</tbody>
</table>

Revisions were made due to conditions found during construction. A sizeable credit was issued for deletion of hot and chilled water lines, since the immediate construction of Building No. 4 made these lines unnecessary.

The credit has been reflected in Budget Account 016055 (HB 886) and Budget Account 801145 (University College, Building No. 3).

F. Graduate Research Center for Biological Sciences

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$6,899,638.00</td>
<td>$6,956,441.77</td>
<td>$56,805.77</td>
</tr>
</tbody>
</table>
February 2, 1973 meeting, Board of Trustees

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

F. Graduate Research Center for Biological Sciences (continued)

Throughout the laboratory areas, at the request of the College, vinyl asbestos tile was added. In the original contract there was no floor finish—the floors were concrete.

Funds have been provided from Budget Account 016031 (Graduate Research Center for Biological Sciences) and Budget Account 801137 (Biological Sciences Building).

Upon motion of Mrs. James, seconded by Dr. Sirak, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Elevator Repairs—Haskett Hall, McCracken Power Plant, McPherson Laboratory

This project will correct deficiencies in the elevators in these buildings to provide for additional safety.

Funds are budgeted in Account 125064 (Contract Repair).

B. Goss Laboratory, Law Building, Robinson Laboratory—Interior Maintenance

This project will accomplish the necessary painting, plastering, vinyl wall covering and related work as required.

Funds are budgeted in Account 125064 (Contract Repair).

C. Goss Laboratory—Partial Remodeling

This job was submitted for approval June 2, 1972, but after receipt of Federal Grant, modifications were found to be necessary to provide conformity with the expanded program.

This project involves extensive renovation of numerous existing spaces, including air conditioning, electrical systems, and general improvements to animal rooms and laboratories.

Funds are budgeted in Account 801293 (Goss Laboratory—Partial Remodeling).
February 2, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

D. Laneview Service Center--Railroad Siding

This project will replace the Stadium Drive railroad siding which served the University's warehouse and power plant. Siding was removed due to the construction of the Olentangy Freeway.

Funds are budgeted in Account 801211, to be reimbursed from State of Ohio for land use agreement for the construction of the Olentangy Freeway.

E. Mansfield Campus--Repair and Resurface Parking Facilities

This project will repair the existing surface treated parking lots to provide a stable base to prevent any unnecessary deterioration.

Funds are budgeted in Account 120942 (Mansfield Fund).

F. McCracken Power Plant--Electrical Utility Tie

This project will provide an increase in the electrical capacity available to the distribution system centered at McCracken Power Plant.

Funds are budgeted in HB 988, originally appropriated in SB 457 (Utilities and Renovation).

G. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

This project will consist of removing the remnants of the existing surface, as well as the unstable portions of the base material. The subdrainage system is to be expanded to prevent a reoccurrence of the current deterioration.

Funds are budgeted in Account 125064 (Contract Repair).

H. University Hospital--New Desuperheating Station, North Wing

This project will update the steam distribution system in the Medical Center Complex to provide an alternate steam supply of greater capacity to the Medical Center.

Funds are budgeted in Account 960200 (Hospital Rotary).

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.
VI. REPORT OF AWARD OF CONTRACTS

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

A. Arps Hall, Chemical Engineering, Denney Hall, Hamilton Hall--Interior Maintenance

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$60,566.00</td>
<td>$66,200.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

B. McCracken Power Plant--Additional Fuel-Oil Storage Tanks

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$45,100.00</td>
<td>$47,135.00</td>
</tr>
</tbody>
</table>

Plumbing Contract

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$66,350.00</td>
<td>$75,900.00</td>
</tr>
</tbody>
</table>

Total All Contracts $111,450.00 $123,035.00

Funds for this project have been provided from Budget Account 801270 (Power Plant--Fuel-Oil Storage Tanks).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

* * * *

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - WOSU-TV - Underground Electric Line, Columbus and Southern Ohio Electric Company

The Columbus and Southern Ohio Electric Company has requested a 10-foot easement across Board of Trustees lands at 6680 North 3C Highway, Westerville, Ohio, to provide power to the site of the new WOSU-TV transmitter.
February 2, 1973 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Easement - WOSU-TV - Underground Electric Line, Columbus and Southern Ohio Electric Company (continued)

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to act on behalf of the University to sign the necessary legal instruments to provide for the installation of this electric service.

B. Easement - Electric Line Anchor Easement, Columbus and Southern Ohio Electric Company

The Columbus and Southern Ohio Electric Company has requested an easement to provide for the installation of an anchor on University lands opposite 2530 Olentangy River Road. The anchor will support an additional electric line supplying power to the new Chemical Abstracts Building.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the anchor at the standard easement charge established by that office.

C. Purchase of Rinhart Collection of Daguerreian Art

Floyd and Marion Rinhart have brought together a collection of more than 1,800 historic images, some 1,160 of them daguerreotypes, depicting the period 1839 through 1865. The collection is catalogued and indexed in such a way as to make it valuable for research in many areas aside from photography. Sociology, history, art history, Black history, social psychology, and others will find a wealth of primary resource material.

The Rinharts have made an offer to sell the collection to the University. The Development Fund has been successful in interesting donors who have provided funds for the purchase of the Rinhart Collection.

President Enarson recommended that this purchase be approved and that the Acting Vice President for Administrative Operations be authorized to purchase this collection in accordance with the letter of November 14, 1972, addressed to Floyd and Marion Rinhart. Payment is to be made from Budget Account 523155. Payment will be made in ten annual installments of $12,500, beginning in 1973, for a total of $125,000.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.
VIII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Josephine Bye Lord, Instructor Emeritus in the Department of English; Charles Frederick Mate, Associate Professor in the Department of Physics; and Harald Herborg Nielsen, Professor Emeritus in the Department of Physics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Josephine Bye Lord

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 12, 1973, of Josephine Bye Lord, Instructor Emeritus in the Department of English.

Mrs. Lord was born in Canton, Ohio. She received her A.B. and M.A. degrees from The Ohio State University. She taught English and History in the Worthington High School in 1926-27. Between 1943 and 1945 she served as Librarian of the Lord Hall Library. She served as an Instructor in the English Department from 1946 to 1966, when she retired as Instructor Emeritus. She was a member of Phi Beta Kappa and an honorary member of Chi Delta Phi.

Mrs. Lord's teaching responsibilities were in the area of Freshman English, where her intelligence, skill, and kindness made her one of our most valued and respected teachers, admired by her colleagues and her students.

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

B. Charles Frederick Mate

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 6, 1972, of Charles Frederick Mate, Associate Professor in the Department of Physics.

Dr. Mate was born in Buffalo, New York, on September 14, 1931. His parents returned to England when he was still a child and he was educated there, receiving his B.A. from Pembroke College of Oxford University in 1955 and his D. Phil. from Oxford University in 1958.

From 1958 to 1961 Dr. Mate was Assistant Professor of Physics at McMaster University in Canada. He came to Columbus in 1961 as Visiting Assistant Professor in the Department of Physics. In 1963 he was appointed Assistant Professor of Physics and in 1965 became Associate Professor of Physics. In the summer of 1965 he was a Visiting Research Fellow at the University of St. Andrews in Scotland.
February 2, 1973 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Charles Frederick Mate (continued)

Dr. Mate served his Department and the University in many ways. His cheerful personality, fine sense of humor, and deep interest in students all contributed to his reputation as an excellent teacher of both undergraduate and graduate students. For the past five years Dr. Mate had had general supervisory responsibility for a key introductory course sequence in the undergraduate curriculum. He also taught a number of advanced and graduate level courses and supervised the research of eight students who received the M.S. degree and six who received the Ph.D. degree. The research carried out by Dr. Mate and his students has been widely recognized as having made some fundamental contributions to the field of Low Temperature Physics. Dr. Mate served also on many Departmental Committees, including the Curriculum Committee and the Committee on Instructional Improvement, and was in the process of writing a book entitled Principles of Physics.

Dr. Mate was a member of various professional organizations, including the Canadian Association of Physicists from 1958-61, the American Association of Physics Teachers, and the American Physical Society.

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

B. Harald Herborg Nielsen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 8, 1973, of Harald Herborg Nielsen, Professor Emeritus in the Department of Physics.

Dr. Nielsen was born in Menominee, Michigan, on January 25, 1903. He attended St. Olaf College and the University of Michigan receiving the B.S. in 1926, the M.A. in 1927, and the Ph.D. in 1929.

After a year as American-Scandinavian Fellow at the Bohr Institute in Copenhagen, he came to The Ohio State University as Instructor in the Department of Physics in 1930. He progressed through the academic ranks and became Professor of Physics in 1943. In 1946 he became Chairman of the Department, a position he held with great distinction for the next twenty-one years.

During his career, Dr. Nielsen authored some 125 scientific papers and directed the research of 100 graduate students in the field of infrared molecular spectroscopy. He was Editor of the Journal of Molecular Spectroscopy and an Associate Editor of the Physical Review and of The Journal of Chemical Physics. He was one of the originators of The Symposium on Molecular Structure and Spectroscopy which has met at Ohio State annually since 1946.
February 2, 1973 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Harald Herborg Nielsen (continued)

Dr. Nielsen served as member and chairman of several commissions of the International Union of Pure and Applied Physics and of the National Academy of Sciences National Research Council. He was Science Attaché in the U. S. Embassy in Sweden in 1952-53 and Science Consultant to the U. S. Secretary of State from 1958 to 1966.

Among the many honors he received are the Medal of the University of Liege, the Cross of Leopold (Belgium), the Cross of Order of Knights of Dannebrog (Denmark), and an honorary Ph. D. from the University of Dijon.

Dr. Nielsen was an honorary member of the Society for Applied Spectroscopy; a fellow of the American Physical Society and the American Association for the Advancement of Science; a member of the American Association of Physics Teachers, American Astronomical Society, Optical Society of America, Royal Danish Academy, Société Française de Physique, Royal Society of Physics of the University of Liege, Phi Beta Kappa, Sigma Xi, and Sigma Pi Sigma.

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

IX. REPORTS

A. Report on Action Taken by Ohio Board of Regents

President Enarson reported that the Ohio Board of Regents at the meeting on December 17, 1972, approved the

New degree program Doctor of Arts in Economics submitted by The Ohio State University.

B. Report on the University's Investment Portfolio

The report dated February 1, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.
February 2, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1973, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman
APPENDIX VI

REAL ESTATE PURCHASE CONTRACT

and

CLOSING AGREEMENT AND AFFIDAVIT
REAL ESTATE PURCHASE CONTRACT

THIS AGREEMENT, made and entered into as of the ______ day of
_____________ 1973, by and between H. H. VAN METER and RUTH E.
VAN METER, husband and wife, hereinafter collectively referred to as "Seller"
and the Board of Trustees of THE OHIO STATE UNIVERSITY, hereinafter referred
to as "Buyer".

WITNESSETH:

WHEREAS, Seller is desirous of selling the residential property located at
285 Croswell Road, Columbus, Ohio, to Buyer and Buyer is desirous of purchasing
said property, on the terms and conditions hereinafter set forth;

NOW, THEREFORE, in consideration of the mutual covenants contained herein,
it is agreed that:

1. PREMISES CONVEYED. Seller will sell and Buyer will purchase the real
property located in the State of Ohio, County of Franklin, City of Columbus, known
as 285 Croswell Road and more fully described as follows:

   Being Lot No. 17 of the Roselea Subdivision as recorded in Plat
Book 27, Page 40, Recorder's Office, Franklin County, Ohio.

2. CLOSING AND POSSESSION. This contract shall be performed and the
transaction shall be closed within ninety days after the execution hereof unless an
extension of time is mutually agreed upon. Possession by the Buyer may take place
as soon after closing as mutually convenient but no later than June 1, 1973. The
closing shall be held at such time and place in Franklin County, Ohio, as Buyer
shall designate.

3. EVIDENCE OF TITLE. For the real property to be conveyed Seller shall,
at Seller's option, furnish and pay for,
Real Estate Purchase Contract (continued)

(a) A complete original abstract of title extended to a date not earlier than ten days before the closing, certified in accordance with the Standards of the Columbus Bar Association; or

(b) An owner's closing title insurance commitment certified to a date not earlier than ten days before the closing, and after the closing an owner's title insurance policy, an ALTA Owners Form B-1970, or its equivalent, in the amount of the total purchase price.

(c) Said abstract or said commitment shall show in Seller and the policy shall insure in Buyer a good and merchantable title in fee simple free and clear of all liens and encumbrances except: (1) those created by or assumed by Buyer; (2) those specifically set forth in this contract; (3) zoning ordinances; (4) legal highways; and (5) restrictions, conditions and utility easements of record created or reserved as a part of a general plan in and for the subdivision in which said property is located, provided the same are acceptable to Buyer.

(d) If title insurance is used, the entire cost of all commitments and title insurance policies issued in accordance with this contract and the cost of the title examinations made for said purposes shall be paid by Seller. Surveys and subdivision or parcel plats shall be paid for by Buyer.

(e) If the title to all or part of the real property to be conveyed is defective or unmerchantable, or if any part of the real property is subject to liens, encumbrances, easements, conditions or restrictions other than those excepted in this contract, or in the event of any encroachment, Seller shall have a reasonable time, not to exceed thirty (30) days, after written notice thereof, within which to remedy or remove any such defect, lien, encumbrance, easement, condition, restriction or encroachment, or obtain title insurance against the same.
4. **PRICE.** The purchase price shall be One Hundred Forty Thousand Dollars ($140,000) in cash at closing.

5. **TAXES AND ASSESSMENTS.** Seller shall pay all delinquent taxes, penalties and interest, and all special assessments now a lien, both current and reassessed and whether due or to become due.

   Seller shall pay or credit on the purchase price, all real estate taxes for years prior to the closing, and a portion of such taxes for the year of closing, prorated through the date of closing. The pro-rataion of undetermined taxes shall be based on a 365 day year and on the last available tax rate and valuation, and the amounts so computed and adjusted shall be final.

   Except as hereinafter set forth Seller warrants that all assessments now a lien are shown on the Treasurer's duplicate and that no improvements (site or area) have been installed by public authority the cost of which is to be assessed against said premises in the future; and Seller further warrants that he has not been notified of possible future improvements by public authority, any part of the cost of which would or might be assessed, against the real property.

6. **DEED.** Seller shall convey to Buyer a good and merchantable title in fee simple to the real property by transferrable and recordable general warranty deed, with release of dower, free and clear of all liens and encumbrances, except those excepted in paragraph 3(c), above. Title shall be conveyed to "The State of Ohio for the use of The Ohio State University".

7. **FIXTURES AND EQUIPMENT.** The premises conveyed shall include in working condition all water softeners, electric garbage disposals, inside incinerators, kitchen appliances, television aerials, meters, furnaces, firing and furnace control apparatus, central airconditioning equipment, intercom systems, fireplace heaters, heating appliances, gas, electric, lighting, bathroom and lavatory fixtures, built-in
equipment, refrigerators located in the kitchen and in the family room, automatic washer, automatic dryer, kitchen ranges, ovens, attached or affixed linoleum and tile floor covering, pergolas, arbors, shrubs, plants, trees, awnings, fly screens, window shades and blinds, curtain rods and poles, auxiliary doors and windows, porch blinds, screens, awnings, pertaining to the premises, whether now in or on the premises or in storage, carpets, drapes, metal shelving and metal storage cabinets.

8. **WATER, SEWER AND STREET CLEANING BILLS.** Seller shall pay all accrued water and sewer rental charges and all outstanding street cleaning bills to the closing date.

9. **DAMAGE OR DESTRUCTION OF PROPERTY.** Risk of loss to the real property and appurtenances from fire or other casualty shall be borne by Seller until closing, provided that if said property is substantially damaged or destroyed by fire or other casualty prior to the closing of the transaction, Buyer may (1) elect to proceed with the transaction in which event the Buyer shall be entitled to all insurance money, if any, payable to Seller under any and all policies of insurance covering the property so damaged or destroyed, or (2) elect to rescind the contract in which event all parties hereto shall be released from all liability hereunder. If Buyer elects to rescind the contract, it shall so notify Seller in writing within ten (10) days after Buyer has written notice of such damage or destruction; failure by Buyer to so notify Seller shall constitute an election to proceed with the transaction.

Seller will at his expense have the premises inspected by a qualified exterminator and provide to Buyer a certification that there is no insect, rodent or pest infestation of the premises or damage resulting therefrom. If such certification discloses any such infestation or damage, Seller will, at his cost, cause such infestation or damage to be eliminated or repaired prior to the closing, in workmanlike manner and to the reasonable satisfaction of Buyer.
Real Estate Purchase Contract (continued)

10. GENERAL PROVISIONS. This contract shall be governed by the laws of the State of Ohio.

The obligations of Buyer hereunder are conditioned upon approval of the expenditure herein contemplated by the Ohio Board of Regents and by the Controlling Board of the State of Ohio.

This contract is not assignable by either party without the written consent of all other parties hereto.

All warranties, representations and covenants herein contained shall survive the closing and if said deed and this contract are inconsistent, the provisions of this contract shall control.

In no event will Buyer be responsible for any commissions claimed as a result of this transaction. Seller agrees to hold harmless and indemnify Buyer against any and all costs including attorneys fees which may arise as a result of any such claim.

At the closing, Seller shall deliver to Buyer a closing agreement and affidavit in the form attached hereto and incorporated herein which may except liens and encumbrances not inconsistent with the other provisions of this contract.

THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY

By: ____________________________ Buyer

H. H. Van Meter

Ruth E. Van Meter Seller
CLOSING AGREEMENT AND AFFIDAVIT

State of Ohio
County of Franklin, ss:

_____________________, hereinafter designated owner, whether one or more than one, and if a corporation or partnership its official who signs these presents, being first duly sworn and cautioned according to law, deposes and states that in possession of and the owner in fee simple of the following described real estate:

That owner has not been notified within the period of two years immediately preceding the date hereof, of contemplated improvements to said premises by public authority, the cost of which are to be assessed as special taxes against said premises in the future; that no unpaid improvements which might ripen into a mechanics lien have been made to said premises within the sixty days immediately preceding the date hereof; that owner has no knowledge of off record or undisclosed legal or equitable interest in said property owned by any other person, firm or corporation; that owner, except during minority, has never been and is not now under legal disability; that all former spouses, if any, of owner are deceased or such prior marriages legally terminated by divorce; that the rights of tenants, if any, in said premises, have been fully disclosed to purchaser; that the abstract of title furnished for said premises is correct to the best of owner's knowledge and belief; that the only encumbrances upon the title to said premises are:

that no improvements to said premises have been financed by F.H.A. Title loan or loans; that the improvements on said premises are located within the lot lines and owner, with respect to said improvements has knowledge of no structural or other defects, infestation by termites or other destructive insects, or uncompiled with orders of civil authority having jurisdiction, and that owner warrants the improvements to be free of structural or other defects; that all utility service lines serving said premises are located within the premises sold and conveyed, within lands dedicated to public use or recorded easements for the same, and that no such lines cross other private property unless the same are installed pursuant to recorded easements; that, if owner is a partnership or corporation, its officials consummating this transaction are properly authorized to do so, and agree that said partnership or corporation as well as said officials and the signatory hereto shall be bound by these presents; that all of the above matters, statements and representations are made to supplement the contract of sale this date being performed, and in consideration of and for the purpose of inducing _______ to consummate the purchase of said premises this date, and that the said purchasers may rely hereon, and that previous representations, whether oral or written, and the warranties of title made in the deed for said premises to the said purchasers this date, shall not void or limit the representations made herein.

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Closing Agreement and Affidavit (continued)

Further affiant saith not.

__________________________
__________________________

Sworn to before me and subscribed in my presence this _____ day of 

__________________________
Notary Public

337
Columbus, Ohio, March 2, 1973

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of Six Divisions in the College of Pharmacy

The University Senate on February 13, 1973, approved the recommendation from the Council on Academic Affairs pursuant to Rule 13.0501 of Rules for the University Faculty that the College of Pharmacy be organized into six Divisions, effective July 1, 1973.

Since the College is involved in many diverse educational efforts at several levels, e.g., undergraduate, graduate, and continuing education, and research; organization of these functions into Divisions to facilitate a more effective academic and administrative structure within the College is seen as highly desirable. The Divisional structure would provide more appropriate visibility of the several areas of instruction, research, and scholarly endeavor within the College, particularly at the graduate level.

The proposed Divisions are as follows:

Division of Administrative and Social Sciences
Division of Clinical Pharmacy and Professional Practice
Division of Medicinal Chemistry
Division of Pharmaceutics and Pharmaceutical Chemistry
Division of Pharmacognosy and Natural Products Chemistry
Division of Pharmacology

President Enarson recommended that the Divisions for the College of Pharmacy, as recommended by the University Senate, be approved.

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

B. Degrees and Certificates Conferred--Winter Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 16, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 363.)

Upon motion of Mr. Shocknessy, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Football Tickets--Price Modification

The Athletic Council recommends the following price changes for football tickets, effective with the 1973 season:
March 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Football Tickets--Price Modification (continued)

(1) Games scheduled two Saturdays or more prior to the opening of the Autumn Quarter classes will not be included in the student season football ticket.

(2) Accordingly, the price of the student season football ticket will be reduced from $14 to $12 and the cost of the second season ticket for a non-student spouse will be $16.

(3) Students will be provided with the opportunity to purchase individual tickets for themselves and their non-student spouse for the home games which are scheduled two Saturdays or more prior to the opening of Autumn Quarter at $3 per ticket.

(4) Individual game reserved seats and some box seats which were priced at $6 will be increased to $7 per ticket.

(5) The remaining individual game box seats will be increased from $7 to $8 per ticket.

(6) The price of season tickets for faculty and staff will continue unchanged since the price of these tickets was increased in 1971.

The Athletic Council further recommends that the additional income derived from these price modifications be reserved for major maintenance and renovation programs for the Ohio Stadium which would include such possible items as treatment and painting of the exterior concrete face and exposed structural steel components, modification of public lavatories, and replacement of some of the present seats.

President Enarson recommended that the Board of Trustees approve the ticket policy and price changes as proposed by the Athletic Council.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

D. Honorary Degree

President Enarson recommended under Section 3, Rule 11.05, and after consultation with the Steering Committee of the University Senate, that the honorary degree, Doctor of Laws, be conferred on Phillip R. Shriver, President of Miami University, at the March 16, 1973 Commencement.

Upon motion of Dr. Sirak, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.
III. PERSONNEL CHANGES

Personnel changes since the February 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Retirement, Promotion, Leaves of Absence Without Salary, and Emeritus Title:

A. Retirement

James R. McCoy has requested retirement from the Deanship of the College of Administrative Science and from the Professorship on the Academic Faculty of Accounting, effective July 1, 1974. Dean McCoy will receive the full retirement benefits which accrue to principal administrative officials.

B. Promotion

Marvin R. Zahniser from Associate Professor, Department of History, to Associate Professor and Chairman of the Department of History, effective March 1, 1973, at a salary of $24,048.00 per annum (three-quarter appointment), and promotion of Dr. Zahniser from Associate Professor to Professor, effective April 1, 1973.

C. Leaves of Absence Without Salary

John C. Burnham, Professor, Department of History, effective April 1, 1973 through September 30, 1973, to accept a Fulbright lectureship in Australia.

Kathel A. Kerr, Associate Professor, Department of History, effective April 1, 1973 through June 30, 1973, to accept a Fulbright lectureship in Japan.

Margaret E. Griffiths, Instructor, Cooperative Extension Service, effective January 16, 1973 through March 16, 1973, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Title

Leota L. Balsizer, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1973.

President Enarson recommended that the Retirement, Promotion, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
March 2, 1973 meeting, Board of Trustees

III. SPECIAL REPORT

A. Alcoholic Beverages - University Residential Facilities

President Enarson presented the following report:

I wish to announce at this time a modification in the existing University regulations on the possession and use of alcohol on this campus. Because of the many expressions of concern which I continue to receive, both from our students living on this campus as well as those charged with responsibility for management of our residential facilities, I have devoted a substantial amount of time examining this issue.

After a comprehensive review, numerous discussions, and a great deal of reflection, I am now convinced that the best course at this time is to extend to the students who reside within University residential facilities the privileges and responsibilities which are provided by the laws governing alcoholic beverages in the State of Ohio.

Accordingly, I am announcing the following revision in this University's policy relating to the possession and consumption of alcohol on campus.

In accordance with authority vested in me by Board action in October 1970, I am specifically authorizing the possession and consumption of alcoholic beverages in individual student rooms and apartments on campus provided that each residential unit desiring the availability of alcohol develop an approved plan fully consistent with local, state, and federal laws before such permission is granted. To receive approval, such plans must incorporate appropriate safeguards to assure (1) that such consumption will be restricted to student rooms and apartments and (2) that the rights of individuals to whom the use of alcohol is offensive will be fully respected.
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the February 2, 1973 meeting of the Board be accepted.

SUMMARY

<table>
<thead>
<tr>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
<td>14 $732,715.00</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>21 1,390,880.00</td>
</tr>
<tr>
<td>The Engineering Experiment Station</td>
<td>1 11,654.00</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>4,286 1,157,742.00</td>
</tr>
</tbody>
</table>

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

A. Office of Finance and Treasurer

1. Contracts and Grants

   a. $177,492.00 additional grant by United States of America, Agency for International Development, Washington, D. C., to the University for USAID/Brazil project, College of Agriculture and Home Economics, for the period January 1, 1973 through December 31, 1973. (Contract No. AID/la-161 [Brazil], Amendment No. 13)

   b. $158,399.00 additional grant by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for support of the ERIC Clearinghouse on Vocational and Technical Education, under the direction of The Center for Vocational and Technical Education, for the period December 31, 1972 through August 31, 1973. (Contract No. OEC-0-70-1214, Modification No. 6)

   c. $90,443.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05409-12)

   d. $78,036.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 1 7 45 0430 15 1)

   e. $60,055.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 2 7 45 0430 15 1)

   f. $56,139.00 additional grant by National Science Foundation, Washington, D. C., to the University for Institutional Grant for Science, under the direction of the Graduate School. (Grant GU-3637, Amendment No. 3)

   g. $30,406.00 granted by National Science Foundation, Washington, D. C., to the University for support of a Cooperative College-School Science Program, under the direction of the Academic Faculty of Science and Mathematics Education. This grant will expire July 31, 1974. (Grant GW-7984, Proposal No. 3/1355)
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

   h. $25,116.00 granted by National Science Foundation, Washington, D. C., to the University for support of a Cooperative College-School Science Program, under the direction of the Academic Faculty of Early and Middle Childhood Education. This grant will expire July 31, 1974. (Grant GW-8012, Proposal No. 3/1370)

   i. $24,922.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Careers of Ohio - Operation MEDIHC, under the direction of the College of Medicine. This grant expires September 30, 1973. (Contract No. NIH 72-4026, Modification No. 2)

   j. $17,955.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 SO1 RR05607-07)

   k. $4,990.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (L.D. No. 47 45 0430 15 1)

   l. $4,282.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (L.D. No. 77 45 0430 15 1)

   m. $3,500.00 granted by Small Business Administration, 1441 L Street, N. W., Washington, D. C., to the University to provide management counseling and technical assistance to small business concerns, under the direction of the College of Administrative Science. (Contract No. SBA-1568-PMA-73)

   n. $1,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for U. S. Loan Program for Cuban Students, under the direction of the Office of Student Financial Aids, for the Spring Quarter, 1973. (Appropriation No. 7530573)
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period January 1, 1973 through January 31, 1973.

1. Federal Research Contracts

      Gross Value - $240,000.00.

      Gross Value - $65,000.00.

   c. Agency for International Development, Washington, D.C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDC's (to be known as Project No. 2871 - Amend. #7 - Department of Agricultural Economics and Rural Sociology).
      Gross Value - $280,000.00.

      Gross Value - $31,719.00.

      Gross Value - $60,000.00.

      Gross Value - $44,000.00.

TOTAL - Federal Research Contracts $720,719.00
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contract

a. Ohio Department of Industrial Relations, Columbus, Ohio, Feasibility Study of a Cooperative Ohio/Federal Occupational Safety and Health (OSHA) Statistical Program (to be known as Project No. 3612-A1 - New - College of Administrative Science, Division of Continuing Education), Gross Value - $54,766.00.

3. Industrial and Other Research Contracts

a. Edison Electric Institute, New York, New York, Stress Corrosion Cracking of Stainless Steels and Inconels (to be known as Project No. 3507-A1 - Ltr. dtd. 12/28/72 - Department of Metallurgical Engineering), Gross Value - $300,000.00.

b. AVCO Precision Products, Richmond, Indiana, Wind Tunnel Tests of Axisymmetric Wind Tunnel Shapes (to be known as Project No. 3587-A1 - New - Department of Aeronautical and Astronautical Engineering), Gross Value - $13,548.00.

c. University of Dayton, Research Institute, Dayton, Ohio, Providing Services to Air Force Flight Dynamics Laboratory (to be known as Project No. 3613-A1 - New - Department of Civil Engineering), Gross Value - $2,750.00.

d. The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, Evaluation Component of the Consolidated Emergency Medical Services System for Southeastern Ohio (to be known as Project No. 3614-A1 - New - Department of Preventive Medicine), Gross Value - $121,956.00.

e. The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, Education Component of the Consolidated Emergency Medical Services System for Southeastern Ohio (to be known as Project No. 3615-A1 - New - Department of Preventive Medicine), Gross Value - $32,805.00.

f. Centerville Public Schools, Centerville, Ohio, Audit Services to the Centerville Public Schools (to be known as Project No. 3617-A1 - New - Academic Faculty of Educational Development), Gross Value - $5,000.00.

TOTAL - Industrial and Other Research Contracts $476,059.00
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants

a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Control of Activity of Cardiac and Smooth Muscle (to be known as Project No. 874-N - Ext. #14 - Department of Physiology).

Gross Value - $20,404.00.

b. Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as Project No. 887-N - Ext. #14 - Department of Psychology).

Gross Value - $27,104.00.

c. National Science Foundation, Washington, D. C., Photoelectric Spectrophotometry of X-Ray Sources, Non-Thermal Sources and Other Inhomogeneous Gaseous Nebulae (to be known as Project No. 2974 - Amend. #2 - Department of Astronomy).

Gross Value - $13,700.00.


Gross Value - $23,900.00.

e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Potentially Therapeutically Useful NAD Antagonists (to be known as Project No. 3351-A2 - Ext. #1 - Department of Chemistry).

Gross Value - $22,228.00.

TOTAL - Federal Research Grants $107,336.00

5. Industrial and Other Research Grants


Gross Value - $10,000.00.
March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

b. The Duriron Company, Inc., Dayton, Ohio, The Ductility of Alloy Castings (to be known as Project No. 3366-A1 - Ltr. dtd. 1/5/73 - Department of Metallurgical Engineering). Gross Value - $12,000.00.

c. The Deafness Research Foundation, New York, New York, X-Ray Microanalysis of Inner Ear Tissue (to be known as Project No. 3608-A1 - New - Department of Otolaryngology). Gross Value - $10,000.00.

TCTOTAL - Industrial and Other Research Grants $32,000.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contract during the period January 5, 1973 through February 6, 1973.

1. Industrial Research Contract


D. The Ohio State University Development Fund

1. Report for July 1, 1972 through December 31, 1972

<table>
<thead>
<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Grand Total</th>
</tr>
</thead>
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<tr>
<td>General Solicitation</td>
<td>18,585</td>
<td>$422,326.00</td>
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<tr>
<td>Major Resources Group</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Individual Gifts</td>
<td>356</td>
<td>$1,574,137.00</td>
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<td>Corporate Gifts</td>
<td>260</td>
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<tr>
<td>Foundation and Non-profit Organization Gifts</td>
<td>211</td>
<td>758,596.00</td>
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<tr>
<td>Total</td>
<td></td>
<td>$3,092,740.00</td>
</tr>
<tr>
<td>Grand Total</td>
<td>19,412</td>
<td>$3,515,066.00</td>
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</tbody>
</table>
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More

a. $50,078.49 from Comly Coleman Memorial Almshouse, Columbus, Ohio, for literature for the College of Medicine.

b. $50,222.83 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

c. $92,000.00 from the Trust Under the Will of Anna Boessler, Columbus, Ohio, for scholarships in the College of Medicine.

d. $20,788.75 from Mr. Wilbert E. Chope, Coral Gables, Florida: $12,905.50 for the Ophthalmologic Center and $8,431.25 for the College of Engineering.

e. $20,000.00 from the Charitable Trust of Bertha T. Johnson, Columbus, Ohio, for purchase and preservation of books for the College of Law.

f. $18,000.00 from the Edward C. and Hazel I. Stephenson Foundation, Grosse Pointe Woods, Michigan, for its scholarship fund.

g. $13,129.30 from Children's Hospital - Dispatch Charities, Columbus, Ohio, for scholarships in the College of Law.

h. $13,082.50 from Mr. Peter H. Edwards, Jr., Columbus, Ohio: $7,000.00 for aid to student athletes and $6,082.50 for the University Activities Center.

i. $13,020.00 from Mr. John Charles Martin, Worthington, Ohio, for assistance to the College of Administrative Science, Academic Faculty of Accounting.

j. $12,806.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.

k. $12,000.00 from the Estate of William H. Heimberger, Columbus, Ohio, for its fund for the Department of Metallurgical Engineering.

l. $10,960.63 from the Estate of Arvand C. Stambaugh, Lima, Ohio, for research in the College of Optometry.

m. $10,550.00 from Bell Laboratories, Columbus, Ohio, for research in the College of Engineering.
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)

n. $10,500.00 from the Edgar W. Ingram Foundation, Columbus, Ohio: $10,000.00 for the University Activities Center and $500.00 for aid to student athletes.

o. $10,500.00 from Mead Johnson & Company, Evansville, Indiana: $5,500.00 for support of the Eye Bank at the University Hospitals and $5,000.00 for research in the College of Veterinary Medicine.

p. $10,264.36 from the Barnebey Foundation, Columbus, Ohio, for support of the Center in the School of Natural Resources.

q. $10,000.00 from Dollar Federal Savings and Loan Association, Columbus, Ohio, for the University Activities Center.

r. $10,000.00 from Payne Fund, Inc., Cleveland, Ohio, for research in the College of Education.

s. $10,000.00 from Porthouse Foundation Income Account, Kent, Ohio, for support for the University Activities Center.

t. $9,762.19 from Mr. Paul G. Eckelberry, Columbus, Ohio, for a purpose to be designated at a later date.

u. $8,113.60 from Dr. Bernard S. Snyder, Columbus, Ohio, for support of teaching and research in the College of Dentistry.

v. $7,943.45 from the Estate of Melvin E. Moffitt, San Antonio, Texas, to establish an unrestricted fund.

w. $7,412.50 from an anonymous donor: $6,015.94 for support for the Rinhardt Collection, $698.28 for support for the College of The Arts, and $698.28 for research in Dairy Science.

x. $7,013.00 from the Charles F. High Foundation, Bucyrus, Ohio, for its scholarship fund.

y. $6,763.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.

z. $5,003.75 from Mr. Robert M. Critchfield, Pontiac, Michigan: $3,509.00 for the Flavelle Chair in Educational Administration and $2,504.75 for the College of Engineering.
IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)
   
   aa. $6,000.00 from Miles Laboratories, Inc., Elkhart, Indiana, for research in the College of Medicine.

   bb. $5,868.75 from Mrs. Ethel B. Peterson, Cleveland, Ohio, for a purpose to be designated at a later date.

   cc. $5,868.75 from Dr. James S. Reid, Hudson, Ohio, for support for the College of Medicine.

   dd. $5,297.63 from Mr. and Mrs. Cyrus H. Sedgwick, Columbus, Ohio, for research in the College of Medicine.

   ee. $5,130.00 from Mr. Edward E. Montgomery, Jr., Columbus, Ohio, for support of programs in the College of The Arts.

   ff. $5,086.25 from Mr. James C. Donnell, II, Findlay, Ohio, for the Charles Austin Doan Chair in the College of Medicine.

   gg. $5,000.00 from the Clow Foundation, Chicago, Illinois, for research in the College of Medicine.

   hh. $5,000.00 from William P. and Pauline J. Deisel Scholarship Loan and Trust, Lima, Ohio, for its scholarship and loan fund.

   ii. $5,000.00 from Grange Mutual Casualty Company, Columbus, Ohio, for scholarships in the College of Administrative Science.

   jj. $5,000.00 from George Gund Foundation, Cleveland, Ohio, for aid for 4-H.

   kk. $5,000.00 from Mrs. Grace M. Lawson, Buffalo Grove, Illinois, for scholarships and loans.

   ll. $5,000.00 from Dr. Chester C. Winter, Worthington, Ohio, for research in the College of Medicine.

3. Gift-in-Kind

   a. A Douglas DC-3 aircraft from Wolfe Industries, Columbus, Ohio.
March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds
   a. $10,000.00 from Mrs. Ervin H. Pollack for the establishment of The Ervin H. Pollack Memorial Scholarship Fund.

   The Ervin H. Pollack Memorial Scholarship Fund

   The Ervin H. Pollack Memorial Scholarship Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Ervin H. Pollack, M.A. '65, Columbus, Ohio, in memory of her husband, Ervin H. Pollack.

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

   The annual income is to be used to provide one or more scholarships for students enrolled in the College of Law who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law.

   Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Dean of the College of Law.

   b. $10,000.00 from Helen Hummell Sitterley and Kermit C. Sitterley for the establishment of The Helen H. and Kermit C. Sitterley Fund.

   The Helen H. and Kermit C. Sitterley Fund

   The Helen H. and Kermit C. Sitterley Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Helen Hummell Sitterley, B.S. '32, and Kermit C. Sitterley, B.S. '31, J.D. '33, Lancaster, Ohio.

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

   The income or principal is to be used for the benefit of the College of Law as recommended by the Dean of the College of Law.
D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

b. The Helen H. and Kermit C. Sitterley Fund (continued)

Should the College of Law cease to exist, through any reorganization of the University, then the income or principal may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for law education.

c. $1,000.00 from Howard N. Bullock for the establishment of The Guy H. Bullock Memorial Fund.

The Guy H. Bullock Memorial Fund

The Guy H. Bullock Memorial Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Howard N. Bullock, B.S. '40, J.D. '43, Columbus, Ohio, in memory of his father, Guy H. Bullock.

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

The annual income is to be added to the principal until the fund reaches $10,000. At that time, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Law.

Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law. In any year, the Dean of the College of Law determines the income is not needed for scholarship purposes, he may designate the income for any other use which will be for the best interest of the College of Law and its student body.

Should the College of Law cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for law education.
March 2, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Improvements for the Handicapped - Phase III

(Building Improvements - Elevator)

Phase I of the project provided for modification of curbs and building of access ramps throughout the campus. Phase II provided for the purchase of vans for transportation of the handicapped. Phase III will provide for elevators in high density use buildings which will be available to our handicapped students. This phase is concerned with the building improvements program. An elevator will be installed in Derby Hall to supply one part of these improvements.

Additional phases will be implemented including rest room modifications, raised door numbers, door lever type handles, and drinking fountain modifications.

Funds are budgeted in Account 801272 (Improvements - Handicapped).

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

VI. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - City of Columbus, Water Line North of Lane Avenue Adjacent to Olentangy River Road

The City of Columbus has requested an easement across University lands north of Lane Avenue adjacent to the Olentangy River Road to install a 24-inch water line. The City, with the installation of this water line, will provide the University with continuous loop water service and should service be interrupted from one direction, the University could obtain water from another direction.

President Enarson recommended that the granting of this easement for the installation of the 24-inch water line north of Lane Avenue to the City of Columbus be approved. It was recommended further that the President and/or Acting Vice President for Administrative Operations be authorized
March 2, 1973 meeting, Board of Trustees

VI. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Easement - City of Columbus, Water Line North of Lane Avenue Adjacent to Olentangy River Road (continued)

...to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the easement to provide for the right-of-way for the installation of the 24-inch water line.

B. Easement - Substation Site - To Provide Additional Electricity to the Main Campus

On March 13, 1969, the Board of Trustees granted to the Columbus and Southern Ohio Electric Company a right-of-way easement for the construction of an underground line to bring additional power to the Campus. The University's power requirements now dictate the construction of a substation at the terminus of the easement granted on March 13, 1969.

The site of the substation will be located approximately 2,000 feet north of King Avenue and east of the dike on the east side of the Olentangy River. The substation will be constructed by the Columbus and Southern Ohio Electric Company.

President Enarson recommended that the granting of an easement for the substation site to the Columbus and Southern Ohio Electric Company be approved. It was recommended further that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the easement to provide for the substation site.

Upon motion of Dr. Sirak, seconded by Mr. Shocknessy, the above recommendations were approved by unanimous roll call vote.

VII. RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Nelle A. Morris, Assistant Professor Emeritus in the College of Education, Academic Faculty of Early and Middle Childhood Education. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Nelle A. Morris

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 8, 1973, of Nelle A. Morris, Assistant Professor Emeritus in the College of Education, Academic Faculty of Early and Middle Childhood Education.
March 2, 1973 meeting, Board of Trustees

VII. RESOLUTION IN MEMORIAM (continued)

A. Nelle A. Morris (continued)

Miss Morris was born in Champaign County where she began teaching in 1907 at the age of eighteen. Combining teaching and learning, she earned a diploma from Ohio University in 1913 followed by Bachelor of Science and Master of Arts degrees from The Ohio State University.

Her teaching experience in Ohio schools spanned a period of 52 years and included rural schools, Athens, Toledo, and Columbus schools prior to joining the first staff of The Ohio State University Laboratory School in 1929 where she served with distinction until her retirement in 1959. She received from Pi Lambda Theta in 1961 an award for outstanding service to the cause of education and for unselfish devotion to the problems related to the professional growth of teachers.

Miss Morris' teaching responsibilities included primary school children and elementary education majors aspiring to become teachers of such children. Her patience, skill, sense of humor, and insight into the learning problems of early childhood made her a highly valued teacher, respected by colleagues, children, and their parents.

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

Mr. Eckley extended sympathy on behalf of the Board to Dr. Sirak on the recent losses in his family.

VIII. REPORT

A. Report on the University's Investment Portfolio

The report dated March 2, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.
March 2, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 6, 1973, at the Mansfield Campus of The Ohio State University, Mansfield, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman
APPENDIX VII

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 16, 1973
The Recipient of Honors

PHILLIP R. SHRIVER

Doctor of Laws

Educator, administrator, and historian

We honor today one of Ohio's most distinguished educational statesmen. Noted educator, historian, and administrator, Phillip Raymond Shriver's commitment to the understanding and betterment of society has earned him national respect.

Leadership and accomplishment have been a habit for Phillip Shriver since his student days at Yale, Harvard, and Columbia.

During the more than twenty-five years he has devoted to higher education in his native state of Ohio, Dr. Shriver has added immeasurably to the stature and quality of two major universities. His contributions as a member of the faculty and as an administrator at Kent State University led to his selection as the seventeenth President of Miami University.

His eight years at Miami have been characterized by growth and change in almost every dimension of the University. The Shriver imprint has enhanced the process of change. To growth he has added compassion, great personal dedication, and a sensitive awareness of the needs of students and faculty.

Dr. Shriver has also shared his many talents as well as his keen insights with the larger community. Among his many other recognitions, he is a trustee of the Ohio College Library Center, The Ohio Center for Leadership Studies and the Advisory Board of the Cincinnati Council on World Affairs. He is on the Executive Committee of the Council of Presidents of the National Association of State Universities and Land-Grant Colleges. He is a former chairman of Ohio's Inter-University Council. He is currently chairman of the Council of Presidents of the Mid-American Conference.

As further testimony to Phillip Raymond Shriver's leadership, service and dedication, The Ohio State University is proud to recognize his achievement of the highest ideals of scholarship and administration by conferring upon him the degree, Doctor of Laws, honoris causa.
Doctor of Philosophy

One hundred and twelve candidates

Harrison Leslie Adams, Cleveland
Ed.Mus.B. (Oberlin College); M.A. (California State College at Long Beach)
Dissertation: Problems of Composing Choral Music for High School Use
Field of Specialization: Music

Darlene Jean Alberts, London
B.A. (College of Steubenville); M.A.
Dissertation: King Hussein of Jordan: The Consummate Politician
Field of Specialization: History

Mazen Yacoub Anastas, Baghdad, Iraq
B.Sc. (University of Baghdad); M.S.
Dissertation: A Visual Study of the Dynamics of Polymer Extrusion
Field of Specialization: Chemical Engineering

Jason Philip Aronoff, Millville, N.J.
B.A. (Kent State University); M.A.
Dissertation: Friendship as Related to Communication and Task Performance in Selected Groups of Children Ages Three Through Seven
Field of Specialization: Psychology

Emmanuell Victor Ashene, Kumasi, Ghana
B.A. (University of Science and Technology, Ghana)
Dissertation: Art Education Development and Curriculum Planning for National Development in Ghana
Field of Specialization: Art Education

Evelyn M. Shifflett Barnes, Stanardsville, Va.
B.S. (College of William and Mary); M.S. (Old Dominion University)
Dissertation: The Effects of Using a Self-Instructional Module on Teacher Perceptions of the Attitudes and Values of Disadvantaged Inner-City Black Youth
Field of Specialization: Education

Edward Barton Bell, Jr., Cleveland Heights
B.A., M.A. (Miami University)
Dissertation: The Choice of a Field of Study: A Study of Investment in Education
Field of Specialization: Economics

Robert Raymond Bezdick, Corpus Christi, Tex.
B.A. (St. Mary's University, Texas); M.A.
Dissertation: Electoral Oppositions in Mexico: Emergence, Suppression, and Impact on Political Processes
Field of Specialization: Political Science

Margaret Berline Blackman, Columbus
A.B. (Miami University); M.A.
Dissertation: The Northern and Kaigani Haida: A Study in Photographic Ethnology
Field of Specialization: Anthropology

John Hemphill Bowman, Columbus
B.S.Bus.Adm., M.A.
Dissertation: Cost and Benefit Spillouts as Factors Affecting Local Taxation for Public Schools
Field of Specialization: Economics

Michael Steven Broida, Bowling Green
B.S., M.A. (Bowling Green State University)
Dissertation: The Interaction Between Local Educational Efforts and State and Federal Subsidies
Field of Specialization: Economics

James Edward Eugene Brooks, Columbus
B.A., B.S.Bus.Adm., M.A.
Dissertation: Structure of Myth in the Novels of Boris Vian
Field of Specialization: Romance Languages

Curtis Franklin Brown, Jr., Columbus
B.Sc. in Soc.Adm., M.Social Work
Dissertation: Parents' Perceptions of Experiences Associated with Seeking Community Services for Their Preschool Age Retarded Child
Field of Specialization: Social Work

Joe Herbert Brown, Jr., Worthington
B.M.E. (University of Florida); M.S.
Dissertation: Stability Analysis Methods for Friction Systems
Field of Specialization: Engineering Mechanics

John Barclay Brown, Jr., Columbus
B.S.E.E., M.S.E.E. (Iowa State College); M.S. (University of Michigan)
Dissertation: Self Absorption Mossbauer Investigation of Neutron Activated Solid Krypton
Field of Specialization: Nuclear Engineering

Ellen C. Buckridge, Columbus
B.S. (Siena Heights College); M.S. (Catholic University of America)
Dissertation: A Survey of Science Teaching in the Public Secondary Schools of the New England, Mid east, and Southwest States of the United States
Field of Specialization: Education

Robert Dale Burkett, Columbus
B.S.Ed., M.A. (Bowling Green State University)
Dissertation: The Use of Cladophora to Monitor Mercury Occurrence in Western Lake Erie Waters
Field of Specialization: Zoology

Jon Terry Butler, Arlington, Va.
B.E., M.Engr. (Rensselaer Polytechnic Institute)
Dissertation: Networks of Two-Input One-Output Flexible Cells—A study of the Logical Properties and Techniques for Synthesizing Realizable Functions
Field of Specialization: Electrical Engineering

Frederick Francis Campbell, Elmira, N.Y.
B.A. (St. Lawrence University); M.A.
Dissertation: The Bavarian Army, 1870-1918: The Constitutional and Structural Relations with the Prussian Military Establishment
Field of Specialization: History

James Anthony Celli, Columbus
B.S. (Seton Hall University)
Dissertation: Hydroquinone Alkylation and Ullman Reaction of 2-halocarboxylic acio anhydrides
Field of Specialization: Chemistry
Anne Louise Charretto, Edmonton, Alta., Canada
B.Ed., M.Ed. (University of Alberta)
Dissertation: The Development of Social Perception: Age and Sex Differences on the Test of Social Inference
Field of Specialization: Psychology

Praneshwar Chawan, Hyderabad, Andhra Pradesh, India
B.Sc. Ag. (Andhra University, India); M.S. (University of Wisconsin)
Dissertation: Effect of Bovine Lacteal Immunoglobulins on Selected Viruses
Field of Specialization: Dairy Technology

Kenneth Frederick Connell, Columbus
A.B. (Princeton University); A.M. (Miami University)
Dissertation: An Evaluation of the Use of Management-By-Objectives Meetings as an Organizational Development Strategy
Field of Specialization: Psychology

Karen Dreier Cost, Columbus
B.S.,Med.Tech., M.S.
Dissertation: Serum and Cellular Characteristics of a Biclonal Gammapathy in a Case of Chronic Lymphatic Leukemia
Field of Specialization: Pathology

Randolph William Custodio, Piracicaba, Sao Paulo, Brazil
Engr.Agr. M.S. (University of Sao Paulo)
Dissertation: Growth and Egg Production as Effects by Genes at the dcr Locus in Egg-Type Chickens
Field of Specialization: Poultry Science

Uttam Das Gupta, Kalyani, India
B.Sc., M.Sc. (University of Kalyani); M.S.
Dissertation: Studies on Mitochondrial Electron Transport
Field of Specialization: Physiological Chemistry

Dennis Calvin Deegan, Fort Lauderdale, Fla.
S.B., S.M. (Massachusetts Institute of Technology)
Dissertation: Stress-Corrosion Cracking of Steels in Liquid-Ammonia Environments
Field of Specialization: Metallurgical Engineering

Thomas Albert DeFanti, Columbus
B.A. (Queens College); M.S.
Field of Specialization: Computer and Information Science

Kenneth Leo Demerjian, Columbus
B.A. (Northeastern University); M.S.
Dissertation: Photochemistry of Sulfur Dioxide-Butane-2 Mixtures
Field of Specialization: Chemistry

Alfred Boyce Devoreaux, Jr., Columbus
B.S. (United States Military Academy); M.S.
Dissertation: Investigations into the Feasibility of Employing a Hypothetical Panoramic-Frame Camera System in Aerial Triangulation
Field of Specialization: Geodetic Science

Margaret Marie Duber, Delaware
B.A. (College of Steubenville); M.S.
Dissertation: Chromosome Abnormalities, Sex Ratio, and Fertility in Gallus Domesticus
Field of Specialization: Dairy Science

Freeman Dee Ends, Waterloo, Ia.
B.S.Ed. (Kansas State University); M.S. (Wichita State University)
Dissertation: Vocational-Technical Component of the Preservice Curriculum for Community College Administration
Field of Specialization: Education

Harry William Enrick, Columbus
B.S. (United States Military Academy); M.S.
Dissertation: Computation Techniques for Various Gravity Anomaly Correction Terms and Their Effect upon Deflection of the Vertical Computations for Mountainous Areas
Field of Specialization: Geodetic Science

Chung-Chou Feng, Taipei, Taiwan
B.S. (National Taiwan University); M.S.
Dissertation: Analysis of Sonic Transducers
Field of Specialization: Engineering Mechanics

Ronald Philip Fisher, Queens Village, N.Y.
B.A. (Queens College); M.A.
Dissertation: Polyethylenimines: Their Structure, Basicity, and bifunctional Catalytic Activity in a Hydrogen Exchange
Field of Specialization: Chemistry

Theodore Constantine Glanger, Youngstown
A.B. (Princeton University); B.S., LL.B., M.A. (University of Michigan)
Dissertation: Time-Dependent Learning and the Dynamic Demand of the Competitive Firm for Variable Factor
Field of Specialization: Economics

Willie Clayton Glover, Columbus
B.S.Ed. (Willberforce University); M.A.
Dissertation: Selected Effects of Individual and Group Counseling on Disadvantaged Elementary Pupils
Field of Specialization: Education

Stanley Melvin Goldstein, Columbus
B.S. (City College of New York); M.A. (Columbia University)
Dissertation: The Awareness of Psychological Causality with Regard to the Choice of Symptomatology in Childhood Psychopathology
Field of Specialization: Psychology

Vincent John Gonino, Columbus
B.S.Ed.; M.Ed. (Ohio University)
Dissertation: The History and Development of Huntington Memorial Outdoor Center, Raquette Lake, New York, State University of New York College at Cortland
Field of Specialization: Physical Education

Solon Joseph Guerrero, Columbus
Licencia (Pontificia Catholic University of Javeriana, Colombia); M.A. (New York University)
Dissertation: Structural and Individual Components of Change in a Brazilian Agricultural Situation
Field of Specialization: Agricultural Economics and Rural Sociology

367
Carolyn Irwin Hall, Iowa City, Ia.
B.S.Ed. (Southern State College); M.A.
Dissertation: The Effect of Amplified Elementary Science
Reading Materials upon the Comprehension of
Upper Grade Elementary School Children
Field of Specialization: Education

George David Hartman, Scranton, Pa.
B.S. (University of Scranton)
Dissertation: The Generation of Nitrenium Ions from
Hydroxylamine Derivatives
Field of Specialization: Chemistry

Denis Francis Healy, Kettering
B.S. (Massachusetts Institute of Technology); M.B.A.
Dissertation: The Perceived Effect of Environmental Influences on Marketing Strategy in the 1970s
Field of Specialization: Business Administration

Kay Glazier Henzel, Lewisburg, Pa.
B.S. (Bucknell University)
Dissertation: Participation by Neighboring Cyclooctytetraenyl Groups in Solvolytic Displacement Reactions
Field of Specialization: Chemistry

Elouise Barnett Horton, Columbus
B.S. (West Virginia State College); M.A. (Marshall University)
Dissertation: An Experimental Study to Compare the Effectiveness of Two Methods of Group Counseling for Black Junior High School Students
Field of Specialization: Education

James Dean Howell, Hagerstown, Ind.
B.S.A. (Purdue University); M.S.
Dissertation: Large Farm Organization in East Central Ohio
Field of Specialization: Agricultural Economics and Rural Sociology

Jean Katherine Kincaid, Byesville
B.S. (Ohio State University); M.S.
Dissertation: The Social and Political Thought of David Ricardo
Field of Specialization: Political Science

Paul Edward Hurwitz, Columbus
B.A., M.S. (University of Cincinnati)
Dissertation: Studies of Membrane Immunoglobulin on Normal and Abnormal Lymphocytes
Field of Specialization: Pathology

Ronald John Hunt, Athens
B.S.Bus.Adm., M.A.
Dissertation: The Social and Political Thought of David Ricardo
Field of Specialization: Political Science

Don Carl Hutcherson, Dallas, Tex.
B.S.A.E. (Georgia Institute of Technology);
M.S. (Southern Methodist University)
Dissertation: Construction and Validation of Decision-Theoretic Models of Low-Level Piloting Navigational Behavior
Field of Specialization: Industrial Engineering

William Ideson Johnson, Worthington
B.S. (University of Cincinnati); M.Ed. (University of Pittsburgh)
Dissertation: Hermetic Alchemy as the Pattern for Schooling Seen by Ivan Illich in the Works of John Amos Comenius
Field of Specialization: Education

Robert Morrison Jordan, Columbus
B.A. (Hiram College); M.S. (Western Reserve University)
Dissertation: Associative Learning and Stimulus Discrimination in the Whirligig Beetle, Diuinetus Diacolor (Aube)
Field of Specialization: Entomology

Francis Michael Jungfleisch, Columbus
B.S., M.S.
Dissertation: Transformations of Methyl Substituted Diboranes and 2,2-Dimethyltetrahydronaphthalene with Amine Bases
Field of Specialization: Chemistry

Helen Bearman Katz, Dayton
B.S., M.A.
Dissertation: The Relationship Between Aging and Performance in the Study of Allied Medical Science
Field of Specialization: Education

George Earl Kerns, Columbus
B.S.Met.Engr. (Drexel Institute of Technology); M.S.
Dissertation: Stress Corrosion Cracking in Gaseous and Aqueous Environments
Field of Specialization: Metallurgical Engineering

Jean Wootten Knireil, Byesville
B.S.Rest., M.S.
Dissertation: An Analysis of Selected Systems for Providing Food Service to Low-Income Elderly in Metropolitan Housing Centers
Field of Specialization: Home Economics

Gloria Wherry Dougherty, Columbus
B.S.Ed., M.A.
Dissertation: Identification of Relationships between Organizational Climate Characteristics, Individual Characteristics, and Work Related Attitudes and Behaviors of School Psychologists
Field of Specialization: Education

Jean Katherine Kintgen, Urbana, Ill.
B.S. (Saint Xavier College); M.S. (DePaul University)
Dissertation: Developing Guidelines for Sequencing Curriculum Content for Career Advancement in Nursing
Field of Specialization: Education

Louis Henry Knipling, Jr., Columbus
B.S. in C.E. (Carnegie Institute of Technology); M.S.
Dissertation: The Cartographic Potential of Geostationary/Geosynchronous Satellites
Field of Specialization: Geodetic Science

Andrew Ivor Kohen, Columbus
B.Ph. (Wayne State University); M.A. (Yale University)
Dissertation: Determinants of Early Labor Market Success Among Young Men: Race, Ability, Quantity and Quality of Schooling
Field of Specialization: Economics
John Jillietation: Field of dissertation: Chemistry

Kenneth Alan Kuenhold, Warren
B.Eng. (Cornell University)
Dissertation: The Viscosity of Dilute He-He Mixtures at Low Temperatures
Field of Specialization: Physics

Jeffrey Tsai-hwa Kuo, Taipei, Taiwan
B.S.(Engr.) (National Taiwan University)
Dissertation: Drag Reduction and Solution Studies of Aluminum Branched Chain Disopans in Toluene
Field of Specialization: Chemical Engineering

Wayne David Lammie, Sharpsville, Pa.
B.A. (Muskingum College); M.A. (University of Pittsburgh)
Dissertation: Unemployment in the Truman Administration: Political, Economic and Social Aspects
Field of Specialization: History

William Michael Lay, Elliot City, Md.
B.S. in Sel. Engr. (Northwestern University); M.S.
Dissertation: The Double-KWIC Coordinate Indexing Technique: Theory, Design and Implementation
Field of Specialization: Computer and Information Science

John Michael Lee, Columbus
B.A. (California State College at Los Angeles); B.S., O.D.
(Los Angeles College of Optometry); M.S.
Dissertation: Trigger Feature Analysis of the Rabbit Visual Cortex
Field of Specialization: Physiological Optics

Kevin Patrick Lynch, Oxford
B.S.Ed., M.A.
Dissertation: An Investigation of the Effects of Rewarded and Non-Rewarded Verbal and Observational Learning on Specified Behaviors of Moderately Retarded Adults
Field of Specialization: Education

James Joseph Lyons, Kirksville, Mo.
B.S. (Fordham University); M.A.
Dissertation: The Retention of Ignored Information
Field of Specialization: Psychology

James Robert Males, Nobleville, Ind.
B.S. (Pennsylvania State University); M.S. (Michigan State University)
Dissertation: Ration Digestibility, Rumen Bacteria and Several Rumen Parameters in Sheep Born and Reared in Isolation
Field of Specialization: Animal Science

Joseph T. Mayhew, Kent
B.S.Ed., M.A.
Field of Specialization: Education

Donald Hudson Mc Rae, Reynoldsburg
A.B. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.
Dissertation: Psychological Needs and Vocational Maturity of Students in an Ohio Joint Vocational School
Field of Specialization: Education

Robert Henry Moesinger, Columbus
B.S. (University of Illinois)
Dissertation: Selected Molecular Migrations of Polyolefins
Field of Specialization: Chemistry

David Middleworth, Columbus
B.S., M.A. (San Jose State College)
Dissertation: The Democratic Influence of Karl Renner in Austria
Field of Specialization: History

Philip Bartley Moore, Key West, Fla.
B.S. in Ed. (Eastern Illinois University); M.A.T. (Miami University)
Dissertation: Stuffing Patterns in the Cooperative Extension Service
Field of Specialization: Agricultural Education

Paul Leroy Morris, New Concord
B.S. (Muskingum College); M.A.
Dissertation: Student Involvement in PTA Via the PTSA Concept
Field of Specialization: Education

Ralph Ivan Nazareth, Bombay, India
B.S. (University of Bombay); B.Pharm. (Gujarat University); M.S. (University of Michigan)
Dissertation: A Physico-Chemical Investigation of the Action of Hypolipidemic Agents
Field of Specialization: Pharmacy

John Alexander Neff, Kettering
B.S. (Ohio Wesleyan University); M.S.
Field of Specialization: Electrical Engineering

James Robert O'Connor, Westerville
B.S.Ed. (Ohio Northern University); M.S. (University of Wisconsin)
Field of Specialization: Education

Robert Jackson Oliver, Corona del Mar, Calif.
B.S., M.A., M.S. (Oregon State University)
Dissertation: The Evaluation of an Eight Period Modified Block Schedule at the Coronado High School
Field of Specialization: Education

John Alan Pennington, Altoona, Ill.
B.A. (Pennsylvania State University); M.M. (University of Cincinnati)
Dissertation: The Musical Peak Experience
Field of Specialization: Music

John Byron Pennington, Nashville, Tenn.
B.S. (University of Alabama); M.S. (Virginia Polytechnic Institute)
Dissertation: Investor Expectations: An Empirical Analysis of Sixteen Variables
Field of Specialization: Business Administration
Carl Richard Perrin, Dunlapeae
B.A. (University of New Hampshire); M.Ed. (River
College)
Dissertation: Discovery, Structure and Voice: An
Approach to Teaching Composition
Field of Specialization: Education

Danny Hughes Pogue, Sulphur Springs, Tex.
B.A. (Texas College); M.Ed. (Texas Southern University)
Dissertation: A Time Study of the Audio-Transcription
Process
Field of Specialization: Education

Patricia Barney Powell, Venice, Fla.
B.A. (Kalamazoo College); M.A. (Case Western Reserve
University)
Dissertation: An Investigation of Selected Syntactical and
Morphological Structures in the Conversation of Secondary
Students after Two Years’ Study of French
Field of Specialization: Education

C. M. Ramakrishna, Bangalore, India
B.Sc. (Hons) (University of Mysore); Diploma
(Indian Institute of Science); M.Sc. (University of
Louisville)
Dissertation: Monte Carlo Analysis of the Radio Source
Counts from the Ohio Survey at 1415 MHz
Field of Specialization: Electrical Engineering

Donald Roger Redman, Wooster
B.S.Agr., D.V.M., M.S.
Dissertation: The Response of the Porcine Fetus Exposed
to Porcine Enterovirus, Transmissible Gastroenteritis
Virus or Parvovirus
Field of Specialization: Veterinary Preventive Medicine

George Bruce Reed, Worthington
B.S. in Civil Engr. (University of Alabama); M.S.
Dissertation: Application of Kinematical Geodesy for
determining the Short Wave Length Components of the
Gravity Field by Satellite Gradiometry
Field of Specialization: Geodetic Science

Henry George Ronic, Toledo
B.S.Bus.Adm., M.A.
Dissertation: Aggregation Theory, Investment Behavior
and Rational Lag Functions
Field of Specialization: Economics

Fernando Rodriguez, Delaware
B.S. (Columbia University); M.A. (New York University)
Dissertation: The Art of Claude Simon: A Dual
Perspective
Field of Specialization: Romance Languages

Harvey Sanford Rosenberg, Columbus
B.Ch.Eng. (Cooper Union); M.S.
Dissertation: The Solubility of Mercury in Polar Gases
Field of Specialization: Chemical Engineering

Sumita Roy, Ludhiana, India
B.Sc. (University of Allahabad); M.Sc. (University of
Baroda)
Dissertation: Factors Related to the Adoption of Food
Practices by Low Income Homemakers in the Expanded
Food and Nutrition Education Program in Ohio
Field of Specialization: Home Economics

Ronald Gordon Rule, Columbus
B.E.E., M.S.
Dissertation: The Dynamic Scheduling Approach to
Automated Vehicle Macroscopic Control
Field of Specialization: Electrical Engineering

George Selouhian, Dayton
B.A. (Murray State College); M.A. (Vanderbilt
University)
Dissertation: The Emersonian Idealism of Henry James
Field of Specialization: English

David Shinar, Columbus
B.A. (Hebrew University); M.A.
Dissertation: Context Effects on Processing Strategies
for Recognition of Rotated Forms
Field of Specialization: Psychology

Richard Douglas Slack, Columbus
B.S. (Bowling Green State University); M.S.
Dissertation: Breeding Biology and Behavior of the
Cathbird (Dumetella carolinensis)
Field of Specialization: Zoology

Kendrick Lewis Spooner, Greeley, Colo.
B.S. (Michigan State University); M.A.
Dissertation: Establishment of Process Variables for
Formative Curriculum Workshop Evaluation
Field of Specialization: Education

John Junior Stallard, Clinchport, Va.
B.S., M.A. (East Tennessee State University)
Dissertation: A Model for the Evaluation of the MDTA
Skill Center Clerk-Stenographer Program for Appalachia
Field of Specialization: Education

Shirley May Steele, Port Richey, Fla.
B.S., M.A. (Columbia University Teachers College)
Dissertation: Investigation of Simulation Techniques with
Teachers in the Area of Child Health Nursing
Field of Specialization: Education

Carol B. Stein, Johnstown
B.A. (Lake Erie College); M.S.
Dissertation: The Life History of Amblyomma Picata
(Say, 1817), The Three-Ridge Naiad (Mollusca: Bivalvia)
Field of Specialization: Zoology

Jose Dimas Torres, Athens
B.A. (Inter-American University of Puerto Rico);
M.P.A. (Syracuse University)
Dissertation: The Politics of Planning in Venezuela:
A Case Study of the Roles of the Federation of Chambers
and Associations of Commerce and Production Within the
Planning Strategy for Development in Venezuela
Field of Specialization: Political Science

William L. Trombetta, Mentor
B.S. (Saint Joseph’s College); M.B.A. (Temple
University)
Dissertation: A Comparative Study of the Performance
of Black and White Gasoline Service Station Dealers
Within a Franchising Environment
Field of Specialization: Business Administration
Ting-Tsai Tseng, Detroit, Mich.
B.S. (Taiwan Provincial Cheng Kang University); M.S. (New Mexico State University)
Dissertation: Buckling of Elastic Fibers in a Composite Plate with Viscoelastic Matrix
Field of Specialization: Engineering Mechanics

Duff Tucker, III, Rochester, N.Y.
B.A. (College of Wooster); M.A. (Kent State University)
Dissertation: A Study of Behavioral Density in Interpersonal Networks
Field of Specialization: Sociology

Jane Yem Ying Fong Waldo, Columbus
A.B. (Mount Union College); M.A.
Field of Specialization: Psychology

Connie Ruth Warren, Cleveland
B.S.; M.S.
Dissertation: A Comparative Study of Cost-Benefit Analysis Results Using Different Measures of Prior Earnings
Field of Specialization: Education

William Sprigg Webster, Worthington
A.B. (Oberlin College); D.V.M.; M.S. (Wake Forest University)
Dissertation: Experimental Aortic Intimal Thickening
Field of Specialization: Veterinary Pathology

Alan Cranston Williams, Columbus
B.S.Ed., M.A.
Dissertation: Model for Meeting Continuing Education Needs of Ohio Insurance Agents
Field of Specialization: Education

Peter Garrett Yackel, Worthington
A.B., M of Ed. (Wittenberg University); M.A.
Dissertation: The Original Criminal Jurisdiction of the Superior Courts of Judicature of Colonial Maryland, New York and Massachusetts
Field of Specialization: History

Carol Elizabeth Young, Louisville, Ky.
B.A. (University of Louisville); M.S.
Dissertation: Design and Implementation of Language Analysis Procedures with Application to Automatic Indexing
Field of Specialization: Computer and Information Science

Donald Paul Zingale, Columbus
B.S. (Brooklyn College); M.S. (University of Massachusetts)
Dissertation: A History of the Involvement of the American Presidency in School and College Physical Education and Sports During the Twentieth Century
Field of Specialization: Physical Education

Ronald L. Zishka, Columbus
B.A. (Capital University); M.A. (Western Reserve University)
Dissertation: The Consensus of Clergy Role Task Expectations and Congregational Viability
Field of Specialization: Sociology
Master of Architecture

One candidate

Clifton Jay Macbeth, Elyria
B.Arch. (California State Polytechnic College, San Luis Obispo)
Field of Specialization: Architecture

Master of Arts

One hundred and forty-nine candidates

John William Adeglen, Worthington
Field of Specialization: Education

Peggy Ranier Ackley, Columbus
B.S. (Morehead State University)
Field of Specialization: Education

Dennis Ira Aig, Queens Village, N. Y.
B.A. (Queens College)
Field of Specialization: English

Mark Edward Aljian,
Cliffside Park, N. J.
B.A. (Roanoke College)
Field of Specialization: Psychology

Carmen Caridad Alvarez,
Rockford, Ill.
B.Mus. (University of Cincinnati)
Field of Specialization: Music

Marshall D. Amesquita,
Palo Alto, Calif.
B.S. (University of Illinois)
Field of Specialization: Education

Vicki Grant Axe, Philadelphia, Pa.
B.Mus.Ed. (Temple University)
Field of Specialization: Music

Geoffrey Lyle Bachert, Columbus
B.A.
Field of Specialization: Education

Dennis Clifford Bahnmer, Jr.,
Newcomerstown
B.S.Agr.
Field of Specialization: Education

Linda Lewis Ball, Sandusky
B.S.Ed.
Field of Specialization: Education

Curtis Grant Baler, Columbus
B.S.Ed.
Field of Specialization: Education

Robert Alan Barcus, Cleveland
B.A.
Field of Specialization: Psychology

Christina Minzer Basinger, Columbus
B.S.Ed. (Bluffton College)
Field of Specialization: Education

Rennie Michael Bell, Woodstock, Ga.
B.A. (Georgia State College); B.A. (Lee College)
Field of Specialization: Music

John Kodzo Benisaan, Accra, Ghana
Diploma (University of Ghana)
Field of Specialization: Dance

Helen Bond Berk, Columbus
B.S.Ed.
Field of Specialization: Education

Victoria Leslie Berk, Columbus
B.A. (Transylvania College)
Field of Specialization: Education

Gotte Hugh Berry, Lucas
B.S.Ed. (Ashland College)
Field of Specialization: Education

Roger Edmond Billingsley, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Suzanne Pratt Birch, Delaware
B.A. (State University of New York at Cortland)
Field of Specialization: Education

David Hugh Bloombach,
Fort Wayne, Ind.
B.A. (Michigan State University)
Field of Specialization: English

Judith Presser Blott,
Cleveland Heights
B.S.Ed.
Field of Specialization: Speech Communication

Bonnie Frances Boggs, Pickerington
B.S.Ed.
Field of Specialization: History

Kenneth Leroy Bonnell, Columbus
B.A.
Field of Specialization: Anthropology

Dennis Allan Booher, Columbus
B.S.Ed.
Field of Specialization: Physical Education

Georgiana Hood Bowman, Columbus
B.S.Ed. (Wilberforce University)
Field of Specialization: Education

Rodney Dickinson Boyette,
Raleigh, N. C.
B.A. (University of North Carolina)
Field of Specialization: Slavic Languages

Robert Evans Brunett,
Springfield, Ill.
B.A. (Millican University)
Field of Specialization: Philosophy

B.A. (University of Pennsylvania)
Field of Specialization: Slavic Languages

Michael James Burke, Columbus
B.A.
Field of Specialization: Journalism

Diane Lillian Cadrain,
Cheshire, Conn.
B.A. (Albertus Magnus College)
Field of Specialization: English

Robert Boyd Carter, Indianapolis, Ind.
A.B. (Earlham College)
Field of Specialization: Journalism

Arthur Philip Chenoweth,
Baltimore, Md.
B.A. (Towson State College)
Field of Specialization: History

Asdrubal Alfonso Chirinos,
Maracaibo, Venezuela
Lic. en Educ. (Universidad del Zulia)
Field of Specialization: Public Administration

Carol Anne Christy, Marietta
B.A. (Duke University)
Field of Specialization: Political Science

Sue Ann Winters Cohen, Xenia
B.A. (Wright State University)
Field of Specialization: English

Linda Zoe Coppins, Columbus
B.S. (Kent State University)
Field of Specialization: Education

Lois Jiillerat Covault, Columbus
R.S.Ed. (Miami University)
Field of Specialization: Education

Henri Deutsch, Scranton, Pa.
A.B. (Temple University)
Field of Specialization: Psychology

Christine Duffey, Annandale, Va.
B.A. (University of Virginia)
Field of Specialization: English

Jerry Thomas Duffey, Dayton
B.A.
Field of Specialization: History of Art

Tamara Taylor Ewing, Wapakoneta
B.S.Ed.
Field of Specialization: Education

Grace Maria Falsetta,
Wethersfield, Conn.
B.A. (University of Connecticut)
Field of Specialization: Education
Field of Specialization: Speech Communication

Douglas Alan Ferguson, Lima
B.A. (Miami University)

Robert Lee Harlow, Lorain County
B.A. (Ohio University)

Donna Peter Gilbert, Columbus
A.B. (Miami University)

Frances Blasertovd Guzman, Columbus
B.S. (Luther College)

Lynn Ann Falls, Westerville, III.
A.B. (University of Illinois)

Henrietta Lamar Goolsby, Cleveland
B.A. (Cleveland State University)

Dennis Robert Grimm, Columbus
B.S.Ed.

Richard Arthur Harlow, Millersport
B.S.Ed.

Anna Levering Hartson, Fredericktown
B.S.Ed. (Ashland College)

Robert Lee Harvey, Jr., Columbus
B.A. (Hampton Institute)

Myra Neil Hayes, Prattville, Ala.
B.A. (Samford University)

Ursula Kolleck Heing, Dayton
B.A. (Wright State University)

Jan Paul Hermann, Columbus
B.A. (Dana College)

Jose Luis Henket, Rio de Janeiro, Brazil
Diploma (Universidade Federal)

Nancy Miller Hickman, Columbus
B.S.Soc.Wel.

Joseph Frederick Hill, Belpre
B.A.

Tom Lewis Hindes, Amherst
H.S. (Miami University)

Dennis Xavier Huelman, Columbus
B.S.

Elaine Arrington Humphrey, Westerville
B.S.Ed.

Ralph David Jacobson, Malaga, N. J.
B.S. (Albright College); M.C.P.

Howard Glenn Jones, Columbus
B.A. (Ohio Dominican College)

William Noboski Kama, Dayton
B.A. (University of Hawaii)

Roger Jay Katz, University Heights
B.A.

Mary Kenney Kelly, Columbus
B.A. (Youngstown College); M.S. (Alfred University)

James Lehr Kennedy, Needham, Mass.
B.A. (College of Wooster)

Arthur Eaton King, Cincinnati
A.B. (Middelbury College)

Gilbert Snowden King, Columbus
R.S.Ed.

Donna Cecilia Kline, Phoenix, Ariz.
B.A. (Arizona State University)

Dimitra Theophanopoulos Kontou, Athens, Greece
B.A. (Athens University, Greece)

Clare Francis Koshab, Blacklick
B.S.Ed.

Sherry Esposito Kuehne, Columbus
B.A. (Augustana College)

Stanley Michael Labuda, Lockbourne AFB
B.S. (Xavier University)

Susan Salisbury Lee, Columbus
B.A. (California State College at Los Angeles)

Mary Drue Lehmann, Lockbourne
B.S.Ed. (Bowling Green State University)

Myra Elizabeth Lewis, Columbus
B.A.

Myra Elizabeth Lewis, Columbus
B.S.Ed. (West Virginia University)

William Marsh, Springfield, Mo.
A.B. (University of Missouri)

Jonpaul Rogers Martin, Leavittsburg
B.A.

Ann Masterson, Falls Church, Va.
B.S. (Madison College)

* Also Bachelor of Arts, College of the Arts and Sciences

373
Charles Ray McCall, Mount Vernon
B.A. (Bethany Nazarene College); B.D. (Nazarene Theological Seminary); M. of Theo. (Southwestern Baptist Theological Seminary)
Field of Specialization: History

Mary Margaret Hogan McCanne, Columbus
B.S. (University of Texas)
Field of Specialization: Education

Bernadette Hartley Merluzzi, Columbus
B.S. (Central Connecticut State College)
Field of Specialization: Psychology

Juan Enrique Mezzich, Callao, Peru
M.D. (Universidad Peruana)
Field of Specialization: Psychology

Gail Gottschling Morgan, Salem
B.S. (Capital University)
Field of Specialization: Education

David Owen Nason, Chesterhill
B.A.
Field of Specialization: Education

Millard Lynn Neal, Barnesville
B.M., M.M. (University of Cincinnati)
Field of Specialization: Music

Beth Ann Vols Neld, Columbus
A.B. (University of Michigan)
Field of Specialization: Social Work

William Francis Noonan, Waterbury, Conn.
A.B. (Assumption College)
Field of Specialization: English

Margaret Ann Novotny, Mountain View, Calif.
B.A. (San Jose State College)
Field of Specialization: Psychology

William Wolff Nucklos, Canton
B.S. (Bowling Green State University)
Field of Specialization: Psychology

William Eugene Oliver, Cheshire, Conn.
B.A. (George Washington University)
Field of Specialization: Public Administration

David Kinney Osborne, Columbus
B.A. (Hiram College)
Field of Specialization: Speech Communication

Julia Lou Osborne, Columbus
B.A.
Field of Specialization: Speech Communication

Philip Raynor Osmon, Tiffin
B.S.Phys.
Field of Specialization: Journalism

Alice Ann Parker, Sandusky
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Eddie Lewis Parks, Columbus
B.S.Ed.
Field of Specialization: Education

Margie Ann Powell, Columbus
B.S.Ed.
Field of Specialization: Education

William Linus Powell, Columbus
B.S.Ed.
Field of Specialization: Education

Beatrice Anzibal Quaranta, Columbus
B.S.H.E.
Field of Specialization: Education

David Lee Rodriguez, East Sparta
B.A. (Muskingum College)
Field of Specialization: Business Administration

Barbara Ruth Rollins, Springfield
B.S.Ed.
Field of Specialization: Education

Judy Theresa Ruth, Bethelhem, Pa.
A.B. (Muhlenberg College)
Field of Specialization: Political Science

Richard Elmer Saalfeld, Cincinnati
B.A. (Athenaum of Ohio); B.A. (Saint Joseph's College, Indiana)
Field of Specialization: Music

Robert Charles Schwartzman, Columbus
B.A. (Wittenberg University)
Field of Specialization: Journalism

Charles David Schweickart, Columbus
B.S. (University of Dayton); Ph.D. (University of Virginia)
Field of Specialization: Philosophy

Paul Edward Shaltrey, Columbus
B.A. Jour.
Field of Specialization: Journalism

Mark Allen Shouse, Miami, Fla.
B.A. (Florida State University)
Field of Specialization: Philosophy

Steven Alan Shull, Decatur, Ill.
B.S. (Manchester College); M.A. (Ball State University)
Field of Specialization: Political Science

Melahna Miller Singer, Columbus
B.F.A.
Field of Specialization: Education

Grecia Meini Siri, New York, N.Y.
Diploma (University of El Salvador)
Field of Specialization: English

Edwin Harvey Stoba, Berea
A.B. (Case Western Reserve University)
Field of Specialization: Romance Languages

Robert Ray Stamper, Columbus
B.S.Ed.
Field of Specialization: Education

Sharon Irene Swan, Amanda
B.S.Ed. (Ohio University)
Field of Specialization: Education

Jonathan Leigh Tafel, Columbus
B.S.Ed.
Field of Specialization: Education

Alfred Thompson, Columbus
B.S. (Bluefield State College)
Field of Specialization: Education

Margaret Mary Timmons, Syracuse, N.Y.
B.S. (Saint Lawrence University)
Field of Specialization: Psychology

John Edwin Toms, Columbus
B.S.Bus.Adm.
Field of Specialization: Education

Margaret Cecelia Tonkonen, Jefferson
B.S.Ed.
Field of Specialization: Education

Barbara Louise Towers, Columbus
B.S.Ed. (Central State College)
Field of Specialization: Education

Robert Hugh Tripp, Metamora
B.S.Ed.
Field of Specialization: Education

Irwin Larry Udell, Youngstown
B.A.
Field of Specialization: Philosophy

Melvin Stephenson Ulm, Tallahassee, Fla.
B.A., M.A. (Florida State University)
Field of Specialization: Philosophy

Dereen Carr Vanderlind, Rochester, N.Y.
B.A. (Denison University)
Field of Specialization: Education

Janet Lee Sampson Vizarrondo, Columbus
B.A.
Field of Specialization: Journalism
Twenty-one candidates

Ronald Edward Boose, Newark
B.S.Bus.Adm. (Bowling Green State University)
Field of Specialization: Business Administration

John Hans Broche, Worthington
B.S. (University of Dayton); M.S. (Michigan State University)
Field of Specialization: Business Administration

Murray Kingsley Chapple, Dayton
B.S.E. (General Motors Institute)
Field of Specialization: Business Administration

Thomas Lee Clark, Lebanon
B.S.Bus.Adm.
Field of Specialization: Business Administration

Robert Eugene Cribbs, Jr., Canton
B.S.Bus.Adm.
Field of Specialization: Business Administration

Terrance Paul Dorrington, Youngstown
B.S. in B.A. (Youngstown State University)
Field of Specialization: Business Administration

Jeffrey Duane Ford, Edgewood, Md.
B.S. (University of Maryland)
Field of Specialization: Business Administration

Robert William Lowry, Akron
B.S.Ind.Mgr. (University of Akron)
Field of Specialization: Business Administration

Terry Wayne Malone, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

David Randall May, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Gary Edward Morin, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Michael Bond Murray, Columbus
B.C.E.
Field of Specialization: Business Administration

John Russell Null, Canal Winchester
B.S.M.E.
Field of Specialization: Business Administration

Christine Louise Osterman, Minerva
B.S. (Mount Union College)
Field of Specialization: Business Administration

Richard Gary Pankuch, Lyndhurst
B.A. (Ohio Wesleyan University); M.A.
Field of Specialization: Business Administration

Maurice Albert Purcell, Jr., Creston
B.S. (Purdue University)
Field of Specialization: Business Administration

Wayne Eugene Roach, Jr., Columbus
B.S.Bus.Mgt. (Purdue University)
Field of Specialization: Business Administration

Kenneth Steven Shifrin, Cincinnati
B.S.Bus.Adm.
Field of Specialization: Business Administration

Michael Allen Shope, Barberton
B.S.Bus.Adm.
Field of Specialization: Business Administration

William Douglas Turpin, Columbus
B.S.
Field of Specialization: Business Administration

Brian Yeager, Moscow, Pa.
B.S. (University of Scranton)
Field of Specialization: Business Administration

Nine candidates

Ross Smith Carlson, Jr., Columbus
B.S.Ed.
Field of Specialization: City and Regional Planning

*James Rutherford Crawford, San Diego, Calif.
A.B. (San Diego State College)
Field of Specialization: City and Regional Planning

* Also Master of Social Work, Graduate School
David George Dippold, Columbus
B.S. (Bradley University)
Field of Specialization: City and Regional Planning

Francis Edward Glatselter, Jr., Winter Park, Fla.
B.A. (University of Florida)
Field of Specialization: City and Regional Planning

Renee R. Magee, Kent
B.A., M.B.A. (Kent State University)
Field of Specialization: City and Regional Planning

David Cargill Marshall, Columbus
B.A.
Field of Specialization: City and Regional Planning

Susan I. Jenuleson Olson, Champaign, Ill.
B.S. (Michigan State University)
Field of Specialization: City and Regional Planning

Dennis Simon, Pittsburgh, Pa.
B.A. (University of Pittsburgh)
Field of Specialization: City and Regional Planning

Thomas David Tyson, Columbus
B.S.C.E.
Field of Specialization: City and Regional Planning

Master of Fine Arts

Two candidates

Rebecca Benson Burke, Flint, Mich.
B.A. (University of Guam)
Field of Specialization: Fine Arts
(Painting)

Linda Louise Wesemeyer, Grafton
B.S.H.E.
Field of Specialization: Theatre

Master of Science

One hundred and twenty candidates

Douglas Alexander Andrews, Port Clinton
B.S. (Bowling Green State University)
Field of Specialization: Zoology

Philip Charles Badger, West Salem
Field of Specialization: Agricultural Engineering

Timir Banerjee, Columbus
M.B.B.S. (University of Calcutta, India)
Field of Specialization: Anatomy

Gary Walter Bauer, Sunbury
B.S.Agr.
Field of Specialization: Agricultural Education

Anne Parsons Blaisdell, Columbus
B.S. (Michigan State University)
Field of Specialization: Microbiology

James Harold Boardman, Rapid City, S. D.
B.S. (Mc Gill University, Canada)
Field of Specialization: Computer and Information Science

Michael Robert Bolton, Columbus
B.S.Ed.; M.Ed. (University of Cincinnati)
Field of Specialization: Natural Resources

Ronald Wayne Bolton, Louisville, Ky.
B.S.
Field of Specialization: Microbiology

Sandra Corbin Bradbury, Columbus
B.A. (Central Methodist College)
Field of Specialization: Allied Medicine

Arthur William Browning, Columbus
B.S.
Field of Specialization: Geology

Robert Jeffery Bux, Wadsworth
B.S.M.E.
Field of Specialization: Mechanical Engineering

Paul Allen Catlin, Beaver, Pa.
B.S. (Carnegie-Mellon University)
Field of Specialization: Mathematics

Gary Robert Catxva, Greenbelt, Md.
B.S. (University of Maryland)
Field of Specialization: Computer and Information Science

Jagdeep Singh Chahal,
Amritsar, India
B.Tech. (Indian Institute of Technology)
Field of Specialization: Computer and Information Science

James Allen Daley, Grove City
B.S. Agr.
Field of Specialization: Agricultural Education

Ronald Jan DeHaas, Youngstown
B.S.
Field of Specialization: Geology

Paul Denis de Verteuil, Arima, Trinidad
B.S. (University of the West Indies)
Field of Specialization: Civil Engineering

Herbert William Dornbush, Jr.
Columbus
B.S. (Case Western Reserve University)
Field of Specialization: Electrical Engineering

Frank Arthur Eischen, Fort Recovery
B.A. (Ohio Northern University)
Field of Specialization: Entomology

Jacob Merle Eshler, Jr., Canfield
B.S.T.E.
Field of Specialization: Industrial Engineering

Hu-Mei Lin Feng, San-Chung, China
B.S. (National Taiwan University)
Field of Specialization: Chemistry

Andrew Fetzek, Columbus
B.S.
Field of Specialization: Horticulture

Lawrence Howard Flores,
San Antonio, Tex.
B.A. (Saint Marys University, Texas)
Field of Specialization: Nuclear Engineering

James Louis Fogle, Columbus
Field of Specialization: Electrical Engineering

Marsha Reiss Folger, Columbus
B.S.
Field of Specialization: Microbiology

Charlette Rae Gallagher,
Hennessey, Okla.
B.S. (Oklahoma State University of Agriculture and Applied Science)
Field of Specialization: Allied Medicine

David Malcolm Galton, Nunda, N. Y.
B.S.Agr.
Field of Specialization: Dairy Science

* Also Bachelor of Electrical Engineering.
College of Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Field of Specialization</th>
<th>Degree(s)</th>
<th>Major(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Harry Gilford</td>
<td>Canton</td>
<td>B.A.</td>
<td>Natural Science</td>
<td></td>
</tr>
<tr>
<td>Thomas Ray Graumlich</td>
<td>Fosteria</td>
<td>B.S. Food Tech.</td>
<td>Computer Science</td>
<td></td>
</tr>
<tr>
<td>Sally Margaret Gravely</td>
<td>Brookln, N.Y.</td>
<td>B.S. Agr.</td>
<td>Agricultural Economics</td>
<td></td>
</tr>
<tr>
<td>Dale Eugene Ihnat</td>
<td>Columbus</td>
<td>B.S.</td>
<td>Animal Science</td>
<td></td>
</tr>
<tr>
<td>George Alan Hansachak</td>
<td>Youngstown</td>
<td>A.B.</td>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>Elfie Mae Burkey Hayes</td>
<td>Columbus</td>
<td>B.S. N.v.</td>
<td>Nursing</td>
<td></td>
</tr>
<tr>
<td>Howard Davis Hoffman</td>
<td>Highland Park, N.J.</td>
<td>B.A. (Goddard College)</td>
<td>Political Science</td>
<td></td>
</tr>
<tr>
<td>Dale Eugene Ihnat</td>
<td>Lowell, Mass.</td>
<td>B.S. Lowell Technical Institute</td>
<td>Engineering</td>
<td></td>
</tr>
<tr>
<td>Ronnie June Johnson</td>
<td>New Carlisle</td>
<td>B.S. Agr.</td>
<td>Natural Resources</td>
<td></td>
</tr>
<tr>
<td>Stanley Edwin Johnson</td>
<td>Canal Winchester</td>
<td>B.C.E.</td>
<td>Civil Engineering</td>
<td></td>
</tr>
<tr>
<td>Timothy Collins Johnson</td>
<td>South Yarmouth, Mass.</td>
<td>B.S. (Worcester Polytechnic Institution)</td>
<td>Nuclear Engineering</td>
<td></td>
</tr>
<tr>
<td>Kenneth Thomas Kamenik</td>
<td>Perryville</td>
<td>B.S. Agr. E.</td>
<td>Agricultural Engineering</td>
<td></td>
</tr>
<tr>
<td>Kwang Ho Kim</td>
<td>Cheon Chun, Korea</td>
<td>B.S., M.S. (Seoul National University)</td>
<td>Electrical Engineering</td>
<td></td>
</tr>
<tr>
<td>Jack Elliot King</td>
<td>Dayton</td>
<td>D.D.S.</td>
<td>Dentistry</td>
<td></td>
</tr>
<tr>
<td>Carol Angela Klein</td>
<td>Montgomery, Ala.</td>
<td>B.S. (Louisiana State University and Agricultural and Mechanical College)</td>
<td>Computer Science</td>
<td></td>
</tr>
<tr>
<td>Edison LeRoy Klingler</td>
<td>Lafayette</td>
<td>B.S. Agr.</td>
<td>Agricultural Economics and Rural Sociology</td>
<td></td>
</tr>
<tr>
<td>Muneendra Kumar</td>
<td>HYattsville, Md.</td>
<td>B.Sc., M.Sc. (Agra University, India)</td>
<td>Geodetic Science</td>
<td></td>
</tr>
<tr>
<td>Charles Henry Hale</td>
<td>Winoo, Vt.</td>
<td>B.S. (University of Detroit)</td>
<td>Geodetic Science</td>
<td></td>
</tr>
<tr>
<td>Rahim Abdul Mohamed</td>
<td>Mombasa, Kenya</td>
<td>B.S. (University of Nairobi)</td>
<td>Geodetic Science</td>
<td></td>
</tr>
<tr>
<td>Robert Lee Lane</td>
<td>Fort Leavenworth, Kan.</td>
<td>B.S. (Centenary College)</td>
<td>Geodetic Science</td>
<td></td>
</tr>
<tr>
<td>Doon Randolph Lee</td>
<td>Akron</td>
<td>B.S.A.A.E.</td>
<td>Geodetic Science</td>
<td></td>
</tr>
<tr>
<td>Ted Chin Lec</td>
<td>Taipei, Taiwan</td>
<td>B.S. (National Taiwan University)</td>
<td>Aeronautical Engineering</td>
<td></td>
</tr>
<tr>
<td>Kay Louise Lichy</td>
<td>Gibsonia, Pa.</td>
<td>B.S. Nurs. (Capital University)</td>
<td>Nursing</td>
<td></td>
</tr>
<tr>
<td>Jung Liu</td>
<td>Bowling Green</td>
<td>B.S. (National Taiwan University)</td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>Michael Carnel Long</td>
<td>Columbus</td>
<td>B.A.</td>
<td>Metallurgical Engineering</td>
<td></td>
</tr>
<tr>
<td>Philip Marder</td>
<td>Maywood, N. J.</td>
<td>B.S.</td>
<td>Microbiology</td>
<td></td>
</tr>
<tr>
<td>John Walter Mark</td>
<td>Houston, Minn.</td>
<td>B.A. (Winona State Teachers College)</td>
<td>Aerospace Science</td>
<td>University of Southern California, Los Angeles Field of Specialization: Geodetic Science</td>
</tr>
<tr>
<td>Peter Maclyn Martin</td>
<td>Tallmadge</td>
<td>B.S. Case Western Reserve University</td>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>Mark Vance Mayer</td>
<td>Cheyenne, Wy.</td>
<td>B.S. (United States Air Force Academy)</td>
<td>Physiology</td>
<td></td>
</tr>
<tr>
<td>Merle Floyd McBride</td>
<td>Columbus</td>
<td>B.S.</td>
<td>Mechanical Engineering</td>
<td></td>
</tr>
<tr>
<td>Robert Morris Mcaneee</td>
<td>Jr., Sylvania</td>
<td>B.S.Ed.</td>
<td>Natural Resources</td>
<td></td>
</tr>
<tr>
<td>Allan Martin Michelson</td>
<td>Berea</td>
<td>B.A. (Muscogee College)</td>
<td>Dentistry</td>
<td></td>
</tr>
<tr>
<td>John Robert Miller</td>
<td>Columbus</td>
<td>B.A., D.D.S.</td>
<td>Physiology</td>
<td></td>
</tr>
<tr>
<td>Keigo Minami</td>
<td>Piracicaba, Brazil</td>
<td>B.S. (Universidade de Sao Paulo)</td>
<td>Horticulture</td>
<td></td>
</tr>
<tr>
<td>Nina Howard Modlin</td>
<td>Baltimore, Md.</td>
<td>B.S. (Morgan State College)</td>
<td>Microbiology</td>
<td></td>
</tr>
<tr>
<td>Diario Mier Montoya</td>
<td>Bogota, Colombia</td>
<td>Bicultural Engineering</td>
<td>Civil Engineering</td>
<td></td>
</tr>
</tbody>
</table>
Robert Eugene Moore, Columbus B.S. Field of Specialization: Geodetic Science
John Cobert Morrow, Xenia D.D.S. Field of Specialization: Dentistry
Daniel Martin Mulder, Holland, Mich. B.S. (University of Michigan) Field of Specialization: Physics
Robert Richard Namay, Millbury B.E. (Ohio University) D.D.S. Field of Specialization: Dentistry
David Edward Orin, McDevitt B.E.E. Field of Specialization: Electrical Engineering
Merle Davis Owdom, Solon B.S. Field of Specialization: Mathematics
Mohammed Bashir Parekh, Karachi, Pakistan B.E. (University of Karachī) Field of Specialization: Civil Engineering
Richard Joseph Parrish, Pittsburgh, Pa. B.A. (Saint Francis College) Field of Specialization: Mathematics
Lance Edward Perryman, Pullman, Wash. D.V.M. (Washington State University) Field of Specialization: Veterinary Pathology
Kevin Forbes Probst, Berwyn, Pa. B.S. (United States Air Force Academy) Field of Specialization: Physics
Max Trola, Fairborn B.S. (University of Illinois) Field of Specialization: Engineering Mechanics
Elizabeth Crail Rafferty, Reynoldsburg R.S.Ed. Field of Specialization: Home Economics
Rosa Shira Raskin, Columbus B.S. Field of Specialization: Microbiology
Richard Cole Reynolds, Madison, Wis. B.S.M.E. (University of Notre Dame) Field of Specialization: Industrial Engineering
John Calvin Rice, Reedsville B.S.Ag. Field of Specialization: Agricultural Education
David York Richardson, Columbus B.S. (University of Michigan) Field of Specialization: Industrial Engineering
Dale Lloyd Robinson, Columbus B.S.A.A.E. Field of Specialization: Aeronautical and Astronautical Engineering
Charles Millard Rose, Jr., Wilson, N. C. B.S. (United States Air Force Academy) Field of Specialization: Geodetic Engineering
John Allen Sackett, Cleveland B.S. Field of Specialization: Animal Science
Vasant Ramachandra Sarvate, Ujjain, India B.Sc. (Agra University); B.E. (University of Bombay) Field of Specialization: Civil Engineering
Dale Richard Schaefer, Kettering B.S. in Met.Eng. (University of Missouri) Field of Specialization: Metallurgical Engineering
Edward Schilling, Berkeley, Calif. B.S. (University of California) Field of Specialization: Geodetic Science
Michael Ellis Segal, Cleveland B.S. Field of Specialization: Mathematics
George N. Sfakianakis, Thessaloniki, Greece Diploma (Aristotle University of Thessaloniki) Field of Specialization: Radiology
Thomas Howard Shafer, Columbus B.S. (Duke University) Field of Specialization: Natural Resources
Richard Thomas Simko, Painesville B.E.E. Field of Specialization: Electrical Engineering
William Brenner Simon, Columbus B.S.Ag. Field of Specialization: Animal Science
Donna Jean Sprinkle, Hillisboro B.S. Field of Specialization: Zoology
Randall Lee Steele, Cleveland Heights B.S. Field of Specialization: Metallurgical Engineering
Anthony K. Stevens, Salt Lake City, Utah B.S. (United States Air Force Academy) Field of Specialization: Physics
Susanne Marvin Strong, Reynoldsburg B.S. Field of Specialization: Computer and Information Science
LeRoy George Taft, Corning, N. Y. B.S.A. (University of Georgia) Field of Specialization: Agronomy
Alfred Edward Taylor, Ashland, Pa. B.S. (Pennsylvania State University) Field of Specialization: Geodetic Science
Ronald Russell Teeter, Girard B.A.A.E. Field of Specialization: Engineering Mechanics
Dennis Dunbar Terry, Chillicothe B.Ch.E. Field of Specialization: Chemical Engineering
Lonnie Gene Thompson, Greersway, W. Va. B.S. (Marshall University) Field of Specialization: Geology
Theodore Ellsworth Tinsler, Columbus R.M.E. Field of Specialization: Mechanical Engineering
Lawrence Wayne Torley, Wilton, Conn. B.S. (Dickinson College) Field of Specialization: Physiology

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics.
Charles Elliott Tuttle, Columbus  
B.A. (Trinity College); M.B.A.  
(New York University); B.S.Agr.  
*Field of Specialization: Dairy Science*

James Warner Wahl, Georgetown  
B.S.Agr.  
*Field of Specialization: Agricultural Education*

Ronald Eugene Webb, Kingston  
B.S.  
*Field of Specialization: Physiology*

Francine Kay Welty, Smithville  
B.A. (Yale University)  
*Field of Specialization: Dairy Science*

B.S.M.E. (University of Arizona)  
*Field of Specialization: Computer and Information Science*

John Thomas Whinney, Columbus  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Bettie Keene White, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Mitchell Lee Yearly, South Charleston  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Lyoni Ta-An Yen, New York, N.Y.  
B.S. (University of Kentucky)  
*Field of Specialization: Industrial Engineering*

Pin-Pin Yin, Taipei, Taiwan  
B.S.Eng. (National Taiwan University)  
*Field of Specialization: Chemistry*

James Ralph Zettler, Jr., Hamilton  
D.M.D. (University of Kentucky)  
*Field of Specialization: Dentistry*

**Master of Social Work**

One candidate

"James Rutherford Crawford,  
San Diego, Calif.  
A.B. (San Diego State College)  
*Field of Specialization: Social Work*
Colleges of the Arts and Sciences
Chairman, Coordinating Council of Deans: Arthur E. Adams
Vice Provost for the Arts and Sciences: Robert G. Arts

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

**College of The Arts**
Dean: Lee Rigsby

- Bachelor of Arts
  - Ten candidates
    - Alan Barinholtz, Shokie, Ill.
    - Mollie Elaine Brown, Kent
    - Rochelle Frances Eisman, Dayton
    - Barbara Perrin Foster, Columbus
    - William George Harris, Mt. Vernon
    - Marjorie Graham Easton Kistemaker, Columbus
    - Alan Levey, Fairlawn, N. J.
    - Nedra Lynn Pyles, Ontario
    - Sharon Ruth Rosberg, Cincinnati
    - Kenneth Paul Ross, Columbus

- Bachelor of Fine Arts
  - Twenty-seven candidates
    - Marcia Lynn Armstrong, Columbus
    - Debra Lynn Bernstein, Glenvue, Ill.
    - Brenda Ardell Brown, Columbus
    - Clayne McCully Chase, Columbus
    - Kathryn Alice Cleland, Columbus
    - Nancy Aikens Craun, Columbus
    - David James Dysart, Gahanna
    - Janice Anne Elbert, Cleveland
    - Michele Marie Elzay, Ada
    - Jeffrey Winn Farmer, Columbus
    - Laura Kimmins Florence, Marysville
    - Pamela Kay Frick, Cincinnati
    - Barbara Ann Levy, Youngstown
    - Dennis Lee MacArthur, Defiance
    - Bruce Alan Neely, Euclid
    - Ellen Perdizes, Buffalo, N. Y.
    - Virginia Jean Pianalto, Akron
    - Mark Evans Purslow, Columbus
    - Carolyn Diane Reinholt, Fremont
    - Renee Rodriguez Ryan, Columbus
    - Michael Gordon Sorensen, Cambridge
    - Susan Elizabeth Starkus, Solon
    - Franz Frederick Spohn, Columbus
    - Pamela Kandice Stephens, Columbus
    - Ann Margaret Walker, Columbus
    - Randolph Clark Warren, Barielliff, N. Y.
    - Douglas Peter Weaver, Rossford

- Bachelor of Music
  - Three candidates
    - Donald Graham Frank, Columbus
    - Richard Clarence Lopez, Columbus
    - James Alexander Paisley, Columbus

- Bachelor of Art Education and Bachelor of Music Education
  degree are offered jointly by the College of The Arts and the College of Education

  Candidates are listed on page 26

**College of Biological Sciences**
Dean: Richard Bohning

- Bachelor of Arts
  - Seven candidates
    - Matthew Jon Heller, Warrensville Heights
    - Thomas Robert Mercier, Chambersburg, Pa.
    - Gary Frederic Merrill, Valley Stream, N. Y.
    - Ronald Eugene Myers, Canton
    - John Robert Poling, Columbus
    - Robert Bruce Schwakie, Cincinnati
    - Charles Robert Verbanic, Newton Falls

- Bachelor of Science
  - Forty-three candidates
    - Campbell Blackburn Amos, Euclid
    - Jean Ackee Amos, Euclid
    - Bruce Ronelle Anderson, Columbus
    - James Craig Aron, Kenton
    - Regina Martin Carroll, Columbus
    - Yat Sun Chu, New York, N. Y.
    - David Lee Clarkson, Gahanna
    - Michael Joseph Covlin, Cincinnati
    - Linda Susan Constantine, Parma
    - Michael John Delphia, Columbus
    - George Edward Friedich, Bay Village
    - Raymond Martin Gill, Avon
    - Richard Allen Hiley, Celina
    - James Edmund Hodsdon, Baltimore
    - Phillip Lawrence Hopper, Columbus
    - Alice Dee Kantorhoff, Allison Park, Pa.
    - Jo Ann Smith Kaufman, Johnstown
    - Angelo Nick Kluysiadis, Mansfield
    - Joseph Stephen Koebel, Columbus
    - Laurel Ann Koppelman, Cleveland Heights
    - Glenn Arthur Koyl, Kpacie, Hawaii
    - Frances Xavier Larn, Columbus
    - Gary Allen Lukien, Columbus
    - Eric George Marcus, Columbus
    - Stephen Alan Meyer, Columbus
    - Thomas Paul Miller, Wellington
    - Keith Gerald Morrow, Mansfield
    - Arthur Menelaus Pappas, Columbus
    - Douglas E. Politiott, Columbus
    - Mary Ann Radlke, Cincinnati
    - Curtis Woodrow Ramey, Columbus
    - Terry Dean Ryan, Newark
    - Daniel Garvin Sayers, Columbus
    - Samuel Schwearm, Jr., Galloway
    - Jerry Dwight Sell, Columbus
    - John Melvin Suffron, Columbus
    - Thomas Joe Thompson, Columbus
    - Gregory Edward Toll, West Farmington
    - Ervin Robert Tomas, Mayfield Village
    - Glenn John Trippe, Cupley
    - Ronald Dean Winland, Pleasant City
    - Thomas Nicholas Zanatos, Delaware
    - Michael Melvin Zimmerer, Cincinnati
College of Humanities
Dean: Arthur E. Adams

Bachelor of Arts
Seventy-one candidates
Barbara Mae Albee, Columbus
Molly Beasley, Lancaster
Karen Marie Bell, Columbus
Douglas Richard Blackburn, Wintersville
Larry Eugene Blankenship, Columbus
Charles Thomas Brewer, Columbus
James Joseph Brockmeyer, Columbus
Joel Christopher Broyes, Jr., Bedford
Timothy M. Cardina, Akron
Stephen Fraser Cherrington, Vienna, Va.
Denise Krahl Clady, Columbus
Rocky Alan Coats, Lockbourne
Rosemary Gayle Cox, Columbus
Hagar William Culverhouse, San Juan, Puerto Rico
John Allen Curran, Columbus
Jeffrey Wayne Dade, Columbus
Jean Marie Dalland, Skokie, Ill.
Janet Lynn Dight, Mansfield
Dennis Francis Dittaeur, Columbus
Richard Holmes Donnel, Columbus
Rita Bash Elwood, Columbus
James Richard England, Columbus
Steven Jerome Federle, Cincinnati
George Allen Figura, Columbus
James Patrick Flood, Columbus
David Clarence Frederick, Kettering
James Richard Fries, Jr., Columbus
Martin Roy Goldsmith, Westerville
Eugene J. Graf, Mt. Vernon
John Richard Guroy, Willoughby
Susan Ruth Harris, Wollston
Patricia Eileen Healy, Cockeysville
Mary Jo Hay, Columbus
Deborah Pickstaff Hohenbaugh, Columbus
Germain Gerry Ioannides, Columbus
Garfield Allan Jackson, Columbus
Linda Lee Jacobs, Columbus
William Albert James, Jr., Worthington
B.P.A. (Ohio Wesleyan University)
Jane Susan Kaplan, Cincinnati
Larry Allen Kettos, Dillongale
Michael William Kessler, Columbus
Joan Cheryl Kirschner, Youngstown
Peter Alan Linsey, Mayfield Heights
David Martin Lubin, Columbus
Daniel Glenn Luster, Columbus
Fritz Lynn McAllister, Columbus
Sharon Ruth McIntyre, Lyndhurst
Patricia Arlene Metzner, Columbus
James Allen Miley, Marion
Cindy Lookabaugh Mountcastle, Columbus
Joseph Stephen Newell, Bryan
Donald Vincent Paglione, Columbus
David Craig Rankley, Columbus
Lucinda Allison Reynolds, Columbus
Robert Michael Riceham, Queens Village, N. Y.
Rochelle Paula Savren, Cleveland
Thomas Clement Seberer, Columbus
Jack Lee Shortridge, Westerville
James Paul Shumaker, Columbus
Elizabeth Parry Stearns, West Orange, N. J.
Thomas Gordon Stuckman, Columbus
Nancy Louise Taylor, Fredericksburg, Va.
Patricia Elizabeth Watson Turvey, Columbus
Lyanne Ellen Vermillion, Springfield
Margaret Ann Wagner, Marion
Gregory Glenn Ward, Columbus
Dwight Edward Weber, Cincinnati
Victoria Gay Webster, Springfield
Sally Beckett Williams, Columbus
David Ross Wilson, Kent
Cynthia Carr Zenieseck, Columbus

College of Social and Behavioral Sciences
Dean: Franklin P. Kilpatrick

Bachelor of Arts
Two hundred and ten candidates
Christelle Claire Adams, Columbus
Douglas Burdett Adams, Columbus
Dennis Joseph Ahern, North Olmsted
Diana Lynn Allen, Mt. Vernon
Theresa Elizabeth Applegate, Columbus
Suzanne Rose Armitage, Worthington
Barry Howard Arons, Livingston, N. J.
David James Auve, Lakewood
Karen James Ayers, Akron
William Edward Bailey, Elyria
William Joseph Banchman, Columbus
David Dwight Barnes, Columbus
Donald Edward Bartholomew, Newark
Braden Lee Basnett, Columbus
John Paul Baughman, Columbus
Great Alan Bergman, Lorain
Eric Noble Bergquist, Columbus
Carol Sue Bessey, Cincinnati
Michael Douglas Betzler, Columbus
Recky Sue Bishop, Zanesville
Ronnie Bryan Bishop, Columbus
Patrick Joseph Bond, Columbus
Robert Lee Bourne, Cincinnati
Eric Dale Bowman, Columbus
Helena Maria Buch, Lima
John William Burlile, Gallipolis
Ellen Gibbs Fox, Columbus
Carol Anne Goldsmith, Newark
William George Harsman, Lexington
Theodore Jay Kitsos, Euclid
Linda Sue Lamb, Canal Winchester
Daniel Paul Lammertse, Akron
Gary Andrew Luzio, Newark
Michael John McCracken, Ottawa
Michael Richard Mennett, Dayton
David Vernon Miller, Lisbon
Patricia Lou Miller, Avon Park
Lee H. Newberg, University Heights
David Richard Oxley, Jr., Newark
Ivan Lee Reed, Mt. Sterling
Jeffrey Allen Schieffer, Columbus
Philip Howard Steiger, Spencerville
Dale Randolph Talcott, Xenia
Angela C. Tsai, New Philadelphia
Larry Alan Valentine, Ashville
John Zilka, Columbus

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

Bachelor Arts
Six candidates
Frank Joseph Chestik, Parma Heights
Timothy Norbert Davis, Lima
James Lee Morgan, Avon Lake
James Anthony Potts, Columbus
Eugene Lee Williams, Columbus
William Roger Wright, Lima

Bachelor Science
Twenty-three candidates
Gary Daniel Ball, Columbus
Carol McKinnon Bins, Columbus
Katherine Horessly Cullinan, Worthington

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David Brian Smith, Franklin
Richard Charles Snodgrass, Columbus
Thomas George Stamos, Columbus
Jeffrey Alan Stans, Avon Lake
Frank Leonard Staniszewski, Independence
Rachel Grisethkan Stark, Columbus
Neysa Yvonne Stephens, Springfield
Jo Ann Stokes, Columbus
Steven Howard Stout, Columbus
Lois Ellen Strickling, Frankfort
Ralph Joachime Taylor, Columbus
Dennis Robert Temple, Columbus
Ellen Claire Tewes, Oak Ridge, Tenn.
Roger Martin Thomas, Columbus
Ronald Stewart Timen, Columbus
Karen Lee Tinkler, Columbus
Sharon Marie Toth, Columbus
James Dudley Van Hala, Rocky River
Jane Louise Vovk, Columbus
Valerie Ann Diamond Wales, Mt. Gilead
Stephen Charles Warren, Columbus
John William Watson, Hudson
Michael Dean Whetstone, Westerville
Philip Wilber, Toledo
Karen Lowell Williams, Columbus
Dorothy Wilson, Cincinnati
Colleen Woods, Maumee
William James Woolf, Jr., Columbus
Russell Allan Yanta, Deishler
Leslie Carl Zartman, Columbus
Kyle Wynn Zimmer, Columbus

Bachelor of Science
Twenty-three candidates
Briere Edward Abbott, Grove City
John Sanger Beedy, Jr., Cincinnati
James Charles Brown, Columbus
David Bruce Ckouton, Homer
Kenneth Glenn Cook, Columbus
Maureen Annette Delphia, Columbus
Michael William Freeman, Columbus
Anthony Nicholas Gemma, Youngstown
Katherine Reed Hartson, Rocky River
William Charles Ihde, Strongsville
Stephen Allen Johnson, Columbus
Linda Sue Johnston, Columbus
David Jonathan Kuhn, Columbus
David Joseph Masek, Columbus
Jeanne Beth Philby, Columbus
Richard James Riester, Grove City
Calvin Jay Smith, Westerville
Donald Erwin Solt, Akron
Michael Carl Sturges, New London
Mary Ellen Taylor, Dayton
Leland Kenneth Wells, Columbus
David Gregory Williams, Fort Lauderdale, Fla.
Jeffrey Scott Yankow, Hollywood, Fla.

School of Journalism

Bachelor of Arts in Journalism
Thirty-two candidates
Fusun Aklar, Columbus
Brian Emerson Albrecht, Cleveland
Barbara Glenn Allen, Bryan
Michael Anthony Baker, Miamisburg
Michael David Balduf, Columbus
Eric Philip Bruce, Canton
Arthur Ray Dalglish, Columbus
Thomas Lynn Dusenbery, Columbus
George Martin Eberhart, Columbus
Rebecca Anne Ford, Columbus
Mark Houston Forman, Ashland
Steven Michael Frank, Columbus
Vivian Lois Freeman, University Heights
Michael William Harden, Columbus
Patricia Lynn Howe, Worthington
Edward Sawyer Jimison, Granville
James Andrew Konkoly, Maple Heights
Denise Thea Kontras, Columbus
John Patrick Kramer, Columbus
Barbara Ruth Levin, Toledo
Mary Louise Mariant, Cuyahoga Falls
Linda Elaine Moore, Columbus
James Andrew Moskus, Columbus
Vicki Jean Kraugh Nartker, Columbus
Michael James Needs, Euclid
Jon Donald Parsons, Columbus
Michael H. Pearson, Columbus
Frank Iyekman Scudder, III, Columbus
James Christopher Shealy, Columbus
Edward George Watzel, Sandusky
Wayne Ernest Wolff, Valley City
Kathleen Ann Zinser, Columbus
College of Administrative Science
Dean: James R. McCoy

Bachelor of Science in Business Administration
One hundred and twenty-two candidates

William Dean Allman, Marion
Richard Allen Ansinei, Cape Coral, Fla.
Roger Jack Bahn, Jr., Youngstown
James Lee Baker, Bueyrus
B.S. (Franklin University)
Richard Anthony Baumer, Jr., Huron
Clark Robert Bergrun, Los Altos Hills, Calif.
Carol Ileen Berman, South Euclid
Erich Joseph Bernkopf, Bedford Heights
John Francis Blank, Mt. Vernon
B.A. (University of Dayton)
Gary Lewis Bolus, Columbus
Gerald Lee Bosh, Columbus
Miguel Mauricio Bowen, Columbus
Timothy Lee Brown, Wapakoneta
Martin Alan Buchart, Columbus
Carl Edward Buckmaster, Mansfield
Michael Joseph Camporeale, Highland Park, Ill.
Donald Francis Carmell, Jr., Columbus
Leroy Neal Carpenter, Columbus
Greg Richard Carroll, Columbus
James Francis Cerven, Franklin Square, N. Y.
Terry Lee Cooper, Defiance
William George Cornely, Marion
Gary Jack Cross, Portsmouth
Lenard Charles DeFilippo, Sheffield Lake
Robert Paul Dlouhy, Brocksville
Daniel Scott Dodson, Bellefontaine
Peter Dudchenko, Lakewood
Michael Dwight Dupler, Galion
Ronald Emnett Dury, Columbus
Wayne Charles Eddleman, Frazeysburg
Ronald Brown Ellis, Youngstown
Robert Allen Eschenauer, Broadview Heights
James Butler Evans, Columbus
Kathleen Lynne Evans, Mentor
David Goodwin Fish, Mt. Pleasant
Denis Carmen Fox, Shelby
John Maurice Frederick, Cincinnati
Donald Joseph Gallam, Sandusky
Michael Beegley Garber, Elyria
B.A. (Adrian College)
Jeff Robert Glassman, Columbus
Charles Allan Gossett, Xenia
Samuel John Graham, III, Columbus
Lance Blake Grether, Seven Hills
James W. Grotegewald, Wichita, Kan.
Scott Elliott Holden, Cleveland
Steven Harold Howard, Great Neck, N. Y.
Paul Roger Howell, Columbus
Randall Eugene Huffman, Bluffton
Larry Marten Ike, Zanesfield
B.S. Ed.
Daniel Clifford Inakep, H. Marion
Robert James Irvine, Jr., West Carrollton
Leon George Johnson, Columbus
Station
Jonathan Michael Joubline, Zanesville
Jeffrey Norman Kahl, Toledo
William John Kemperer, Columbus
Douglas Allan Keough, Swanton
Gregor Klipan, Jr., Cleveland
Edmund Martin Konopka, Westlake
Iale Clyde Landon, Columbus
Jeffrey David Levy, Cincinnati
Terence Logan, Cleveland
Erie Dane Long, Latham
James Herbert Long, Lowell
Thomas Charles Main, Columbus
Mark James Malatesa, Wapakoneta
Richard Michael McNeil, Cincinnati
Matthew Joseph Meier, Mt. Vernon
Donald Graham Melrose, Grove City
Terry Lee Mercier, Loudonville
Nancy Ann Merritt, Columbus
Jerry Lee Miller, Newark
Norman Gene Miller, Cincinnati
Jerry Paul Miner, Lima
Roger Kent Morrison, Millersburg
Joseph William Mundy, Grove City
Phillip Eugene Myers, Hartford
David Fritz Nelson, North Royalton
Brad Alan Oberauf, Berlin Center
Kennon Lynn Osban, Mansfield
James Lloyd Otis, Celina
Donald Owen Palmer, Columbus
David Milton Parke, Sidney
Vivian Diane Patterson, Cleveland
James William Payne, Columbus
Leslie Howard Peterson, Wellington
William Edward Peterson, Columbus
Allen Wayne Porter, Burton
Gary Charles Price, Avon Lake
B.S. Apr.
Raymond John Ramsey, Columbus
Lawrence Paul Randles, Akron
David Ellery Rapkin, Cleveland Heights
Gary Reckson, Bayside, N. Y.
Robert Bernard Riethman, Anna
Leslie Alan Rinehart, Newark
Robin Andrew Robine, Columbus
Jerald Lynn Robison, Columbus
Franklin Theodore Roll, Reynoldsburg
Gene Alan Rose, Reynoldsburg
Carl Frederick Rowoldt, Canton
James Sabat, Garfield Heights
Donald Warren Schmidt, Worthington
Julie Lynn Sholl, Mansfield
Joseph Michael Schurtz, Columbus
John Stephen Simmers, Cleveland
Charles Robert Snyder, Jr., Columbus
Stephen Carl Southworth, Newark
Burl Junior Stafford, Columbus
Thomas Louis Theilbert, Columbus
Max Adolph Urfer, Weehawken, N. J.
Michael Duane Van Sky, Kenton
John Aloysius Walsh, Chardon
Dale James Walters, Cleveland
Roger Wallace Webb, Portsmouth
William Wesley Webo, Columbus
John August Weis, Leipsic
Stephen Christopher Weitzel, Springfield
Stanley Ray White, Kent
Marilyn Kathleen Wiggenhorn, Dayton
Robert Patrick Williamson, Toledo
Trent Dee Wright, West Milton
Robert Stephen Zangri, Chillicothe
Joseph Theodore Zwayer, Columbus

School of Social Work
Bachelor of Science in Social Welfare
Forty-three candidates

William David Bannerman, Avon Lake
Marcene Root Bergeman, Fremont
Barry Ivan Braverman, Columbus
Judith Evelyn Burkhart, Fairview Park
Karen Sue Coder, Millard
Kenneth Cohen, Des Plaines, Ill.
Susan Beth Colangelo, Mansfield
Sally Ann Conner, Youngstown
Linda Evelyn Cooper, Cleveland Heights
Michelle Kay Feese, Alliance
Andrew May Ferrell, Columbus
Elizabeth Jane Finan, Danville
Janice Darlene George, Huron
Ellyn Laura Goldstein, Atlanta, Ga.
Cathy Dee Goodman, Evanston, Ill.
Janet Louise Grieshop, Sidney
Mark Stephen Hajjar, Huntsburg
Mable Lee Holt, Columbus
College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

One hundred and two candidates

Terry Lee Baldwin, Defiance
James Milton Bourne, Jr., Wynniesville
Lee Robert Braun, Botkins
Paul Walter Bruer, Miamisburg
Gerald Joseph Bumb, Alvada
Angelo Rosario Cammarata, Willoughby
Joseph William Carmen, Dayton
Ralph DeWitt Coffman, Jr., Marietta
William Allen Conklin, Ostrander
Leonard Harry Conley, Cleveland
Kevin Donald Corcoran, Chillicothe
Leslie James Cotsamsire, Bucyrus
Joseph Ralph Crites, Wilmington
Patrick James Cryan, Westerville
Jerry L. Darbyshire, Lima
Steven Curtis Davis, Xenia
Lawrence Edward Deets, III, Elyria
Ronald Dean De Long, Van Wert
David Vernon Dickman, New Bremen
Michael Joseph DuBrul, Cincinnati
Bruce Gale Dunn, Marietta
Steven Martin Early, Alliance
John David Ertl, Grafton
Linford Nevins Falls, Dalton
Sherry Dawn Felker, Ostrander
Bruce Richard Fillinger, Lockbourne
James Robert Fletcher, Columbus
B.A.

Daniel Lee Foss, Richwood
Alan Thomas Franklin, Wewen
Thomas David Frey, Cadiz
David Edward Geiger, Cincinnati
Vincent Henry Geiger, Jr., Cincinnati
Harrell Franklin Gerfen, Prospect
Gary Donald Geroy, Columbus
Frank Dennis Goodwill, Doylestown
Daryl Dean Goodwin, Blanchester
Gary Dean Graham, Ashley
Stuart Lee Greenberger, Plainview, N. Y.

Gary Wayne Hannabach, Columbus
Ernest Brooks Hatfield, Bethel
Roy Edward Heath, West Liberty
Daniel David Hoar, Lexington
Brent Douglas Hunt, Barnevsville
Everett Lee Johnson, Crown City
Richard Lee Johnson, Delaware
Dennis Lynn Jordan, Tiffin
Paul Reuben Kohl, Bucyrus
Gerald Alan Kilbane, Parma
Krista Louise Kinnamon, Crestline
Scott Burton Kollman, Northfield
Richard Patrick Latham, Plainfield

Michael Thomas Lee, Solon
James Allen Leedy, Eaton
Gregory Louis Lekman, Newton
Paul Henry Libben, Port Clinton
David Wayne Long, Delphos
Larry David Lunceford, Vermilion
Thomas Paul Mangeot, Dayton
Ronald Eugene Martin, Marysville
Monte Allan Mathews, Heath
Myron E. Miller, Apple Creek
William Charles Moore, Columbus
Robert Leo Nypaver, Warren
Wendy Julian Ostgaard, Milford Center
Dean Arnold Parker, North Bloomfield
Ronald Jay Reese, Rawson
Ted Scott Renner, Dalton
James Stephen Riel, Kettering
Patrick Joseph Riley, Bedford
Edwin Carl Rine, Waterville
James Allen Rowe, Strasburg
David Howard Samples, Galipolis
“John Allen Sarcett, Cleveland
Katherine Stein Sather, Middletown, Pa.
Robert Louis Schib, Springfield
John Raymond Schnipke, Coventdale
Richard George Schweinfurth, Prospect
Gene Henry Setton, Cincinnati
Lawrence Stephen Shaltz, Washington C. H.
William Marshall Sharpe, Waterville
Gerald Lee Shaw, Springfield
John Franklin Shontz, Strasburg
Gary Max Short, Archbold
Michael William Siegrist, Dresden
John Andrew Simons, Sidney
Roger Wayne Smith, Cambridge

Mark Richard Steiner, Rittman
Kim Stevelt, Marysville

Dennis Ellsworth Stryker, Bradford
Douglas Irvin Swartz, Union
Edwin Alan Tompkins, Marengo
Larry Martin Tietje, Heider
John Alexander Tkatzenklo, Columbus, B.A.

Pamela Ann Truescott, Birmingham
Richard Lowell Van Tilburg, Celina
Theodore R. Vartorella, Berlin Heights
William Charles Wade, Farmdale
Karen Ruth Wieder, Chilton, N. J.
Eldon Dean Winton, Sunbury
Ernest Franklin Wise, Jr., Tiffin
Robert Fisher Woodruff, Oxford

* Also Master of Science, Graduate School
Bachelor of Science in Food Technology
Three candidates
Kenneth Leland Beck, Findlay
Martha Wehr Eshle, North Lima
Richard Lynn Houtzer, Lima

Bachelor of Science in Natural Resources
Four candidates
Lawrence Marsh Davis, Columbus
Mark David Johnson, Mt. Victory
Donald Anthony Kronstein, Garfield Heights
Michael Alan Loveman, Medina

School of Home Economics
Bachelor of Science in Home Economics
Forty-four candidates
Susan Kathleen Abbott, Columbus
Donna Beatrice Anditis, Boca Raton, Fla.
Carol Louise Bender, Prospect
Elaine Ann Brautigam, Sidney
Linda Grace Brown, Nelsonville
Judy Edna Carman, Columbus
Pamela Fellows Chamanick, Columbus
Sandra Shonkwiler Cindric, Columbus
Patricia Scott Elam, Columbus
Sandra Marie Eyering, Westlake
Carol Ann Fisher, Canal Winchester
Joanne Edmonds Fisher, Bernardsville, N. J.
Nancy Marilyn Fisher, Worthington
Barbara Kay Hendricks, Spencer
Joyce Powell Hopkins, Columbus
Sharon Stocke Huber, Columbus
Susan Owen Hupp, Chevy Chase, Md.
Gail Bell Karam, Massillon
Catherine Hackett Kirwin, McDermott
Linda Smith Knight, Columbus
Pamela Jay Lese, Hilliard
Anita Marie Maritsa, Columbus
Jackie Lee McIntyre, Worthington
Laverne Blankenship Michel, Salem, Mo.
Joan Abbott Motil, Worthington
Gary Lee Ogg, Kettering
Sandra Adams Ostgaard, Milford Center
Gloria Jean Pittenger, Reynoldsburg
Karen Sue Powelson, Nashport
Deborah Jean Randsell, Cincinnati
Martha Michelle Reed, Zanesville
Nanette Ricer, Columbus
Barbara Jane Semon, Parma Heights
Bonnie Sue Singer, Columbus
Lynn Kauth Stockert, Canton
Carla Ann Streng, Columbus
Karen Durigz Sturitz, Marion
Linda Kay Tatka, Canton
Marilyn Sloan Thompson, Dayton
Marcia Rose Werley, Westerville
Lois Ann Woltz, Waverly
Linda Kay Wood, Kenton
Brenda Lynn Yost, Berkeley Springs, W. Va.
Carol Cheskewicz Yurok, Columbus

Bachelor of Science in Restaurant Management
One candidate
G. David Brundage, Wantagh, N. Y.

Bachelor of Science Education
Three hundred and twenty-six candidates
Linda Beth Alberty, Cleveland
Otto Thomas Albrecht, Jr., Columbus
Carolyn Sue Allen, Worthington
George Archie Allen, Jr., Columbus
James William Allen, Sr., Columbus
Linda Marie Amann, Dayton
Ruth Immell Anderson, Columbus
B. S. Soc. Ed.
Frank Martin Andrus, Columbus
Jerry Howard Arnott, Jeromesville
Cathy Sue Arnold, Columbus
Rita Joan Arthur, Leesburg
Richard Reginald Ashburn, Sandusky
Karen Sue Atkinson, Cincinnati
Norma Anne Babtist, North Canton
Paul David Bader, Harrison
Miriam Bain, Columbus
Joyce Boroski Baker, Columbus
Marie Kristine Ballinger, Columbus
Mary Kathleen Ballinger, Columbus
Constance Elaine Ballmer, Columbus
Sondra Elaine Baron, Shaker Heights
William Andrus Barr, Westerville
James Edward Bauder, Columbus
Cynthia Ann Bellas, Cornell
Honey Brook, Pa.
Mary Jo Bender, Columbus
Pamela Benke Bendig, Durham, N. C.
Don Christopher Bianco, Columbus
Marsha Sulayne Bitter, Lima
Susan Smith Blackburn, Columbus
Stephan Nolan Blake, Columbus
Margaret Livingston Bland, Columbus
Ted Joseph Borchers, Fort Loramie
Anita Jean Bowman, New Carlisle
Mary Clarke Boyle, Columbus
Christopher James Brady, Laguna Hills, Calif.
Susan Koelliker Brandstetter, Columbus
Charlene Annette Brooks, Marion
Carol Stidham Brown, Shelby
Eileen Marcia Brown, Beachwood
Jeri Lee Buckingham, Dublin
Lanette Kathleen Buds, Seven Hills
Shirley Ackerman Burge, Fredericktown
Michael Howard Burroughs, Wyoming
Mary Ellen Byrnes, Upper Sandusky
Francisca Ann Cabrera, Columbus
Scherrie Tope Capenhart, Columbus
Theodore Albert Capretta, Jr., Columbus
Michael Lee Casey, Galion
Lynn Elizabeth Cassell, Columbus
Mary Fisher Catanzaro, Columbus
Kim Diane Chlebisch, Independence
Mark Tanner Clark, Hudson
Daniel Schaffner Cody, Columbus
B.A.
Gary Stephen Cook, Wapakoneta
Susan Brubaker Cook, Columbus
Terri Ferrell Cozart, Columbus
Cheryl Craven Craig, Bluffton
Karen Sue Crawford, Jackson
Charles Daniel Cunningham, Columbus
Rebecca Sue Custis, Sabina
George Thomas Dalton, Columbus
Susan Elizabeth Daum, Hudson
Belinda Sue Davis, Plain City
Linda Kuhlwein Davis, Columbus
John Allan Dearing, Jr., Newark
Judith Cotterman Denbow, Newark
Mark Steven Denbow, Worthington
Barbara Joyce Deutch, Floral Park, N. Y.
Debra Lee DiDomenico, Washington C. H.
Barbara Jo Dillman, Bryan
Marna Lamke Downey, Lima
John Daniel Drummond, Maumee
Paul Thomas Dunphy, Cincinnati
Sharon Marilyn Durie, Buffalo, N. Y.
Phyllis Jean Durie, Bucyrus
Michael John Dusenberg, Columbus
Jenny Jansen Ellis, Columbus
Gail Susan Emerman, Cleveland Heights
Caris Woodward Eschenauer, Columbus
Charon Leta Ewersh, Newark
Darlene Marie Evertig, Euclid
Martha Cooperider Evans, Utica
Phyllinda Kay Ewing, Cambridge
Tina Marie Jacomette Fann, Columbus
James Fedorks, Columbus
Marvin Earl Feldner, Belle Valley
Byron Collett Ferris, Loudonville
Laura Christine Fischer, Toledo
Constance Lee Fisher, Columbus
C.B.S.C.D.:
James Edmond Fink, St. Marys
Carolyn Foster, Columbus
Frances Susan Franke, Bloomington
Helen Robin Friedman, Old Bethpage, N. Y.
Warren David Frindt, Cleveland
Judith Leblanc Frischen, Heath
Andrew Bryan Frowine, Portsmouth
Suzan Lesley Frumin, Stokie, Ill.
Vicky Louise Fulfen, Xenia
Linda Burns Fulton, Columbus
Lawrence Albert Faqua, Sandusky
Lana Ault Gandert, Edison
Peggy Ann Garson, Dayton
Dewey Arthur Garner, Columbus
B.S.Bus.Adm.
Jack W. Geckeler, Columbus
B.Se. in Bus.Adm. (Franklin
University)
Mary Tullis Gibson, Shiloh
Enid Laurie Gilbert, New York, N. Y.
Karen Lee Gliek, Mansfield
Amy Kronheim Goldmark, Shaker Heights
Gloria Ann Gomwe, Danville
Connie Marie Gossard, Harrod
Linda Marie Goughenou, Versailles
Maureen Anne Gray, Wakeman
Ann Louise Gray, Bay Village
Ellen Jeanne Greene, Zanesville
Nena Ann Grimes, Troy
Julia Hiatt Guerra, Columbus
Gerald Sherman Gunney, Cleveland Heights
Barbara Jean Gustafsson, Fairfax, Va., B.A.
Amy Fishbein Hagemann, Elgin, Ill.
John Bay Halsey, Jackson
Shirley Jean Hammond, Mansfield
Wanda Inesha Hancock, Bucyrus
Heidi Hildegardie Hansen, Cleveland Heights
Julia Ann Hansen, Medway
Jacqueline Ruth Harper, Wilmington
Mary Lucille Hatton, Westerville
Nancy Lou Hayry, Akron
Cynthia Alice Hayeslett, Brookville
Elizabeth Wernher Heiby, Columbus
Bonnie Kay Heineman, Columbus
Marvin Walter Heitmeyer, Ottawa
Melvin Albert Hoppmeyer, Ottawa
Linda Fouci Heminger, Columbus
David Cyril Hemmelgarn, Worthington
Patsy Stebelton Hendrix, Columbus
Peggy Marie Henson, Mansfield
Janet Tommick Hicks, Columbus
Bobbie Lou High, Mansfield
Aithea Beatrice Hill, Washington, D. C.
Terry Wayne Hindenlang, Columbus
Terry Jo Hinton, Columbus
Donna Lochner Hixson, Columbus
Gail Ruth Hoffman, Akron
Randa Gail Holbrook, Chesapeake
Susan Lyn Hurwitz, University Heights
Patricia Adele James, Columbus
Jean Ann Johnson, Chagrin Falls
Michael Anthony Jolley, Columbus
Harry Eugene Jones, Cincinnati
Michael Evan Joseph, Beachwood
Mark Edward Kapel, Boston, Mass.
Lucille Frances Kasovic, Parma
Edward Francis Keating, Lima
Barbara Louise Keller, Belleair
Jeanne Schell Keller, Marion
Sharon Simon Kelm, Cincinnati
Kunice Shank Keen, Shelby
James Allen Kerns, Jr., Brunswick
Patrick Grant Keys, Elyria
Karen Sue Kline, Valley City
Nancy Elizabeth Kingsbury, Akron
Marjorie Kitts Kinkaid, Columbus
Nancy Kay Knight, Manhattan, Kan.
Mark Steven Komessar, Youngstown
Daniel Mark Kover, Columbus
Lynda De La France Konar, Lorain
James Edward Konman, Columbus
Virginia Augenstein Krider, Marion
George Kurt, Columbus
John Robert Kurtz, Columbus
Barbara Lynn Lally, Columbus
Claudia Ruth Landen, St. Louis, Mo.
Gwen Humphries Landon, Columbus
Sueila Thomas Landrign, Columbus
Nancy Eileen Lange, Barberton
Janette Nancy Lask, Bay Village
Albert Laux, Plymouth
Brenda Dianne Lee, Galion
Thia Sanders Leon, Marengo
Seryl Ann Rothkin Levin, Columbus
Linda Robin Levine, Scaredale, N. Y.
Samuel H. Liebfreund, Groveport
Bonnie Esther Liffard, Norfolk, Va.
Deborah Mala Lindner, Cincinnati
Loren Hoagland Long, Columbus
Diana Elizabeth Lowrie, Columbus
Gregory Glenn Lucas, Columbus
Beverly Erwin Lynch, Columbus
Mary Jane Marley, Ashland
Mary Michele Matchette, Rocky River
Patricia Ann McCloy, Cincinnati
C.B.S.C.D.:
Loretta Seither McCollum, Columbus
Philip Rae McCrery, Columbus
Marsha Ann McKee, Gahanna
Catherine Elliott McMillan, Glenmaw, Pa.
Thomas Joseph Medaglia, Columbus
John Charles Medley, Shelby
Susan Faith Meier, Corvallis, Ore.
Susan Jane Menear, Columbus
Cheryl Parzinger Miller, Columbus
Kristina Baker Modern, Mansfield
Anna May Moeller, Fairview Park

* Also Bachelor of Arts, Colleges of the Arts and Sciences
Joyce Rosenfeld, Terry
Patricia Anne
Leila Pierce
Joyce
Sue
Gail
Patricia
Hillary Jean Roth, Cincinnati
Richard Alan
Patricia Patrick Ross,
Katherine
Jeanne Eilet'n Peters, West
Sandra Buckey Paxton, Columbus
Susan
Sharon
Catherine Carurn Pinter,
Elsie Leila Rife,
Donna Laurienzo Rana,
Joan
Cheryl Ann Pakish, Cleveland
Kathleen Ann
Rita Jean
Richard
Catherine Coulter
Gary
Charles Dennis
Kristine Kay
Penny
Philip
Fred
Donna (;ail Mullins,
Elden
Daniel Oti.s
Columbus
Anne Ruzicka,
Nancy
Frances
Keller
Ilene Roach, Sidney
Lee Rickel, Burbank
George Rao, Columbus
John Clayton Zellers, Berea
Donna Jean Ziga, Cortland

Bachelor of Art Education
Offered jointly by the
College of The Arts and the
College of Education
Thirteen candidates
Mark Comerly Brock, Akron
Sandra Elaine Carney, Galion
Constance Snyder Fisher, Columbus
Connie Sue Hartsook, Grove City
Karen Lynne Kerchner, Columbus
Catherine Sue Long, Springfield
Kathleen Ann McKenna,
Fairview Park
Joyce Brian Meyer,
Franklin Square, N. Y.
Donna Jean Weightman Olson,
Columbus
Gail Elizabeth Paska, Columbus
Betty Ann Schlecker,
North Woodmere, N. Y.
Barbara Howser Sparks, Radnor
Susan Catherine Studer, Mansfield

Bachelor of Music Education
Offered jointly by the
College of The Arts and the
College of Education
Eight candidates
Eric Timothy Davis, Vandalia
Robert Daniel Devine, Jr., Lakewood
Linda Deffinger Isler, Mansfield
David Allen Klopfenstein, Shelby
Linda Marie Lufter, Avon Lake
Barbara Beth Koerner Magree,
Columbus
Suzanne Waltz, Mansfield
Gail Susan Weinberg, Canton
### Bachelor of Science in Aeronautical and Astronautical Engineering

*Five candidates*

- David Orville Ernst, Columbus
- John Thomas Jewett, Columbus
- Ehud Kibel, Lyndhurst
- David Lewis Walters, Niles

### Bachelor of Science in Agricultural Engineering

*Four candidates*

- Alan Carl Friedstrom, Ashtabula
- David Bruce Gamble, Columbus
- Kenneth Albert Kreinbrink, Findlay
- David Paul Shafer, Washington C. H.

### Bachelor of Science in Ceramic Engineering

*Two candidates*

- Wayne Thomas Hancock, Youngstown
- Sharon Spencer, Columbus

### Bachelor of Science in Chemical Engineering

*Two candidates*

- John Anthony Douglas, Georgetown, Guyanna
- Alan Philip Lawrence, Brecksville

### Civil Engineer

*One candidate*

- George Louis Lignos, Cleveland B.S.C.E.

### Bachelor of Civil Engineering

*One candidate*

- Thomas Milligan, Jr., Columbus

### Bachelor of Science in Civil Engineering

*Eighteen candidates*

- John Albert Bond, Jr., Franklin
- Christopher Lee Boyd, Lucas
- James Francis Braman, Steubenville
- Larry James Coomer, Fremont
- Mitchell Wayne Coster, Xenia
- James Keith Crowl, Columbus
- Thomas Earl Jedinsky, Solon
- Steven Gary Jewell, Columbus
- Michael Harold Lang, Waterford
- Robert Alan Long, Lima
- James Lynn Martin, Columbus
- Douglas Carl Nims, Troy
- Thomas Edward Owings, Columbus
- Stephen Klemm Prater, Marion
- Mehmet Bulent Tint, Columbus
- Gregory George Vrabel, Parma
- Robert Poyton Walker, Jr., Portsmouth
- Michael Lynn Weiler, Cardington

### Bachelor of Science in Computer and Information Science

*Fourteen candidates*

- Robert Ronald Ainslie, Williamsville, N. Y.
- Judith Elaine Bum, Marietta
- Larry Lee Boyer, Columbus
- Bruce Alan Burgin, Toledo
- Paul Wilson Calloway, Reynoldsburg
- Gary Edward Conyer, Sandusky
- Michael Joseph Gallagher, Westerville
- Grant Robert Jensen, Jr., St. Albans, W. Va.
- John Alfred Lowy, Columbus
- Earl Joseph Quick, Mansfield
- David Reekso, H., Cincinnati
- Timon Lee Runyan, Cincinnati
- Lawrence Michael Stover, Columbus
- Cindy Lou Weeks, Norwalk

### Bachelor of Electrical Engineering

*Two candidates*

- James Louis Fugle, Columbus
- Thomas Gilbert Mayhew, Columbus

### Bachelor of Science in Electrical Engineering

*Thirty-one candidates*

- Lauren Edgar Anstead, Columbus
- Richard Edgar Bailey, Columbus
- David Frank Baker, Delaware
- John William Bauerle, Radnor
- Howard Bert Bumpartner, West Chester
- Franco Cosentino, Canton
- Paul Anthony Dickson, Columbus
- Geoffrey Wayne Doyle, Cincinnati
- James Thomas Ellis, Columbus
- Jerry Lee Harbin, Columbus
- Donald Joseph Jergens, Columbus
- James Clyde Jones, Columbus
- Robert Andrew Lipp, Columbus
- John Alfred Lowy, Columbus
- Joe Craig Medora, London
- Robert Charles Munroe, Columbus
- Charles Joseph Alumnne, Galloway
- George Peter Olson, Columbus
- Monte K. Prevost, Navarre
- Glenn Edward Ryan, Westerville
- John Thomas Showron, Berea
- Gary Douglas Slack, Columbus
- Frank Arden Squrow, Columbus
- Daniel Lynn Steiner, Columbus
- Gerald Masaji Takasaki, Hakalan, Hawaii
- Grace Delene Tanor, Columbus
- Edward Dean Turner, Columbus
- William Gary Warner, Worthington
- Gary Mark Webster, Sidney
- Douglas Parker Woods, Westerville
- David Anthony Zemanek, Lorain

### Bachelor of Science in Engineering Physics

*One candidate*

- John Michael Galliant, Columbus

### Industrial Engineer

*One candidate*

- Moynuddin Niazuddin Shaikh, Poona, India

### Bachelor of Science in Industrial Engineering

*Thirteen candidates*

- Michael Joseph Foley, Warren
Robert Lee Harmon, Laurelville
Russell Dean Hunter, Bucyrus
Robert Allen Kreudy, Worthington
Thomas Raymond Laine, Conneaut
John Julius Marsh, III, New Philadelphia
Frank Michael Marzich, Canton
Donald Alan Poe, Columbus
David Rocksett, II, Cincinnati
Randal Alan Schworm, Worthington
Lee Allen Simpson, Columbus
David Scott Sink, Findlay
Thomas Edward Zipf, Columbus

Bachelor of Science in Mechanical Engineering
Sixteen candidates
David George Bernier, Hamilton
Chris Richard Case, Galion
James Wayne Cox, Jr., Columbus
Gerald Mark Elliott, Columbus
Robert Henry Granzow, Jr., Miamisburg
Michael William Konderson, Parma
Carl Alan McMullen, Columbus
Mark Peters Monsarrat, Columbus
Robert Andrew Novak, Geneva
Michael Corwin Prentice, Columbus
David Steven Rader, Huntington, W. Va.
James Wagner Rinehart, Columbus
Kenneth Bruce Scott, Cincinnati
David Michael Shaw, Perrysburg
Frank Loveland Sterling, Poland
Gary Dean Stone, Mansfield

Bachelor of Metallurgical Engineering
One candidate
1 Michael Carrol Long, Columbus

Bachelor of Science in Metallurgical Engineering
One candidate
Timothy James Schwartz, Worthington

School of Allied Medical Professions
Bachelor of Science in Allied Health Professions
Four candidates
Robert Patrick Gill, Columbus
B.S. (Kansas State University)
Charles Henry Hollingsworth, Jr., Columbus
Donna Byrne Morgan, Nankin
John David Sampson, Columbus

Certificate of Post Baccalaureate Circulation Technologist
Two candidates
Edward Michael Tann, Columbus
B.S. (Ohio Dominican College)
William Steve Vokonas, Columbus
B.S.

Certificate of Post Baccalaureate Medical Technologist
Four candidates
Melissa Jane Callahan, Charleston, W. Va.
B.A. (Marietta College)
Dale Matthews Driver, Newark
B.S. (Winston Salem State College)
Wayne Curtis Hawley, Endicott, N.Y.
B.A. (Union College)
James Edward Whited, Columbus
A.B. (Olivet Nazarene College)

Certificate of Nurse Anesthetist
Six candidates
Rebecca Ann Allen, Miamisburg
R.N. (Miami Valley Hospital, School of Nursing)
Robert Hiley Arwine, San Lorenzo, Calif.
Mary Ann Boyd, Columbus
B.S.Nurs.
Carol Ann Des Lauriers, Columbus
R.N. (Massachusetts General Hospital, School of Nursing)
Judith Lowmilller Sherwood, Columbus
Paul Joseph Wulf, Columbus
R.N. (Saint Anthony's Hospital School of Nursing)

School of Nursing
Bachelor of Science in Nursing
Sixty-six candidates
Sandra Marie Altenbach, Lima
Judith Ann Barger, Kenton
Sherry Lynne Beggs, North Canton
Linda Anne Belter, Cleveland
Judith Butler Bollinger, Columbus
Becky Jane Bryan, Zanesville
Susan Marie Buckles, Lorain
Shirley Hambrick Butler, Columbus
Theresa Ann Case, Columbus
Marcia Ann Chew, Shelby
Joan Carol Daniel, Columbus
Katherine Sullivan Dickey, Marietta
Diane Marie Durham, Delta
Lee Anne Entinghe, Lima
Joanne Kitzler Fogel, Sidney
Mary Margaret Gagen, Mt. Vernon
Terrie Rae Garner, Walbridge
Marlene Rose Gerowin, Cleveland
Linda Kay Handwork, Salem
Janis Marie Hawley, Lorain
Janis Ann Hays, Ada
Pamela Sue Huber, Bellville
Sherry Warvel Hull, Brookville
Barbara Ann Janik, Youngstown
Elizabeth Harger Johnston, Bowling Green
Priscilla W. Jurkovich, Columbus
Janie VanGilder Katz, Columbus
Keeplan Dawn Kunst, Springfield
Linda Marie Kurtz, Wintersville
Sandra May Lawrie, Fairview Park
Debbie Ann Loewer, Phoenen
Diane Beeler Lowe, Columbus
Rebecca Price Maloney, Chillicothe
Sue E. McCoy, Akron
Susan Jane Metzger, Delaware
Virginia Grace Miller, Columbus
Susan Elaine Morgan, Portsmouth
Carol Lynn Mullins, Dayton
Karen Ann Mullins, Lima
Gail Susanna O'Neal, Toledo
Deborah Ann O'Shea, Oregon
Rosie Ann Perdue, South Zanesville
Kathryn Temple Pollard, Columbus
Barbara Joan Ralston, Columbus
Patrice Ellen Rancour, Parma
Janet Marie Rauch, Columbus
Deborah Clara Rauck, Grove City
Wendy Ressler, Rocky River
Nancy Connelly Rini, Toronto

1 Also Bachelor of Science in Computer and Information Science, College of Engineering
2 Also Master of Science, Graduate School
Susan Richardson Rovick, Cambridge
Sandra Jo Russell, Warren
Joyce Serksnis Sarris, Columbus
Barbara Lynn Schaefer, Cincinnati
Barbara Jean Schaublin, Ottawa
Shirley Ann Scott, Columbus
Retha Kay Shultz, Greenfield
Lynn Marie Simon, Columbus
Frances Ann Smrekar, Bridgeport
Margaret Elaine Steele, Millersport
Mary Catherine Thome, Akron
Victoria Lynn Warschauer, Satellite Beach, Fla.
Martha McFarland Weaver, Columbus
Sally Jo Weber, New Philadelphia
Bernice Uhl Wilson, Columbus
Terry Patricia Wise, Norwalk
Susan Patricia Worcester, Akron
Graduates with Honors

Summa Cum Laude
Suzanne Rose Armitage, Worthington
Margaret Livingston Bland, Columbus
Judith Elaine Bom, Marietta
Timothy M. Cardina, Akron
Regina Martin Carroll, Columbus
Christine Lee Cole, Columbus
Linda Kuhlwein Davis, Columbus
Kathleen Lynne Evans, Columbus
Douglas Alan Ferguson, Lima
Fredrick Lee Fisher, Columbus
Poppy Laurie Girton, Columbus
Fredrick Lee Fisher, Columbus
Kathleen Lynne Kuhlwein Davis, Columbus
John Alfred David Allen Marsh, III, Columbus
Pamela Sue Manley, Columbus
Catherine Gwen Humphries Landon, Columbus
Joan Reely Patterson, Marion
Barbara A. Paxton, Columbus
Leslie Howard Peterson, Wellington
John Franklin Shofft, Strasburg
Gerald Masaji Takasaki, Columbus
Hakalaus, Hawaii
Dale Randolph Takott, Xenia
Victoria Kirby Titus, Marion
Beth Steiner Ulery, Worthington
Mary Jo Van Heyde, Columbus
Barbara Betz Ward, Columbus
Bernice Uhl Wilson, Columbus

Summa cum laude and with Distinction in Agricultural Education
Dennis Ellsworth Stryker, Bradford

Summa cum laude and with Distinction in English
Barbara Mae Albee, Columbus
Dwight Edward Weber, Cincinnati

Summa cum laude and with Distinction in History
Patricia Watson Turvey, Columbus

Summa cum laude and with Distinction in Home Economics
Linda Smith Knight, Columbus

Cum Laude
Jean Acks Amos, Euclid
Carol Louise Bender, Prospect
Miguel Mauricio Bowen, Columbus
Eric Dale Bowman, Columbus
Eileen Marcia Brown, Beachwood
Helena Maria Buch, Lima
Shirley Hambrick Butler, Columbus
James Ray Carroll, Columbus
Mary Fisher Catanaro, Columbus
Stephen Fraser Cherrington, Columbus, Va.
Susan Bruhn Cook, Columbus
Linda Susan Constantine, Parma
James Barton Couch, Archbold
Nancy Aikens Craun, Columbus
Jean Marie Dalicandro, Skokie, Ill.
Joan Carol Daniel, Columbus
Maureen Annette Delphia, Columbus
Michael John Delphia, Columbus
Kathleen Lynne Dight, Skokie, Ill.
Elizabeth Jane Finan, Danville
Constance Snyder Fisher, Columbus
David Clarence Frederick, Kettering
Linda Burns Fulton, Columbus
Elynn Laura Goldstein, Atlanta, Ga.
Gerald Sherr B. Gurney, Cleveland Heights
Jacqueline Ruth Harper, Wilmingtong
David Cyril Hemmelgarn, Worthington
Peggy Marie Henson, Mansfield
Sharon Stuckey Huber, Columbus
Juliet Satoff Hyatt, Columbus
Barbara Ann Janik, Youngstown
Alice Dee Kanoshoff, Allsohn, Pa.
Linda Lou Kelley, Hillsboro
William Joseph Kelly, Jr., Columbus
Sharon Simon Kelin, Cincinnati
Marjorie Easton Kistemaker, Columbus
Denise Thea Kontras, Columbus
Barbara Lynn Lally, Columbus
Daniel Paul Lammertise, Akron
Mary Ann Lavery, Akron
Clark Baker Lawrence, Columbus
Sandra May Lawrie, Fairview Park
David Eugene Lewandowski, Toledo
Mark Alan Liebener, Canton
Hebbie Ann Loewer, Phonon
Gary Allen Lukes, Columbus
Charles Walter McCoy, Columbus
Laurie Chun MeEnery, Bedford
Kathleen Ann McKenna, Fairview Park
John Charles Medley, Shelby
Thomas Milligan, Jr., Columbus
Mark Peters Monsarratt, Columbus
Cindy Lookabough Moutenaste, Columbus
Laura Ann Nicholl, Columbus
Shelley Pat Nierenberg, Dayton
Kristine Kay Peters, Columbus
Monte K. Provoet, Navarre
Thomas Edward Purtell, Leesburg
Patrice Ellen Ranoun, Parma
Joyce Paletin, Columbus
Lucinda Allison Reynolds, Columbus
Katherine Bigger Roman, Mansfield
Glenn Stephen Roush, Hillsboro
Glenn Edward Ryan, Westerville
Thomas Clement Scherer, Columbus
Pamela Kay Scott, Cincinnati
Jerry Dwight Sel, Columbus
Stephanie Laseh Shaw, Newark
Kathleen Susan Smigel, New Philadelphia
Frances Ann Smrekar, Bridgeport
Karen Durigg Sturzt, Marion
Gregory Edward Tolla, West Farmington
Janet Elaine Tricker, Warren
Edward Dean Turner, Columbus
Jane Louise Vovk, Columbus
Mary Hardy Ward, Columbus
William Gary Warner, Worthington
David Ross Wilson, Kent
Diane Uhl Wright, Columbus
Michael Medin Zimmerman, Cincinnati

Cum laude and with Distinction in Animal Science
Kevin Donald Czeczeran, Chillicothe
John Allen Sarkett, Cleveland

Cum laude and with Distinction in Natural Resources
Lawrence Marsh Davis, Columbus

Cum laude and with Distinction in Social Sciences
John William Guendelberger, Sandusky

Cum laude and with Distinction in Sociology
Richard Keith Sheir, University Heights

With Distinction in Agricultural Economics
Roger Wayne Smith, Canal Winchester

With Distinction in Agronomy
Steven Curtis Davis, Xenia

With Distinction in Animal Science
Katherine Stein Sather, Meadville, Pa.

With Distinction in Anthropology
Philip Wilber, Toledo
William James Woolf, Jr., Columbus

With Distinction in Ceramic Art
Clayne McCuly Chase, Columbus

With Distinction in History
Peter Daniel Skibbunt, Cleveland

With Distinction in Political Science
Frank Leonard Staniszewski, Independence

With Distinction in Theatre
Alan Barnholz, Skokie, Ill.
THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Mansfield, Ohio, April 6, 1973

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1973, at The Ohio State University Mansfield Regional Campus, Mansfield, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.

* * *
April 6, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of Department of Industrial Design

The University Senate at the March 6, 1973 meeting approved the change in the status of the Division of Design to the Department of Industrial Design, effective July 1, 1973.

In its four years of existence, the Division of Design has established programs leading to the degrees Bachelor of Science in Industrial Design and Master of Arts. Public service and research opportunities are many and varied in the area of industrial design, a field which is recognized by universities nationally and internationally as a unique area of academic concern.

President Enarson recommended that the Department of Industrial Design be established in accordance with the University Senate's recommendation.

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

B. Reprinted Publication Entitled--Statutes Applying to the University, 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 May, 1972. The statutes of the Ohio Revised Code pertaining to The Ohio State University and printed in this publication have been revised to include those actions adopted by the 109th General Assembly.

President Enarson recommended that this publication be accepted in its reprinted form as the official publication of the Board of Trustees.

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

II. PERSONNEL CHANGES

Personnel changes since the March 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignation, Appointments, Leave of Absence Without Salary, and Emeritus Titles:
III. PERSONNEL CHANGES (continued)

A. Resignation

Luvern L. Cunningham has resigned his position as Dean of the College of Education, effective June 30, 1973. Dr. Cunningham will continue as a Professor in the College of Education on a part-time basis and will serve as Executive Director of an educational task force in the Detroit Public Schools.

B. Appointments

Henry G. Cramblett, Dean of the College of Medicine, effective July 1, 1973, at a salary of $43,008.00 per annum (twelve-month appointment). Dr. Cramblett will continue to hold his professorships in the Departments of Medical Microbiology and Pediatrics.

C. Roger Smith, Dean of the College of Veterinary Medicine, effective immediately, at a salary of $35,088.00 per annum (twelve-month appointment). Dr. Smith will continue his academic appointment as Professor in the Department of Veterinary Physiology and Pharmacology.

Edna L. Fritz, Professor and Director, School of Nursing, effective August 1, 1973, at a salary of $27,960.00 per annum (twelve-month appointment).

C. Leave of Absence Without Salary

Francille M. Firebaugh, Professor, School of Home Economics, effective March 1, 1973 through June 30, 1973, to review research proposals and assist with home management and family economics programs with USDA-Cooperative State Research Service in Washington, D.C.

D. Emeritus Titles

Carl E. Venard, Department of Entomology, with the title Professor Emeritus, effective January 1, 1973.

Byron E. Gamble, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1973.

President Enarson recommended that the Resignation, Appointments, Leave of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
President Enarson recommended that the following report of contracts and grants negotiated and monies received since the March 2, 1973 meeting of the Board be accepted.

**SUMMARY**

<table>
<thead>
<tr>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
<td>12</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>37</td>
</tr>
<tr>
<td>The Engineering Experiment Station</td>
<td>2</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>1,625</td>
</tr>
</tbody>
</table>

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Dr. Sirak, seconded by Mr. Cushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.
March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0076)


d. $262,200.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Instructional Systems Design, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0078)

e. $108,708.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Diffusion Strategies for Career Education, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0080)

f. $72,933.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 30 enrollees, under the direction of the College of Administrative Science, for the period September 27, 1972 through August 31, 1973. (Model Cities Contract No. 30-3437)
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

   g. $68,250.00 additional grant by National Science Foundation, Washington, D.C., to the University for support of the 1973 National Science Foundation Graduate Traineeship Program, under the direction of the Graduate School. This grant expires on September 30, 1974. (Grant GZ-2769, Proposal No. 3/Z30-3925)

   h. $49,300.00 granted by State of Ohio - Rehabilitation Services Commission, Columbus, Ohio, to the University for the Franklin County PA/VR Expansion Grants Evaluation Project, under the direction of the School of Social Work, for the period December 12, 1972 through November 30, 1973. (Grant No. 25-P-65439/5-02)

   i. $25,505.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 100 enrollees, under the direction of the School of Social Work, for the period September 27, 1972 through June 30, 1973. (DOL Contract No. N5-2519-39)

   j. $24,299.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 30 enrollees, under the direction of the School of Social Work, for the period September 27, 1972 through August 31, 1973. (Model Cities Contract No. 30-3437)

   k. $14,668.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05742-02)

   l. $3,470.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Library Resource Support, under the direction of the University Libraries, for the period March 1, 1973 through February 28, 1974. (Grant No. 5 G01-LM00684-05)
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period February 1, 1973 through February 28, 1973.

1. Federal Research Contracts

      Gross Value - $5,000.00.

      Gross Value - $81,000.00.

      Gross Value - $36,500.00.

      Gross Value - $27,893.00.

      Gross Value - $22,107.00.

      Gross Value - $27,495.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

   Gross Value - $75,967.00.

   h. U. S. Army, San Francisco Procurement Agency, Oakland, California, Development of Army Career Profiles (to be known as Project No. 3620-A1 - New - Academic Faculty of Management Science).
   Gross Value - $3,150.00.

   TOTAL - Federal Research Contracts $249,112.00

2. State Research Contract

   Gross Value - $26,536.56.

3. Industrial and Other Research Contracts

   Gross Value - $40,923.20.

   b. Coordinating Research Council & Environmental Protection Agency, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-A1 - Mod. #4 - Department of Preventive Medicine).
   Gross Value - $53,393.00.

   c. Coordinating Research Council & Environmental Protection Agency, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-B1 - Mod. #4 - Engineering Experiment Station).
   Gross Value - $72,607.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts (continued)

d. Space and Missiles Systems Organization, Los Angeles, California, Electrically Small Antennas for Nose Cone Applications (to be known as Project No. 3378-A1 - Mod. #P00004 - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - $4,000.00.

Gross Value - $1,600.00.

f. Systems Engineering Associates, Columbus, Ohio, Test Cell Experiments Involving Liquid and Vaporized Propane (to be known as Project No. 3619-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - $125.00.

TOTAL - Industrial and Other Research Contracts $172,648.20

4. Federal Research Grants

Gross Value - $16,923.00.

b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-D - Ext. #4 - College of Pharmacy).
Gross Value - $13,514.00.

c. National Science Foundation, Washington, D.C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #6 - Department of Physics).
Gross Value - $165,700.00.

d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-D - Ext. #4 - Department of Veterinary Pathobiology).
Gross Value - $60,552.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

  e. Department of Health, Education, and Welfare, Public Health
     Service, National Institutes of Health, National Heart and Lung
     Institute, Bethesda, Maryland, Hypocholesterolemic Agents -
     Stereochemical Studies (to be known as Project No. 2769-D -
     Ext. #4 - College of Pharmacy).
     Gross Value - $36,375.00.

  f. National Science Foundation, Washington, D. C., Carbenic Processes:
     The Chemistry of Diazo Compounds and Related Intermediates (to be
     known as Project No. 3195-A1 - Amend. #2 - Department of Chem-
     stry).
     Gross Value - $41,300.00.

  g. National Science Foundation, Washington, D. C., Metal Complexes
     of Linear and Macrocyclic Tetradentate Ligands (to be known as
     Project No. 3225-A1 - Amend. #2 - Department of Chemistry).
     Gross Value - $41,500.00.

  h. National Science Foundation, Washington, D. C., Development of
     a New Geochronometer Based on the Decay of Lu$^{176}$ to Hf$^{176}$ in
     Rocks and Minerals (to be known as Project No. 3254-A1 - Amend.
     #1 - Department of Geology and Mineralogy).
     Gross Value - $18,200.00.

  i. Department of Health, Education, and Welfare, Public Health
     Service, National Institutes of Health, National Institute of Dental
     Research, Bethesda, Maryland, Periodontal Disease in the Germ-
     free State (to be known as Project No. 3402-A2 - Ext. #1 - College
     of Dentistry).
     Gross Value - $22,036.00.

  j. National Science Foundation, Washington, D. C., A Study of Relaxa-
     tion, Diffusion, and Polarization in the Solid Hydrogens (to be known
     as Project No. 3428-A1 - Amend. #1 - Department of Physics).
     Gross Value - $40,000.00.

  k. National Science Foundation, Washington, D. C., Productivity of
     Tundra Lichens in the Prudhoe Bay Region: Physiological Ecology
     of Arctic Bryophytes (to be known as Project No. 3462-A1 - Amend.
     #1 - Institute of Polar Studies).
     Gross Value - $6,900.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

   Gross Value - $35,012.00.

   Gross Value - $49,964.00.

   Gross Value - $20,400.00.

   Gross Value - $208,200.00.

TOTAL - Federal Research Grants $776,576.00

5. City Research Grant

a. City of Columbus, Columbus, Ohio, Bail System Development Study (to be known as Project No. 3621-A1 - New - College of Administrative Science, Division of Public Administration and Department of Industrial and Systems Engineering).
   Gross Value - $47,520.00.

6. Industrial and Other Research Grants

   Gross Value - $47,000.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

6. Industrial and Other Research Grants (continued)

Gross Value - $50,000.00.

Gross Value - $3,750.00.

Gross Value - $1,500.00.

Gross Value - $3,075.00.

Gross Value - $4,260.00.

TOTAL - Industrial and Other Research Grants $109,585.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period February 7, 1973 through March 1, 1973.

1. Industrial Research Contracts

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EES 408X</td>
<td>Polymer Engineering Research, Owens Illinois Technical Center, Toledo, Ohio</td>
<td>$7,500.00</td>
</tr>
<tr>
<td>Ext. #2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EES 438X</td>
<td>In-Line Separator Efficiency, Pennsylvania Separator Company, Brookville, Pennsylvania</td>
<td>$3,660.00</td>
</tr>
</tbody>
</table>

TOTAL - Industrial Research Contracts $11,160.00
April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through January 31, 1973

<table>
<thead>
<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Solicitation</td>
<td></td>
<td>$434,551.00</td>
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<tr>
<td>Major Resources Group</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Individual Gifts</td>
<td>413</td>
<td>$1,621,966.00</td>
</tr>
<tr>
<td>Corporate Gifts</td>
<td>321</td>
<td>$844,573.00</td>
</tr>
<tr>
<td>Foundation and Non-profit Organization Gifts</td>
<td>236</td>
<td>$862,727.00</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$3,329,266.00</td>
</tr>
</tbody>
</table>

Grand Total: $3,763,817.00

2. Report for July 1, 1972 through February 28, 1973

<table>
<thead>
<tr>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Solicitation</td>
<td></td>
<td>$453,937.00</td>
</tr>
<tr>
<td>Major Resources Group</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Individual Gifts</td>
<td>505</td>
<td>$1,988,296.00</td>
</tr>
<tr>
<td>Corporate Gifts</td>
<td>349</td>
<td>$880,425.00</td>
</tr>
<tr>
<td>Foundation and Non-profit Organization Gifts</td>
<td>290</td>
<td>$954,377.00</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$3,823,098.00</td>
</tr>
</tbody>
</table>

Grand Total: $4,277,035.00

3. Gifts of $5,000 or More

a. $279,517.88 from the Estate of Stanton Youngberg, San Francisco, California, for a purpose to be designated at a later date.

b. $71,028.00 from Robert Wood Johnson Foundation, Princeton, New Jersey, for scholarships in the College of Dentistry.

c. $27,500.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware--$15,000.00 for research in Chemistry, $7,500.00 for research in Chemical Engineering, and $5,000.00 for the Department of Mechanical Engineering to be used at the discretion of the Chairman.
D. The Ohio State University Development Fund (continued)

3. Gifts of $5,000 or More (continued)

   d. $25,475.27 from the Estate of Lucille Morrissey Denney, Columbus, Ohio--$12,737.64 for the School of Music and $12,737.63 for the Shakespeare Memorial Library.

   e. $25,000.00 from the Kiplinger Foundation, Inc., Washington, D. C.--$15,000.00 for the Journalism Building Fund, $8,500.00 for support of the Professorship of Public Affairs in the School of Journalism, and $1,500.00 for the discretionary fund for the Director of the School of Journalism.

   f. $22,460.61 from the Associates of Medicine, Columbus, Ohio, for research in the Department of Medicine.

   g. $21,650.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for its scholarship fund in the College of Medicine.

   h. $10,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for infectious disease research.

   i. $10,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the University Activities Center.

   j. $10,000.00 from National/Ohio 4-H Foundation Campaign, Columbus, Ohio, for its fund in the College of Agriculture and Home Economics.

   k. $9,000.00 from Abbott Laboratories, Chicago, Illinois, for research in the College of Medicine.

   l. $9,000.00 from the Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.

   m. $7,600.00 from G. D. Searle & Company, Chicago, Illinois--$7,400.00 for cancer research and $200.00 for lectures in the College of Pharmacy.

   n. $6,817.80 from Searle Diagnostic, Inc., Columbus, Ohio, for Pharmacology research.

   o. $5,023.35 from Antique Show Receipts, Columbus, Ohio--$4,023.35 for a purpose to be designated at a later date and $1,000.00 for the University Activities Center.

   p. $5,000.00 from Mr. Donald C. Chapman, Columbus, Ohio, to be used at the discretion of the Vice President for Educational Services.
D. The Ohio State University Development Fund (continued)

3. Gifts of $5,000 or More (continued)

q. $5,000.00 from the Duriron Company, Inc., Dayton, Ohio, for its Professorship in Metallurgical Engineering.

r. $5,000.00 from Exxon Education Foundation, New York, New York, for its fellowship in the College of Engineering.

s. $5,000.00 from Jasam Foundation, Inc., Columbus, Ohio, for the study of disadvantaged adolescents in the College of Education.

t. $5,000.00 from National Academy of Education, Syracuse, New York, to be used at the discretion of the Chairman of the Academic Faculty of Educational Administration in the College of Education.

u. $5,000.00 from the Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D.C., for its fellowship in the College of Medicine.

v. $5,000.00 from Mrs. Lydia W. Pollack, Columbus, Ohio, for scholarships in the College of Law.

w. $1,619.08 from the Estate of Hazel C. Youngberg, San Francisco, California, to be used at the discretion of the Board of Trustees.

4. Establishment of Named Fund

a. $1,000.00 from Dr. Francis B. McCormick for the establishment of The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics.

The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics

The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics was established April 6, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Francis B. McCormick. B.S. '39, M.S. '47, Ph.D. '53, Columbus, Ohio.

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

The annual income is to be added to the principal until the fund reaches $10,000. At that time, the annual income is to be used to provide one or more undergraduate scholarships for students enrolled in the
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Fund (continued)

a. The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics (continued)

College of Agriculture and Home Economics and majoring in agricultural economics.

Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Chairman of the Department of Agricultural Economics and Rural Sociology and the Dean of the College of Agriculture and Home Economics or their duly selected successors in any restructuring of the Department, the College, or the University. Recipients will be selected on the basis of scholarly achievement and need with major emphasis given to scholarly achievement. The amount of each scholarship will be determined by the Selection Committee, but in no case will it be less than $500 annually. As occasions permit, faculty members in the Department of Agricultural Economics and Rural Sociology should encourage friends and alumni to make gifts to this fund.

For whatever reason should the need for scholarships in agricultural economics cease to exist or so diminish as to provide unused income, then the income is to be used for undergraduate students at Ohio State University whose home is in Muskingum County, Ohio, with selection being made by the appropriate administrative official of the University who is directly responsible for scholarships.

IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON

Following the presentation of the report of contracts and grants received by the University, President Enarson made the following statement:

Today's meeting of The Ohio State University Board of Trustees on the Mansfield Campus serves well to emphasize the significance the University attaches to its undergraduate programs. The opportunities offered at Mansfield and the other regional campuses surely represent one of the strong points of our undergraduate academic undertaking.

Undergraduate education has been receiving a great deal more attention this past year than it has at any time since the mid-50's. Most departments now have some form of individualized or independent study and have developed ways to more effectively personalize undergraduate
instruction. At the same time the University is taking the initiative in encouraging the development of one-of-a-kind programs which permit some students to design their own programs from among the many rich offerings at Ohio State.

Long a national leader in teaching technology, Ohio State continues to find new and more effective ways of using technology to support the teaching-learning process. To take but one example, computer assisted instruction is now opening up new dimensions of instruction for undergraduates in areas such as classics and philosophy.

In addition to working toward greater personalization of instruction and more effective use of technology, the renewed emphasis on undergraduate education is being reflected in greater rewards for outstanding teaching. The traditional incentives of promotion, tenure and salary are at least as available to outstanding teacher scholars today as they are to distinguished researchers.

Most important perhaps, the University is finding new ways to encourage innovative ideas in teaching. One dramatic example of the kind of work being done is the University Task Force on Learning which has involved well over a hundred people who are working together to share teaching-learning innovations across departments.

We can do more and we will. But in emphasizing undergraduate education, we must not lose sight of the unique role in society played by campus research experts. Research is part of the lifeblood of a university and we need to guard against developments that could weaken this part of the University's function.

We have just heard a report on 51 research contracts and grants awarded during the past month and totaling some $3.9 million. These awards, I believe, should direct attention for a moment to the value of university research.

The search for new knowledge, carried out in close relationship to the other work of the university, is of inestimable value to all of us today and perhaps even more to those who will follow us.

No other segment of society can perform the tasks of the university's research investigators, whose talent, training and experience have prepared them for this work.

At this time, when the financing of higher education is in jeopardy on both state and federal levels, I fervently hope that the work of the researcher not only can receive adequate support but can be strengthened.

It would be folly now for this state and nation to bring about even a partial dispersal of the universities' research experts or to take away their research tools.
IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON (continued)

For the last fiscal year, the dollar valuation of campus research projects was nearly $22 million. Most impressive, however, is the scope and the sophistication of the research studies which Ohio State faculty and graduate students are undertaking. Under Research Foundation agreements alone last year, 519 faculty and 697 graduate students worked on 733 projects in 92 university areas.

It should be noted that this work is undertaken, not as the business of a research institute, but for the educational value derived. In the university, research and instruction are intimately associated—in fact, often may be inseparable.

Among the contracts and grants reported at today's meeting of the Board of Trustees, there are five totaling more than $2.2 million for work in the field of vocational and technical education for the National Institute of Education, and others range from studies of the earth's gravity for the Air Force Systems Command to an investigation of television signal reflections.

Additional agreements involve 'new careers' programs for the Columbus Metropolitan Area Community Action Organization; medical and engineering studies of the effects of carbon dioxide on automobile driving; a veterinary investigation of brain tumors, and work on blood coagulants.

The variety of research pursuits represented on the campus underlines the capacity of the research staffs on the comprehensive university to help solve the problems facing us today, to expand the limits of our knowledge and to bring to this community the creative work of attacking these projects.

Beyond teaching and research, to turn for a moment to the third part of Ohio State's mission, the most rapidly growing need in our society appears to be for greater emphasis on the public service function of our colleges and universities. We have made every effort to keep pace with this need through a wide variety of continuing education programs as well as a multitude of other services that we perform for society.

In the near future we will undertake a thrust to open opportunity for education to everyone through a greatly expanded program of evening studies. This is only the beginning of what I predict will be one of the significant trends in higher education. The so called 'knowledge industry' will grow because of public demand for greater access to educational opportunity.

After only a few months as President of Ohio State University I am pleased to report that I feel the University and its regional campuses are uniquely qualified to provide a balanced approach to the three-fold mission of teaching, research and public service; uniquely qualified to meet the growing educational needs of this state and nation.
V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Neil Hall--Renovation

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$441,668.00</td>
<td>$504,632.40</td>
<td>$62,964.40</td>
</tr>
</tbody>
</table>

Changes in the original specifications were requested by the Using Agency to upgrade bathrooms. Also, during construction conditions were found, i.e., steel beams in walls necessitated the change of requested thru-the-wall air conditioners to window units in some locations.

Funds have been provided from Budget Account 801258 (Neil Hall Improvements).

Upon motion of Mr. Hilliker, seconded by Mr. Cushman, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

VI. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Dodd Hall--South Parking Lot Renovation

This project will consist of regrading and resurfacing the existing lot which will eliminate standing water and restore the deteriorated pavement. Lighting will be added for the safety of night-time users, and reseeding of the surrounding area will be accomplished.

Funds are budgeted in Budget Account 801280 (Parking Lot - Dodd Hall).

B. Agricultural Administration Building, School of Natural Resources--Renovations

This project will convert two classrooms in the Agricultural Administration Building into an administrative suite for the School of Natural Resources administrative personnel.
VI. PLANS AND SPECIFICATIONS (continued)

B. Agricultural Administration Building, School of Natural Resources--Renovations (continued)

Funds are budgeted in SB 457 (Utilities and Renovations).

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

VII. REPORT OF AWARD OF CONTRACTS

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

A. Southeast Ohio Area Extension Center

<table>
<thead>
<tr>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$109,012.00</td>
<td>$120,850.00</td>
</tr>
<tr>
<td>$2,950.00</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>$7,800.00</td>
<td>$13,000.00</td>
</tr>
<tr>
<td>$4,454.00</td>
<td>$8,400.00</td>
</tr>
<tr>
<td>$1,638.00</td>
<td>$1,850.00</td>
</tr>
<tr>
<td>$1,491.00</td>
<td>$2,700.00</td>
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<tr>
<td>$2,170.00</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>$457.00</td>
<td>$500.00</td>
</tr>
</tbody>
</table>

Total Contract $129,972.00 $155,100.00
April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Southeast Ohio Area Extension Center (continued)

<table>
<thead>
<tr>
<th>Contract Type</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbing Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6 bids received 2-14-73)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Kuempel Company (Columbus)</td>
<td>$31,734.00</td>
<td>$25,660.00</td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. P-1 Coordination by General Contractor</td>
<td>N/C</td>
<td>N/C</td>
</tr>
<tr>
<td>Alt. P-3 Temporary water supply tank</td>
<td>$3,323.00</td>
<td>+ $1,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td>$35,117.00</td>
<td>$26,660.00</td>
</tr>
</tbody>
</table>

| Heating, Ventilating, and Air Conditioning Contract | | |
| (4 bids received 2-14-73)                        | | |
| Morrison, Inc. (Marietta, Ohio)                  | | |
| Base bid                                         | $29,537.00  | $31,890.00     |
| Alt. HVAC-1 Coordination by General Contractor   | N/C          | N/C            |
| Alt. HVAC-3 Additional HVAC for                   | $635.00     | + $1,010.00    |
| increased size of meeting room                   |              |                |
| Total Contract                                   | $30,172.00  | $32,900.00     |

| Electrical Contract                        | | |
| (6 bids received 2-14-73)                  | | |
| Northwest Electric Company (Marietta, Ohio) | | |
| Base bid                                    | $25,450.00  | $29,300.00     |
| Alt. E-1 Coordination by General Contractor  | N/C          | N/C            |
| Alt. E-3 Additional electric work for         | $1,320.00   | + $800.00      |
| increased size of meeting room               |              |                |
| Alt. E-4 Parking lot lighting                | $2,300.00   | + $1,500.00    |
| Alt. E-5 Electric work for temporary         | $370.00     | + $150.00      |
| water supply                                 |              |                |
| Total Contract                               | $29,440.00  | $31,750.00     |

Total All Contracts                         | $224,701.00 | $246,410.00   |

Funds for this project have been provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center), and Budget Account 953081 (Cooperative Extension Rotary).

*Bids on Plumbing Contract were above the estimate of cost, but it is believed that better bids could not be obtained by readvertising.
April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Goss Laboratory, Law Building, Robinson Laboratory--Interior Maintenance

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Contract</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 3-16-73)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The H. F. Mollenauer Company (Columbus)</td>
<td>$ 28,422.00</td>
<td>$ 39,000.00</td>
</tr>
<tr>
<td>Funds for this project have been provided from Budget Account 125064 (Contract Repair).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. McCracken Power Plant--Electrical Utility Tie

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Contract</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2 bids received 3-20-73)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jess Howard Electric Company (Columbus)</td>
<td>$132,447.00</td>
<td>$147,000.00</td>
</tr>
<tr>
<td>Funds for this project have been provided from HB 988 (originally appropriated in SB 457, Utilities and Renovations).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

D. Goss Laboratory--Partial Remodeling

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Contract</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 3-20-73)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. L. Meyer Construction Company (Columbus)</td>
<td>$ 51,727.00</td>
<td>$ 86,793.00</td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. G-1 Furnish and assemble two constant temperature chambers</td>
<td>$ + 20,375.00</td>
<td>$ + 22,500.00</td>
</tr>
<tr>
<td><strong>Total Contract</strong></td>
<td>$ 72,102.00</td>
<td>$109,293.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plumbing Contract</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3 bids received 3-20-73)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limbach Company (Columbus)</td>
<td>$ 28,350.00</td>
<td>$ 34,809.00</td>
</tr>
<tr>
<td>Base bid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alt. P-1 Furnish stainless steel sinks and spray disinfecting device and furnish and assemble in place Laboratory Casework</td>
<td>$ 22,500.00</td>
<td>$ 17,048.00</td>
</tr>
<tr>
<td><strong>Total Contract</strong></td>
<td>$ 50,850.00</td>
<td>$ 51,857.00</td>
</tr>
</tbody>
</table>
VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Goss Laboratory--Partial Remodeling (continued)

<table>
<thead>
<tr>
<th>Contract Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating, Ventilating, and Air Conditioning Contract</td>
<td>$95,400.00</td>
<td>$176,368.00</td>
</tr>
<tr>
<td>Limbach Company (Columbus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base bid</td>
<td>$98,960.00</td>
<td>$179,368.00</td>
</tr>
<tr>
<td>Alt. H-1 Remove existing heat exchanger and relative material</td>
<td>$3,560.00</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>Total Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$274,043.00</td>
<td>$426,065.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided in Budget Account 80129 (Goss Laboratory--Partial Remodeling) and Federal Grant 1C06-CA-13589-01.

Upon motion of Mr. Dunlap, seconded by Mrs. James, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

VIII. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

17 Approves the release of $218,000.00 from SB 457, Item 315-074 "Utilities and Renovations," for planning for the following projects: Electrical Trunk Lines; Hagerty Hall Air Conditioning; Derby Hall Renovation; Sisson Hall Air Conditioning; Arps Hall Air Conditioning; Physical Education Building Improvements; Evans Laboratory Ventilation; Hayes Hall Fire Safety Improvements; Law Library; College of Education Library; School of Natural Resources Administrative Offices; Campbell Hall Office Remodeling; Mershon Auditorium (Music Studios); Vivian Hall Laboratory Remodeling; Department of Psychology Space.

18 Approves the purchase of a house and lot at 285 Croswell Road, City of Columbus, Franklin County, Ohio, which will be utilized as the home for the President. Source of funds for this purchase were provided from the General University Funds (Unrestricted Gifts).
April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Enarson read the following letter of appreciation which he received from Mrs. Harald Nielsen:

Mr. Harold L. Enarson, President
The Ohio State University
190 North Oval Drive
Columbus, Ohio 43210

Dear President Enarson,

Thank you for your gracious letter of February the second, and the Trustees resolution concerning the life and work of my husband, Harald Herborg Nielsen. All members of our family appreciate the recognition of the Administration of The Ohio State University in recording my husband's long career in its permanent record.

In his forty-one years of service to the students and faculty of the University, my husband experienced the finest aspects of academic life - the mutual cooperation of all elements of the campus community, from the newest freshman to the highest administrative officers. The initiation of the International Symposium for Molecular Spectroscopy, as well as innovative research in our laboratories, were made possible with the support of the University and its confidence in his entire program.

The truly great university is the one which fosters and encourages new ideas. We, who are now left with precious memories, rejoice in the knowledge that Harald's work and that of his colleagues and students continues and flourishes here at Ohio State and in many other scientific groups.

Sincerely,

(Signed) Martha Nielsen

Martha Nielsen

March 28, 1973
April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

President Enarson reported to the Board the deaths of Elbert O. Bolender, Associate Professor Emeritus in the Department of Agricultural Education; Dale V. Gilliland, Professor Emeritus in the College of The Arts; and Elmore O. Williams, County Extension Agent Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Elbert O. Bolender

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 11, 1973, of Elbert O. Bolender, Associate Professor Emeritus in the Department of Agricultural Education.

Professor Bolender was born on December 20, 1891, in Brown County and was graduated from Felicity High School and from The Ohio State University with a Bachelor of Science in Agriculture degree in 1916 and a Master's degree in 1930. He began teaching in 1917 at Felicity High School. From 1918 to 1922 he taught vocational agriculture at Ashley, Ohio, and from 1922 to 1934 was a member of the non-resident staff in agricultural education at the University in charge of student teaching training center at Hilliard High School. In 1934 he was appointed Assistant State Supervisor of Vocational Agriculture and a member of the resident staff in agricultural education at Ohio State, a position he held until his retirement in 1965.

Professor Bolender was recognized as a competent and dedicated teacher. He was a proponent of personalizing instruction, basing his teaching upon the interests and problems arising from the occupational experience programs of students. Mr. Bolender collaborated in developing a record book for high school students and was recognized nationwide for his expertise in developing student and teacher competence in accounting, emphasizing analysis and application. As a supervisor he was a tireless worker, devoting hours in conference with the teachers in his districts to help them develop their competencies. Teachers who had Mr. Bolender as a supervisor attest to his sincerity and in the contributions that he made toward their professional improvement. For many years Mr. Bolender was in charge of the annual judging contests in vocational agriculture held on the campus involving 3,000 students.

Mr. Bolender was not only a dedicated member of the teacher education and supervisory staff and a competent teacher of vocational agriculture but was also a distinguished member of the community as well. He was active in church and community affairs. He gave freely to the development of the community in which he lived. Those who knew Mr. Bolender were inspired by his indomitable spirit, his profound dedication, and the integrity and breadth of understanding of his work. These personal qualities and the articulate manner in which he voiced his views and concerns brought honor to vocational education and to The Ohio State University.
IX. RESOLUTIONS IN MEMORIAM (continued)

A. Elbert O. Bolender (continued)

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Dale V. Gilliland

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 1, 1973, of Dale V. Gilliland, Professor Emeritus in the College of The Arts.

Dr. Gilliland joined the faculty of The Ohio State University in 1935 and has served as a professor of voice, director of the Men's and Women's Glee Clubs, director of the University Chorus and Madrigal Singers, and for 27 years was chairman of the voice section in the School of Music. He served as president of the National Association of Teachers of Singing from 1958 to 1960, and was in frequent demand throughout the country as a lecturer and clinician in vocal pedagogy.

Dr. Gilliland was very active as well in the local community serving as director of the Scottish Rite Choir, the Hilltop Chorus, and the North Community Lutheran Church choir.

Dr. Gilliland received his formal education at Ohio Northern University, New York University, Michigan State University, and the Royal College of Music in London. He was awarded the degrees Bachelor of Arts, Bachelor of Science, Master of Arts, and the honorary degree Doctor of Music.

Dr. Gilliland's many contributions to The Ohio State University and to the profession will be missed by his many former students, colleagues, and friends.

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

C. Elmore O. Williams

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 22, 1973, of Elmore O. Williams, County Extension Agent Emeritus in the Cooperative Extension Service.
April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Elmore O. Williams (continued)

Mr. Williams was born June 1, 1892, in Mt. Victory, Ohio, and graduated from high school there in 1908. He received the Bachelor of Science degree in Agriculture from The Ohio State University in 1913. A Certificate in Law was received from Toledo University in 1932. He passed the Ohio State Bar examination in 1935. Additional education was completed at both The Ohio State University and the United States Department of Agriculture graduate schools.

Prior to joining the faculty of The Ohio State University on May 1, 1924, Mr. Williams was engaged in farming for 10 years and employed as a Farm Bureau Cooperative manager for seven months.

Mr. Williams was a dedicated and highly respected leader in Lucas County and among his faculty peers in and beyond Ohio. He served as President of the Ohio Cooperative Extension Agents Association in 1934 and 1935. He also was elected President of the National Association of County Agricultural Agents and served effectively in that capacity in 1955. He was devoted to improvement including professional improvement of the Extension faculty and economic improvement for the farmer and farm allied business.

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

X. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman, Chairman of the Retirement and Insurance Committee, made two recommendations on behalf of the Committee:

1) Benefit Improvements in Health Insurance for University Employees

That the current John Hancock Mutual Life, Major Medical and Surgical Contract covering eligible University employees be amended effective 12:01 a.m., April 2, 1973, to include:

Treatment by legally qualified psychologists for nervous and mental conditions for which the participant or his eligible dependent is not hospital confined; only the first $500 of such charges
April 6, 1973 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

(1) Benefit Improvements in Health Insurance for University Employees (continued)

and 50 per cent of the remainder of such charges in excess of $500 are considered covered medical expenses.

Upon motion of Mr. Gushman, seconded by Mrs. James, the foregoing recommendation was approved by unanimous roll call vote.

(2) Student Health Insurance Contract

That Mutual of Omaha be awarded the Student Health Insurance contract, effective the first day of classes Autumn Quarter 1973, for a period of one year. (While this contract is for one year, the premium rates are guaranteed for a two-year period.)

The contract will provide additional benefits to those presently available under the terms of the current student health insurance contract. This coverage will be available on an optional basis to all students registered at this University with the following premium schedule:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Quarterly Premium Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$14</td>
</tr>
<tr>
<td>Student and Spouse</td>
<td>31</td>
</tr>
<tr>
<td>Student, Spouse and</td>
<td>51</td>
</tr>
<tr>
<td>All Children</td>
<td>33</td>
</tr>
<tr>
<td>Student and Dependent Child or</td>
<td></td>
</tr>
<tr>
<td>Children</td>
<td></td>
</tr>
</tbody>
</table>

This Student Health Insurance contract has been recommended by the Subcommittee on Student Insurance of the Council on Student Affairs, endorsed by the Council on Student Affairs, approved by the consultant on student insurance and the Office of the Vice President for Student Affairs.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.
April 6, 1973 meeting, Board of Trustees

X. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated April 5, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

XI. REGIONAL CAMPUSES OF THE OHIO STATE UNIVERSITY

Mr. John T. Mount, Vice President for Regional Campuses, made a brief statement outlining the history of the Regional Campuses and at the conclusion of his remarks introduced the distinguished visitors in attendance at the meeting. He then called upon Dr. James B. Heck, Director of the Mansfield Campus, who made a slide presentation on the Mansfield Campus.

Mr. Richard Stander, Chairman of the Advisory Committee to the Mansfield Campus, welcomed the Board of Trustees and represented the Advisory Committees of all four Regional Campuses in expressing the desire that these Campuses continue their association with The Ohio State University.

Following this presentation, President Enarson made the following statement:

In direct response to a document recently developed by the Office of the Ohio Board of Regents entitled, 'A Policy Statement on the Formation of State General and Technical Colleges,' dated February 9, 1973, the Citizens Advisory Committees of each of Ohio State University's four Regional Campuses have adopted resolutions in direct support of a continuing association with this University.

The President then recommended adoption of the following resolution:

WHEREAS, this University's Regional Campuses at Lima, Mansfield, Marion, and Newark were established at the request of the individual communities, and

WHEREAS, through the Advisory Committees of each of these Regional Campus communities, support was provided for campus site acquisition, scholarship and loan programs, and other special needs associated with these programs, and

WHEREAS, a broad range of two-year academic programs, a baccalaureate degree program in elementary education, and adult and continuing education programs have been made available which are fully commensurate in quality with the equivalent programs on this University's Columbus Campus, and

WHEREAS, the academic offerings of each of these Regional Campuses have been reviewed and fully accredited by the North Central Association of Colleges and Secondary Schools during this past year, and
April 6, 1973 meeting, Board of Trustees

XI. REGIONAL CAMPISES OF THE OHIO STATE UNIVERSITY (continued)

Resolution (continued)

WHEREAS, the Citizens Advisory Committee of each of these Regional Campuses has by resolution strongly supported the existing Regional Campus concept and reaffirmed their desire to continue in direct association with this University.

RESOLVED: First, that the Board of Trustees of The Ohio State University reaffirms its commitment to develop the strongest possible academic programs at each of its Regional Campuses in full cooperation with the Citizens Advisory Committees, and

RESOLVED: Secondly, that the Board of Trustees of The Ohio State University expresses its sincere gratitude to the citizens of these Regional Campus communities for their continuing support of this University's academic programs in these communities that have provided educational opportunity to over 35,000 persons, and

RESOLVED: Thirdly, that a copy of this resolution be forwarded to the Ohio Board of Regents.

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

*   *   *

Thereupon the Board adjourned to meet Monday, May 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton                              Frederick R. Eckley
Secretary                                      Chairman
Columbus, Ohio, May 7, 1973

The Board of Trustees met at its regular monthly meeting on Monday, May 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
ELECTION OF OFFICERS

The Chairman, Mr. Eckley, convened the meeting of the Board of Trustees of The Ohio State University first for the purpose of electing officers for the ensuing year.

The Chairman then recognized Mr. Shocknessy and he made the following statement:

Mr. Chairman: Last year when I was completing my term as Chairman of this Board of Trustees I enunciated for the benefit of anybody who was not already aware of it that it has been the custom of this Board for a number of years for the member who was serving the senior term to be Chairman for that year. Accordingly, I suggested that the present Chairman be nominated to succeed me in the term which I was completing, which I had really served out of order because a member who had had only one year to serve when he was appointed chose not to serve as Chairman for that year. Now because I have had a year as Chairman and because the office of Chairman of this Board is not in fact a 'bed of roses' for a member whose home is in Columbus, I came here today intending to decline to serve as Chairman in this the senior year of my term. When I complete this year of service, I shall have completed the first nine-year term that anyone has served on this Board. Others have served longer than nine years but no one has served a nine-year term. Mr. Ketterer served eight under the new statute and I am the first to serve nine, or will have served nine if I serve this year. It has seemed to some of us that it might be in the best interest of the University, as I hope it was in the best interest of the present Chairman, to have on the Board during his tenure someone who has served as Chairman of the Board. Mr. Eckley has from time to time thanked me for service I was able to render him by virtue of experience which I have had as Chairman of the Board and which I hope was beneficial to him. Now it, as I say, has seemed to some of us that it might be a good plan for the future for the Chairman of the Board to serve in his penultimate year and have as a member of the Board someone who has served as Chairman of the Board. I do not have to make a secret of what I say, Mr. Hilliker will be serving his penultimate year beginning on the 14th of May and on the basis of what we have been thinking, the person serving his penultimate year would be Chairman and have with him for the year of his Chairmanship his immediate predecessor as a member of the Board. We suggest that Mr. Hilliker be Chairman of this Board in this coming year even though our plan cannot come to full fruition because Mr. Eckley will not likely be on the Board, Mr. Eckley is eligible for reappointment because he has served only four years, if the Governor would choose to appoint Mr. Eckley who was first appointed by Governor Rhodes and served for only four years there is no reason why Mr. Eckley might not serve a full term. In that event the plan that we have in mind could come to full fruition because Mr. Eckley would be serving as a former Chairman in an administration of Mr. Hilliker who also was appointed by Governor Rhodes as I was and as were seven members of this Board. But regardless of whether or not Mr. Eckley will be on the Board another
year to advise and help Mr. Hilliker, as former Chairman, if I stay on, which I have no real present intention of not doing. I shall be here as a former Chairman and I shall do what I can to assist Mr. Hilliker in his term as Chairman and as you would do Mr. Eckley were you to continue. I would certainly hope that the Governor would choose to reappoint as a member of this Board a man so distinguished.

I think with that preliminary statement I would do well not to serve as Chairman, having already served one year and if I did not do it this way at this time since if we tried to effectuate the plan that I have outlined next year someone would be deprived of serving as Chairman, and now I will not suffer that deprivation dubious as that deprivation may be, and I nominate as Chairman of this Board my dear, long-time, beloved friend, Mr. Don Hilliker, whom I am sure will be a great Chairman and fortunately will be supported in the office, not only by me but by his very great wife whom I admire even more than I have ever admired Mr. Hilliker with all due respect to Mr. Hilliker. So I congratulate you on being available for this noble assignment. I also congratulate you on your taste in women because you chose a good gal when you chose your wife. And if you don’t have Mr. Eckley to help you, you might have me from time to time.

I have said everything I have said so that there can be no misinterpretation of what I am doing. Further, there are no political implications in what I am doing. I have served as Chairman and I am satisfied with the honor that I have had in so serving, dubious as we may be about the desirability of doing so. I hope I have made it clear, that in nominating Mr. Hilliker there cannot be any implication that the administration of Governor Gilligan has in any respect intervened in any way because Mr. Hilliker was not appointed by Governor Gilligan and Mr. Hilliker is not being nominated by me because he was appointed by Governor Rhodes either. Mr. Hilliker is nominated because we are undertaking something in the nature of an experiment, an experiment which could only be accomplished at this time and accommodate all the incidents that we have in mind. So done, I have nominated you, Don, provided you and Margaret stay together for the full term of your Chairmanship. Mr. Safford is the next man up and Mr. Safford is certainly distinguished in every respect and well provided to succeed you in due course. I also nominate Dr. Edward Q. Moulton for the worst job of all, Secretary of this Board, and Mr. Ernest Leggett as Treasurer. I would like to have the whole Board second.

Each member of the Board seconded the motion which was approved by unanimous roll call vote, Mr. Hilliker abstaining.
May 7, 1973 meeting, Board of Trustees

ELECTION OF OFFICERS (continued)

Following the election, Mr. Hilliker requested and was granted permission to speak. He said that since Mr. Shocknessy had brought up his wife on several occasions, he would say that she is quite a gal with great patience having lived with him for thirty-two years. He said "I suppose it would be proper for me to say that I am grateful and I do appreciate the honor [of being elected Chairman of the Board], but I will have to admit to you that I would be lying a little bit because I am not that grateful. I can only tell you this--this is a fine Board. There isn't any question about it. I will do my best." He further indicated that he would be calling on Mr. Eckley and Mr. Shocknessy for assistance and then directed the following comment to Mr. Shocknessy: "... I want to look you right in the eye and tell you that you have forgotten more about this job than I will ever know. So you can be assured that I am going to be calling on you to help me sit on the hot seat and you had better be available."

- o -

TRIBUTE TO MR. ECKLEY

Mr. Hilliker gave tribute to Mr. Eckley for his knowledge, expertise, and devotion to this University and to its Board of Trustees. He expressed the belief that the Board was in outstanding hands and under great leadership and he hoped that his tenure as Chairman would be just half as good.

President Enarson then presented Mr. Eckley with a citation signed by the President of the University and the Secretary of the Board of Trustees. The President expressed his appreciation to Mr. Eckley for his assistance during the first eight months of his tenure as President of The Ohio State University.

Mr. Eckley responded by reiterating what Mr. Hilliker had said--that this is a good Board operating for a good University with a good administration. Mr. Eckley continued:

I have thoroughly enjoyed my tenure this year as Chairman of this Board and I am very happy to have done it. I might also add, Mr. Hilliker, I am very happy to have it over with, too. I do want to thank the Board and the Administration of the University for all the help and assistance given me. We have all worked well together to get this job done for the University and I think we have had a modicum of success in this endeavor. I particularly want to thank Jim Shocknessy for the assistance he has been to me. As Don has said, this guy knows more about this University and the Administration of this University than the balance of the Board put together and I am deeply appreciative of the fact that he has been here to help us and guide us. I also would like to make a comment about the plan proposed. I think it is going to be helpful to the University in the future to have a man sitting on the Board who has been Chairman. I hope this plan works. Thanks for the kind words and for the certificate. I sincerely appreciate it.

+ + +

+ +

The Board of Trustees recessed and the Board of Control convened.
May 7, 1973 meeting, Board of Trustees

In recognition of duty well performed upon completion of distinguished service to the University as a dedicated member of the Board of Trustees and a faithful custodian of our educational heritage

The Ohio State University

conveys its deep appreciation and good wishes to

Frederick R. Eckley

a loyal alumnus of the University

In grateful acknowledgement this certificate is presented at The Ohio State University on the seventh day of May in the year of our Lord nineteen hundred and seventy-three and of the University the one hundred and fourth.

[Signatures]

President

Secretary
May 7, 1973 meeting, Board of Trustees

The Board of Trustees reconvened following the recess.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Professorship of Hebrew in the College of Humanities

The United Jewish Fund and Council of Columbus, Ohio, has committed support in the amount of $20,000 a year beginning Autumn Quarter 1973 for an initial period of five years to establish a designated Professorship of Hebrew in the College of Humanities at The Ohio State University. At some future date this Professorship of Hebrew may be named as an appropriate memorial or honor. This support will give new impetus as well as add a new dimension of quality to one of the Nation's leading programs of Jewish Studies.

President Enarson recommended that the Board of Trustees approve the establishment of a designated Professorship of Hebrew.

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

B. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate at a meeting on April 24, 1973, approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated.

Leon N. Cooper
Elizabeth Duncan Koontz
Arthur E. Morgan
George Sinclair

Doctor of Science
Doctor of Humane Letters
Doctor of Humane Letters
Doctor of Science

President Enarson recommended that these honorary degrees be conferred at a mutually convenient commencement or academic occasion.

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

C. Residence Halls Room and Board Rates

President Enarson presented the following statement and recommendations:

I am pleased to report that room and board rates for Undergraduate Residence Halls, as well as the rental rates for Married Student Housing and Neill Hall Apartments for this coming year will remain at this current year's level.
May 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates (continued)

President Enarson (continued)

In reviewing the charges for the Post-Baccalaureate student housing, an increase in the rates within this area is essential. At the same time to meet the increased demand for Post-Baccalaureate housing we will convert space presently assigned to undergraduates to Post-Baccalaureate units. It is expected that this trend will continue as the undergraduate enrollment stabilizes.

President Enarson recommended that the following schedule of rates for residence services, with the effective dates as indicated, be adopted:

<table>
<thead>
<tr>
<th>Effective Summer Quarter, 1973</th>
<th>Current Rate</th>
<th>Recommended Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jones Graduate Tower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Room</td>
<td>$210 per quarter</td>
<td>$231 per quarter</td>
</tr>
<tr>
<td>Double Room</td>
<td>180 per quarter</td>
<td>198 per quarter</td>
</tr>
<tr>
<td>Morrison Tower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Room</td>
<td>--</td>
<td>210 per quarter</td>
</tr>
<tr>
<td>Double Room</td>
<td>--</td>
<td>180 per quarter</td>
</tr>
</tbody>
</table>

It was recommended further that the University administration be authorized to establish rates for other resident services in general conformity with the above schedule of rates.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved by unanimous roll call vote the foregoing recommendations.

D. Quarterly Review of Current Funds Budget

The status of the Current Funds Budget for the quarter ended March 31, 1973, has not changed significantly from the quarterly report presented to and approved by the Board of Trustees as of December 31, 1972. The major factor which necessitates modification in the annual budget, the subsidy and fee support based upon the actual Autumn Quarter enrollment, was incorporated in the December report. No further adjustments are required at this time.

President Enarson recommended that the foregoing report be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.
May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the April 6, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Kenneth W. Sloan, Executive Director, The Ohio State University Research Foundation, effective September 1, 1973, at a salary of $31,008.00 per annum (twelve-month appointment).

Stuart H. Loory, Visiting Professor (Kiplinger Chair), School of Journalism, effective July 1, 1973, at a salary of $25,968.00 per annum (twelve-month appointment).

Thomas E. Powers, Professor and Chairman, Department of Veterinary Physiology and Pharmacology, effective immediately, at a salary of $27,048.00 per annum (twelve-month appointment).

B. Leaves of Absence Without Salary

Merton L. Dillon, Professor, Department of History, effective October 1, 1973 through September 30, 1974, to accept a Senior Fellowship from the National Endowment for the Humanities.

Wolfgang Krieger, Professor, Department of Mathematics, effective April 1, 1973 through June 30, 1973, to work at the University of Gottingen, Gottingen, West Germany.

Earl F. Murphy, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to work full time for the Ohio Environmental Board of Review.

Thomas M. Ostrom, Professor, Department of Psychology, effective October 1, 1973 through September 30, 1974, to become a Visiting Professor of Psychology at the University of Bergen in Bergen, Norway.

Alan Schwarz, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to accept a one-year appointment at Rutgers, The State University, School of Law.

H. Yuan Tien, Professor, Department of Sociology, effective July 1, 1973 through September 30, 1973, to teach and do research in the Department of Sociology at the University of Hong Kong.
May 7, 1973 meeting, Board of Trustees

II. **PERSONNEL CHANGES (continued)**

B. **Leaves of Absence Without Salary (continued)**

Michael L. Benedict, Assistant Professor, Department of History, effective October 1, 1973 through September 30, 1974, to accept a fellowship award to the Institute of Advanced Study.

Ronald W. Hart, Assistant Professor, Department of Radiology, effective April 1, 1973 through September 30, 1973, to work on a project at Oak Ridge National Laboratories.

Leonhard A. Miller, Assistant Professor, Department of Mathematics, effective April 1, 1973 through June 30, 1973, to continue work at the University of Gottingen, Gottingen, West Germany.

Dian Bower, Instructor, Cooperative Extension Service, effective April 1, 1973 through June 30, 1973, to work on her Master's degree.

Inez M. Freeman, Instructor, Newark Regional Campus, effective April 1, 1973 through December 31, 1973, to accept a fellowship with the National Endowment for the Humanities, Washington, D. C.


C. **Emeritus Titles**

Ronald B. Thompson, Office of Educational Services, with the title Executive Dean Emeritus, effective July 1, 1973.

Lucile B. Alexander, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Henry J. Barre, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1973.

E. Milton Boone, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1973.

Helen A. Cameron, Department of Economics, with the title Professor Emeritus, effective July 1, 1973.

John F. Cuber, Department of Sociology, with the title Professor Emeritus, effective September 1, 1973.
II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Alfred B. Devereaux, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1973.

Helene Heye, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Clifford L. James, Department of Economics, with the title Professor Emeritus, effective July 1, 1973.

Emmett H. Karrer, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1973.

Charles J. Koenig, Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1973.

Frederick W. Maguire, School of Journalism, with the title Professor Emeritus, effective July 1, 1973.

Salvatore M. Marco, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1973.

Raymond F. Sletto, Department of Sociology, with the title Professor Emeritus, effective September 1, 1973.

Maude A. Stewart, Department of Psychology, with the title Professor Emeritus, effective September 1, 1973.

Alma F. Tapscott, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Inez Ray Wells, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective July 1, 1973.

Willard H. Wolf, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1973.

Ralph J. Woodin, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1973.

Herbert G. Mote, College of Optometry, with the title Associate Professor Emeritus, effective July 1, 1973.

Emmanuel Varandyan, Department of English, with the title Associate Professor Emeritus, effective July 1, 1973.
May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Catharine M. Williams, Academic Faculty of Curriculum and Foundations, with the title Associate Professor Emeritus, effective July 1, 1973.

Leona S. Markel, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1973.

Anne E. Penrod, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1973.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson made the following statement concerning "Trends in Research Activity"

The research contracts and grants reported today include an impressive number of projects ranging in subject from cancer investigations to educational materials for training programs concerning air pollution. Not apparent from this single monthly summary of sponsored research, however, is a changing pattern in the type and size of research programs awarded on this campus.

An analysis of recent funding shows that the programs are tending progressively to become larger and to cut across departmental lines. To date this fiscal year, the contract average for 265 projects funded by outside agencies is $50,561. The current month's average is close to that figure--nearly $49,000. At this time last year, the average was $39,891, and two years ago, lower still at $33,803.
This may well indicate that the 'one-man, one-grant' concept of research funding is declining in favor of the larger, multidisciplinary concept. Also, most research now tends to be oriented toward specific problems. We see additionally that outside funds for research equipment purchases have diminished in recent years.

It may be too early to assess the real impact of this trend. Yet we are clearly in a period of transition in our sponsored research—a period that could result in difficulties for some faculty, since certain aspects of the change appear to bear upon the basic matter of the personal style of doing research.

Fortunately Ohio State as a comprehensive institution is in a strong position to respond to the changes we think we see on the horizon. The wide array of research talent and facilities available here provide opportunities for the interdepartmental cooperation and pooling of resources that can attract the larger programs.

The Research Foundation staff has been an asset in this effort. Earlier in this meeting there was action on the appointment of Dr. Sloan as executive director of the Foundation. His credentials are, I believe, outstanding, and he is well versed in all aspects of university research and sponsor relations. The Foundation also has others on its development staff who can provide valuable assistance in making the approaches and helping in the adjustments that the new conditions may require.

Moreover, the technical facilities that the Research Foundation has at its disposal likewise can be of considerable aid. For example, a computerized program known as Proposal Award Information Retrieval System (PAIRS) developed the information just presented on trends in research projects. PAIRS is still in the pilot stage, but it gives promise of becoming an important tool for analyzing and forecasting the directions of research as well as providing many other kinds of information throughout this entire area.

In the 36 years since its creation, the projects administered through the Research Foundation have grown in annual dollar volume to nearly $18 million. In the past year nearly 700 students were directly involved as researchers in 733 Foundation projects.

I am personally confident that the expertise and achievement of the University faculty, plus the increasing capabilities of the Research Foundation, can be a winning combination in future research activity at Ohio State.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the April 6, 1973 meeting of the Board be accepted.

**SUMMARY**

<table>
<thead>
<tr>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
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</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>45</td>
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<td>The Engineering Experiment Station</td>
<td>2</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>1,095</td>
</tr>
</tbody>
</table>

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

a. $97,096.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry - Basic Residency - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH08458-10)

b. $87,276.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Preventive Medicine Curriculum Augmentation, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D04 AH01113-08)

c. $66,654.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH05061-27)

d. $54,378.21 granted by Department of Transportation, National Highway Traffic Safety Administration, Office of Contracts and Procurement, Washington, D.C., to the University for Revision and Update of Traffic Safety Manpower Training Program Development Guide, under the direction of the Center for Vocational and Technical Education. (Contract No. DOT-HS-115-3-647)

e. $51,474.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special improvements - Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH050413-02)

f. $50,503.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Family Centered Practicum - Developmental Disabilities, under the direction of the Nisonger Center, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D12 AH00135-03)

g. $43,965.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Hospital and Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50407-02)
May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

h. $38,073.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AIH50402-02)

i. $30,712.00 granted by National Endowment for the Humanities, Washington, D. C., to the University for support of summer seminar project entitled "Tragic and Comic Forms in the Novel," under the direction of the Department of English, for the period March 1, 1973 through September 30, 1973. (Grant No. FS-0386-73-246)

j. $24,700.00 granted by Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Office of Developmental Disabilities, Columbus, Ohio, to the University for A Continued Development of the Advocacy Model, under the direction of the Nisonger Center. This grant is made under P.L. 91-517.

k. $22,160.00 granted by National Science Foundation, Washington, D. C., to the University for Undergraduate Research Participation, under the direction of the College of Pharmacy. This grant will expire on May 31, 1974. (Grant GY-10651, Proposal No. 3/2672)

l. $21,061.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Communications Division - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D12 AIH00340-03)

m. $18,621.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Medical Records Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AIH50410-02)

n. $16,000.00 granted by National Science Foundation, Washington, D. C., to the University for Undergraduate Research Participation, under the direction of the Department of Chemistry. This grant will expire on May 31, 1974. (Grant GY-10630, Proposal No. 3/2415)
May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

o. $11,878.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Hospital - Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 A04 AH00022-05)

p. $9,010.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Teaching in Coordinated Undergraduate Dietetic Education, under the direction of the School of Allied Medical Professions, for the period June 11, 1973 through June 22, 1973. (Grant No. 1 A13 AH00104-01)

q. $3,994.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Advanced Traineeship/Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 A02 AH00204-02)

r. $2,193.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Electropharmacological Control of Cardiac Function - Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period October 1, 1972 through June 30, 1973. (Grant No. 3 K03 HL11929-09S1)

s. $750.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to the University for recruiting students for work-study programs, under the direction of the Department of Black Studies, for the period January 1, 1973 through March 30, 1973.

t. $600.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Chromosome: Regulation, Organization and Function - Development Award - Research Career Program, under the direction of the Department of Microbiology, for the period January 1, 1973 through December 31, 1973. (Grant No. 1 K04 GM70300-01)
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period March 1, 1973 through March 31, 1973.

1. Federal Research Contracts


   c. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-Al - Mod. #4 - Department of Metallurgical Engineering). Gross Value - $32,000.00.

   d. Department of Air Force, 4950th Test Wing (Technical), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Stress Corrosion Cracking of Titanium and Titanium Base Alloys in Aqueous and Gaseous Media (to be known as Project No. 3418-Al - Mod. #P00002 - Department of Metallurgical Engineering). Gross Value - $21,000.00.

   e. Department of Air Force, 4950th Test Wing (Technical), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, RCS Reduction Studies (to be known as Project No. 3622-Al - New - Department of Electrical Engineering, ElectroScience Laboratory). Gross Value - $70,000.00.


III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

   Gross Value - $12,754.00.

   i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Bronchogenic Carcinoma (to be known as Project No. 3648-A1 - New - Department of Surgery).
   Gross Value - $123,200.00.

TOTAL - Federal Research Contracts $649,698.00

2. State Research Contract

   a. Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, A Designed Treatment Program of Sociopathy by Means of Drugs - Part II (to be known as Project No. 3631-A1 - New - College of Administrative Science, Division of Public Administration and Department of Psychiatry).
   Gross Value - $32,305.00.

3. Industrial and Other Research Contracts

   Gross Value - $10,000.00.

   b. General Electric Company, Cincinnati, Ohio, Test Program for NASA Choked Inlet .229 Scale Model (to be known as Project No. 3602-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).
   Gross Value - $1,200.00.

   Gross Value - $10,000.00.
May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts (continued)

   Gross Value - $6,000.00.

   Gross Value - $2,000.00.

   f. University of Pittsburgh, Pittsburgh, Pennsylvania, Study of Treatment of Primary Breast Cancer (to be known as Project No. 3639-AI - New - Department of Surgery).
   Gross Value - $7,000.00.

   g. World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Systemic Effects of Copper Intra-Uterine Devices (to be known as Project No. 3640-AI - New - Department of Obstetrics and Gynecology).
   Gross Value - $10,000.00.

TOTAL - Industrial and Other Contracts $46,200.00

4. Federal Research Grants

   a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as Project No. 1094-M - Ext. #13 - Department of Medicine).
   Gross Value - $55,029.00.

   b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria (to be known as Project No. 2012-H - Ext. #8 - Department of Physiological Chemistry).
   Gross Value - $35,025.00.
May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

   c. National Aeronautics and Space Administration, Washington, D. C.,
   Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #7 - Department of Geodetic Science).
   Gross Value - $17,500.00.

   Gross Value - $60,000.00.

   e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A4 - Ext. #4 - College of Veterinary Medicine).
   Gross Value - $16,068.00.

   f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A3 - Ext. #2 - Department of Surgery).
   Gross Value - $27,846.00.

   g. National Science Foundation, Washington, D. C., Mechanized Information Center (to be known as Project No. 3182-A1 - Amend. #3 - University Libraries).
   Gross Value - $341,300.00.

   Gross Value - $70,000.00.

   Gross Value - $153,126.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Extrarenal Renin and Intrarenal Blood Flow (to be known as Project No. 3209-A3 - Ext. #2 - Department of Medicine).
Gross Value - $29,225.00.

k. National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures (to be known as Project No. 3228-A1 - Amend. #2 - Department of Mathematics).
Gross Value - $5,700.00.

l. National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures (to be known as Project No. 3370-A1 - Amend. #1 - Department of Physics).
Gross Value - $85,900.00.

m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Effect of Periodontopathies on Periodontal Mechanics (to be known as Project No. 3392-A2 - Ext. #1 - Department of Physiology).
Gross Value - $7,500.00.

n. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Modification of Cellular Immunity to Neoplasia in Man (to be known as Project No. 3399-A2 - Ext. #1 - Department of Medicine).
Gross Value - $31,299.00.

o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Biomechanical Analysis of Tooth Supportive Structures (to be known as Project No. 3404-A2 - Ext. #1 - Department of Physiology).
Gross Value - $11,149.00.

p. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biochemical Mechanisms in Cardiac Hypertrophy (to be known as Project No. 3405-A2 - Ext. #1 - Departments of Pathology and Medicine).
Gross Value - $62,323.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

q. National Science Foundation, Washington, D. C., Operator Ergodic Theory (to be known as Project No. 3447-A1 - Amend. #1 - Department of Mathematics).
   Gross Value - $20,000.00.

r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Dynamics of O2 and C02 Regulation (to be known as Project No. 3464-A2 - Ext. #1 - Department of Physiology).
   Gross Value - $29,991.00.

   Gross Value - $39,919.00.

   Gross Value - $155,700.00.

u. National Science Foundation, Washington, D. C., Relationship of Membrane States to Growth Performance in Plant Tissues (to be known as Project No. 3643-A1 - New - Department of Botany).
   Gross Value - $24,500.00.

   Gross Value - $15,100.00.

   Gross Value - $3,900.00.

   Gross Value - $17,000.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)


   z. National Science Foundation, Washington, D.C., Research Initiation - Respiratory Impedance Evaluation (to be known as Project No. 3652-AI - New - Department of Electrical Engineering). Gross Value - $17,000.00.


TOTAL - Federal Research Grants $1,464,400.00

5. Industrial and Other Grant

   a. Columbus Foundation, Columbus, Ohio, Conference on Visual and Performing Arts in Higher Education (to be known as Project No. 3644-AI - New - Division of Art). Gross Value - $2,000.00.

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period March 1, 1973 through April 1, 1973.

1. Government Research Contract

   EES 328X Use of Driver Display and Control Aids to Stabilize and Improve Traffic Flow, Ohio Department of Transportation, Columbus, Ohio. Gross Value - $4,400.00.

2. Industrial Research Contract

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through March 31, 1973

<table>
<thead>
<tr>
<th>Kind of Gift</th>
<th>Number of Donors</th>
<th>Amount of Gifts</th>
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<td>Major Resources Group</td>
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<tr>
<td>Major Individual Gifts</td>
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<td>Corporate Gifts</td>
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<tr>
<td>Foundation and Non-profit Organization Gifts</td>
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<td>Grand Total</td>
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</table>

2. Gifts of $5,000 or More

a. $100,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Chair in Public Affairs in the School of Journalism.

b. $43,714.11 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.

c. $35,000.00 from the Bremer Foundation, Youngstown, Ohio, for the College of Medicine.

d. $25,000.00 from Grand Aerie Fraternal Order of Eagles, Columbus, Ohio, for heart research in the College of Medicine.

e. $16,000.00 from the Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in Business.

f. $13,687.50 from an anonymous donor for cancer research.

g. $11,375.00 from CIBA-GEIGY, Summit, New Jersey, for research in the College of Medicine.

h. $10,000.00 from Mildred Dee Benham Estate, Cleveland, Ohio, for research in the College of Veterinary Medicine.

i. $10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, to support the Lamme Power Systems Laboratory.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS AND AGREEMENTS (continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)

j. $9,500.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

k. $6,937.55 from Searle Diagnostic, Inc., Columbus, Ohio, for cancer research.

l. $6,180.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.

m. $6,000.00 from the Upjohn Company, Kalamazoo, Michigan, for research in the College of Medicine.

n. $5,800.00 from Babcock and Wilcox Company, Alliance, Ohio, to provide a fellowship for full-time graduate students in the Department of Metallurgical Engineering.

o. $5,432.00 from Charles F. High Foundation, Bucyrus, Ohio, for scholarships.

p. $5,204.25 from Mr. and Mrs. Cyrus H. Sedgwick, Columbus, Ohio, to support the thesis fund in Child Development in memory of their daughter.

q. $5,000.00 from Noba, Inc., Tiffin, Ohio, for its research fund in the Department of Dairy Science.

r. $5,000.00 from Ohio Florists Association, Columbus, Ohio, for its fellowship fund in the Department of Horticulture.

3. Establishment of Named Fund

a. $2,500.00 from the family of Donald Jay Brandt for the establishment of The Donald Jay Brandt Memorial Scholarship Fund.

The Donald Jay Brandt Memorial Scholarship Fund

The Donald Jay Brandt Memorial Scholarship Fund was established May 7, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the family of the late Donald Jay Brandt, B.A. '72, in his memory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.
May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Fund (continued)

a. The Donald Jay Brandt Memorial Scholarship Fund (continued)

The annual income is to be used to provide one or more scholarships for undergraduate students in the Humanities who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

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

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported.

A. Stillman Hall Improvements

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$69,630.00</td>
<td>$86,591.74</td>
<td>$16,961.74</td>
</tr>
</tbody>
</table>

Additional work was required by the Division of Workshop and Factories, State of Ohio, to enclose the stairwells to comply with the Ohio Building Code.

Funds have been provided from Budget Account 801260, HB 531, and HB 988.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.
May 7, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Substation "C"--Underground Cables and Equipment

This project will replace obsolete equipment and provide adequate capacity for future requirements. The 4.16 KV electrical equipment serving the South Campus area is 30 years old, obsolete, and inadequate for the present day electrical requirements.

Funds are budgeted in SB 457 (Utilities and Renovations) and HB 988 (Electrical System Expansion).

B. Joseph Sullivant Hall, Remodeling

The Ohio Historical Society Museum, now known as Joseph Sullivant Hall, is to be remodeled to accommodate the Museum of Zoology, Department of Dance, Undergraduate Library, Music Library, Fine Arts Library, and a Fine Arts Gallery.

Funds are budgeted in Budget Account 801095 (Undergraduate Library), HB 828, Item 315-061 (Board of Regents).

C. Polo Field--Parking Lot Renovation

The existing parking lot is to be expanded by 37 to 40 cars to help meet the increasing needs of the area. The entire lot will then be drained and surfaced to make a good all-weather parking facility.

Funds are budgeted in Budget Account 801281 (Polo Field Parking Lot).

D. Tennis Courts--Repairs and Restoration

This project includes pavement removal and replacement, base repairs, drainage repairs, necessary net repairs, sealing surface with non-tracking sealers and paint striping of courts. The program will restore the surface to tournament standards.

Funds are budgeted in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.
May 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

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

A. Hopkins Hall, Hughes Hall--Exterior Masonry Repairs

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>$52,600.00</td>
<td>$57,720.00</td>
</tr>
<tr>
<td>Coatings Application and Waterproofing Company (St. Louis, Mo.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

B. Elevator Repairs--Haskett Hall, McCracken Power Plant, McPherson Laboratory

<table>
<thead>
<tr>
<th>Description</th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td>$114,460.00</td>
<td>$126,000.00</td>
</tr>
<tr>
<td>Waller &amp; Lund, Inc. (Columbus)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

VII. REPORT OF CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

19 Approves the release of $230,000 for the awards of contracts on the project "Southeast Ohio Area Extension Center." Funds are available in HB 988, Item 315-084.

20 Approves the release of $135,000 for the award of the contract on the project "McCracken Power Plant, Electric Utility Tie." Funds are available in HB 988, Item 315-074 (Utilities and Renovations).
VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Purchase of Property

President Enarson recommended that the following resolution be adopted:

WHEREAS, upon application by this University, the Board of Regents and the Controlling Board of the State of Ohio approved the purchase of residential property located at 285 Croswell Road, Columbus, Ohio, with title to be taken in the name of the Board of Trustees of The Ohio State University, and

WHEREAS, by earlier action of this Board authorization was given for title to be taken in the name of the State of Ohio, and

WHEREAS, because of the desirability to have the title of this property held directly by the Board of Trustees of this University,

NOW THEREFORE, BE IT RESOLVED that the Secretary of this Board be authorized upon entering into a contract for the purchase of the above realty to take title in the name of the Board of Trustees of The Ohio State University.

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

Mr. Shocknessy requested that since the Committee appointed to acquire a residence for the President has completed its work that it be discharged.

IX. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Theodore N. Beckman, Professor Emeritus in the College of Administrative Science - Faculty of Marketing; Carl R. Bibbee, County Extension Agent Emeritus in the Cooperative Extension Service; Forest W. Dean, Extension Forester Emeritus in the Cooperative Extension Service; Adolf Haas, Clinical Associate Professor in the Department of Psychiatry; George F. Henning, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology; and Thomas C. Holy, Director Emeritus of the Bureau of Educational Research in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Theodore N. Beckman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 20, 1973, of Theodore N. Beckman, Professor Emeritus in the College of Administrative Science - Faculty of Marketing.

Dr. Beckman was born in Russia on September 3, 1895. He attended The Ohio State University and received the baccalaureate degree in Business
May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Theodore N. Beckman (continued)

Administration in 1922 and the doctorate in 1924. He advanced as a faculty member at the University from Assistant Professor in 1924 to Professor in 1932 and was designated Professor Emeritus in 1966.

Recognized as an authority in all aspects of marketing, Dr. Beckman was continuously active as a professional consultant for government and business enterprise. He was in charge of the first Wholesale Census of Distribution of the Bureau of the Census in 1929-32 and advised such organizations as the U. S. Department of Commerce, the Florida Attorney General’s Office, the U. S. Department of Labor, the U. S. National Defense, the War Production Board, and the Ohio Attorney General's Office.

Dr. Beckman's expertise and dedication were recognized at various stages throughout his career. He received the Paul D. Converse Award as Marketing Man of the Year in 1959, the Distinguished Teaching Award of The Ohio State University in 1962, and the Centennial Achievement Award of the University. In 1971, he was named Man of the Year for Men's O.R.T. Dr. Beckman achieved international recognition as one of the only two recipients of the Golden Mercury Award of the Netherlands Association of Marketing in 1971.

Dr. Beckman's career was distinguished by active involvement in many educational, professional and public service organizations including the American Economics Association, the American Association of University Professors, the American Marketing Association, the American Statistical Association, the National Institute of Credit Men, The Distribution Research and Education Foundation, the Newcomen Society, the Cosmos Club of Washington, D. C., the Board of Hillel Foundation, the Board of Trustees of the Columbus Symphony, the Advisory Board of United Jewish Fund and Council, the Board of Directors of the Development Fund of The Ohio State University, and the Presidents Club of the University. In addition, Dr. Beckman was a member of several honorary academic fraternities.

Throughout the world Dr. Beckman was known for his pioneering work in wholesaling and his special contributions to such innovative marketing areas as value-added productivity, efficiency, input-output analysis and anti-trust matters. As the author and co-author of more than two dozen books, Dr. Beckman's interest and knowledge in the field of marketing will be long remembered. In every aspect of Dr. Beckman's career, his special ability to teach was profoundly evident. He exemplified to the fullest a combination of dedicated teacher and adviser, knowledgable consultant and associate, and valued friend.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.
May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Carl R. Bibbee

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 29, 1973, of Carl R. Bibbee, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Bibbee was born November 9, 1897, in Walker, West Virginia. He was graduated from Parkersburg, West Virginia, high school in 1915. The Bachelor of Science in Agriculture degree was received from West Virginia University in 1921. Additional education towards a Master of Science degree was undertaken at Cornell University in 1938.

Prior to joining the faculty of The Ohio State University on February 1, 1924, Mr. Bibbee was employed as County Agricultural Agent in Cabell County, West Virginia, from August 1, 1921 to January 31, 1924. For the first eleven years of employment in Hamilton County his responsibilities were for the 4-H club program. In 1935 he was named County Agricultural Agent - the position which he held until retirement December 31, 1957.

Mr. Bibbee was a dedicated and highly respected leader in Hamilton County as well as among his peers within and beyond the State of Ohio. He served as President of the Ohio Cooperative Extension Agents Association in 1943. His service also included directorship of the Ohio Association and the National County Agricultural Agents Association. As recognition of his outstanding accomplishments he was awarded the Certificate for Distinguished Service by the National County Agricultural Agents Association. He will long be remembered for his outstanding contribution as an educational leader in Hamilton County.

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

C. Forest W. Dean

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 9, 1973, of Forest W. Dean, Extension Forester Emeritus in the Cooperative Extension Service.

Mr. Dean was born December 14, 1893, at Homer, Ohio, where he was graduated from high school in 1912. He received a Bachelor of Science in Forestry degree from The Ohio State University in 1916. Graduate work in Botany, Entomology, and Ecology was interrupted at The Ohio State University for a 19-month tour of duty with the U. S. Army Engineers in France. His knowledge and interest in forestry were utilized in his role of cutting and supplying timber needs for the U. S. Army during World War I. He served
May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Forest W. Dean (continued)

as an Assistant Forester in the Department of Forestry at the Ohio Agricultural Research and Development Center from 1919 to 1926 and was the Extension Forester at The Ohio State University from 1926 to 1958.

Mr. Dean was a highly respected and dedicated educator in his subject area. He was the author of several popular publications of interest to Ohio farmers and foresters. The booklet "Ohio Trees" was an excellent reference on Ohio tree identification and use. Although written in the late 1930's it is still looked upon as a valuable reference by those who are fortunate enough to have a copy available for use. He was a senior member of the Society of American Foresters and had served as chairman of the Central State Foresters.

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

D. Adolf Haas

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 18, 1973, of Adolf Haas, Clinical Associate Professor in the Department of Psychiatry.

Dr. Haas was born in Poland on April 25, 1921, and came to the United States in 1951. He received the academic degree of physician by State Board in the State of Hesse Republic of Western Germany in 1950, and degree of Doctor of Medicine in 1951, achieved by dissertation in Experimental Pharmacology.

Dr. Haas interned at Mount Sinai Hospital, Chicago, from 1951 to 1952, and from 1952 to 1955 was resident in Psychiatry and Staff Psychiatrist at Elgin State Hospital, Elgin, Illinois. He had a further year of residency in Psychiatry at Ypsilanti State Hospital, Michigan, and was Board Certified by the American Board of Psychiatry and Neurology in 1959.

In 1960 he joined the faculty of The Ohio State University College of Medicine Department of Psychiatry as Assistant Professor and from 1962 to 1964 was Director of the Out-Patient Division. He was promoted to Clinical Associate Professor in the Department of Psychiatry in 1970, and also held positions in The Ohio State University Departments of Anthropology and Physical Medicine from 1964 to the time of his death.
IX. RESOLUTIONS IN MEMORIAM (continued)

D. Adolf Haas (continued)

Dr. Haas served in the United States military forces from 1955 to 1957. He was very active in community work and served on many committees and organizations including: Governor's Ad Hoc Committee for White House Conference on Aging; Chairman, Mental Health Association of Franklin County; Committee on Community Mental Health Centers; member and then Chairman of the Medical Advisory Committee of the Planned Parenthood Board.

Dr. Haas was a member of the Franklin County Academy of Medicine and served on the Socio-Economic Committee; member of the American Psychiatric Association; American Geriatrics Society; American Medical Society (State and local chapters); American Society of Gerontology; and Central Ohio Neuropsychiatric Society. He was the author of a dozen publications.

At the time of his death he was engaged full time in private practice of psychiatry; held staff appointments at The Ohio State University Hospitals, Mount Carmel Hospital, and Harding Hospital; and taught students in several disciplines—nursing, physical medicine, psychiatry.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

E. George F. Henning

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 21, 1973, of George F. Henning, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Born in Defiance County, Ohio, in 1896, Professor Henning received three degrees from The Ohio State University; the Bachelor of Science in Agriculture in 1920, Master of Science in 1925, and Doctor of Philosophy in 1933. After completing his Bachelor's degree he was County Extension Agent in Mercer County from 1920 to 1924. He joined the Ohio Agricultural Research and Development Center part time in 1924 as an Assistant Professor while doing graduate work. As a part of his Ph.D. studies he held a social science fellowship at the University of California, Berkeley, in 1929-1930. In 1931, while maintaining his appointment with OARDC, he was appointed Assistant Professor on the faculty of The Ohio State University. Throughout his career he retained a research and teaching appointment half time with the University and half time with OARDC. He was promoted to Associate Professor in 1934 and to Professor in 1938. He retired from OSU and OARDC on January 31, 1966, but actively pursued his professional interests for several years thereafter.
IX. RESOLUTIONS IN MEMORIAM (continued)

E. George F. Henning (continued)

Professor Henning was a veteran of World War I. He was a member of Alpha Zeta, professional agricultural fraternity, and Gamma Sigma Delta, agricultural honorary. He was a member of the American Agricultural Economics Association and the American Marketing Association, and served as President of the Central Ohio Chapter of the latter organization. In 1952 he received an award of recognition from the Producers Livestock Association for his pioneer work in the development of our present national system for marketing and merchandising livestock and meat products. In 1960 he served as a member of an International Cooperation Administration study team reporting to the Government of Turkey on a developmental program for agricultural marketing and agricultural credit.

During his long career his contributions in research and teaching were instrumental to the growth of the Department of Agricultural Economics and Rural Sociology. He taught courses in agricultural marketing, agricultural cooperatives, and agricultural business management. His years of research in agricultural marketing were the basis for dozens of technical publications and numerous articles in trade papers and farm magazines. His many undergraduate and graduate students are today established members of the business and professional agricultural community throughout the world.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board’s realization of the loss which the family and the University have sustained.

F. Thomas Celestine Holy

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 19, 1973, of Thomas Celestine Holy, Director Emeritus of the Bureau of Educational Research, in the College of Education.

Dr. Holy was born in Vandalia, Iowa, on October 21, 1887. He received the Bachelor of Arts degree from Des Moines University in 1919, after six years of service as a rural school teacher and superintendent of schools in Iowa and after service in the U. S. Army in World War I. He earned the Master of Arts degree in 1922 and the Doctor of Philosophy degree in 1924, both from the State University of Iowa.

After two years of service as Director of Housing and Equipment in the St. Louis public schools, Dr. Holy joined the faculty of The Ohio State University in 1927 as Head of the Survey Division of the Bureau of Educational Research in the College of Education. In 1942 he became Director of the Bureau of Educational Research, in which position he served until his retirement in 1951.
May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

F. Thomas Celestine Holy (continued)

During his 24 years of service in the Bureau of Educational Research, Dr. Holy directed or participated in hundreds of surveys and studies of education in some 20 states. He served as president of the American Educational Research Association and of the National Council on Schoolhouse Construction (now called the Council of Educational Facility Planners). For seven years he served as chairman of the commission responsible for the planning and building of state residential schools for the blind and the deaf in Columbus. He taught in summer sessions at the following universities: Arkansas, California (Berkeley), Columbia, Cornell, Idaho, and Minnesota.

Following his retirement in 1951, Dr. Holy continued his professional contributions by serving for twelve years as a special consultant in the development of a statewide plan for higher education in California and in developing a long-range plan for the City University of New York.

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

X. REPORTS

A. Report on the University's Investment Portfolio

The report dated May 4, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

B. Remarks by President Enarson

President Enarson informed the members of the Board

(1) that the budget requests are presently before the appropriate Senate Committee and that the university presidents would be testifying next week; and

(2) that he had received a communication from the American Association of University Professors placing the University on censure for the Board's action relating to David E. Green.
May 7, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 2:30 p.m.

Attest:

Edward Q. Moulton  
Secretary

Frederick R. Eckley  
Chairman
The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.


Minutes of the last meeting were approved.
June 7, 1973 meeting, Board of Trustees

The Chairman convened the meeting of the Board of Trustees.

The Chairman, Mr. Hilliker, introduced the new member of the Board of Trustees of The Ohio State University:

Chester Devenow, who was appointed by Governor John J. Gilligan to succeed Mr. Frederick R. Eckley, for the term beginning May 14, 1973 and ending May 13, 1982.

REPORT BY CHAIRMAN

Mr. Hilliker made the following statement:

I would like to take a few moments to express my thoughts on how this Board hopefully can become more effective to this University. I think those of us who have served several years on the Board have at times had a feeling of inadequacy for several reasons: first, perhaps, because we are busy and don't have enough time to devote to some problems that affect the University (this is no reflection, Mr. President, upon you or upon past President Fawcett); I think there has at times been a lack of communication between the administration and the Board. And then I think perhaps there has been lack of sufficient background material in the hands of Board members in sufficient time for them to review the problems and come to some sound judgment. I do not feel that it is the job of this Board to 'run the University.' We have employed a very capable President who, in turn, has surrounded himself with outstanding administrators, deans, faculty, and I think this is his job. I want to assure you, Mr. President, that as far as this Chairman is concerned your job is in no jeopardy for the next 12 months. I do not plan to try to run the University. There are really two reasons for this: first, I don't have enough time and secondly, I don't know how. So I am very happy to have the 'monkey on your back' and I think that I see the Board as having the responsibility of helping the administration, faculty, student body, and alumni when it is practical. I see this Board as having the responsibility of formulating policy and in the final analysis of seeing that the policy is properly carried out. Final responsibility rests squarely with the nine members of this Board of Trustees and as President Truman so aptly put it, 'the buck stops here.' So I am not sidestepping any responsibility. I am trying to say that we must delegate authority and look to those people to carry out what we want done. I am going to suggest a means, hopefully, that will bring this Board of Trustees
June 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Hilliker's statement (continued)

into closer contact with the administration, faculty, students, and alumni and this comes after a lot of consultation with various Board members who have come to me.

I have asked the Secretary to do a rather in-depth study of what I call a committee-structured Board. I really have taken a leaf from Mr. Shocknessy's year of chairmanship which I think he so effectively bridged a gap when he created the committee which has been most ably chaired by Mr. Dunlap. This committee has been able to provide this Board with a better understanding of the problems associated with the research and development program at Wooster. I want to emphasize one thing--I want to make this crystal clear--these are only working committees and they in no way are to erode the authority of this Board to discharge its responsibility in public meetings. The committees are only to help us solve problems, and hopefully, not create any. I think the committees should have specific objectives and an agenda which is set forth to achieve those objectives within a specified time--in this case, one year. At that time, I will request each committee to submit a status and an outlook report. This committee should feel free to go to any part of this University for advice, for staff people, whatever they feel is needed to help solve some of the problems. In this connection, I want to ask the support of the student body, faculty, alumni, and administration.

This Board, the Chairman excepted, is a good Board. It is made up of highly talented, qualified people and they have one interest in mind--the betterment of one of the greatest universities in the country. I now will announce the names of the committees but not the personnel. Within the next two weeks each of you will receive an outline of the duties of these committees, and at that time, I will ask your preference as to what committees you would like to serve on--where you feel you can do the most good. I cannot promise you that, for example, you will all serve on the Finance Committee. However, I can assure you right now that the chairman of the Finance Committee is going to be Mr. Safford. We are fortunate to have him available along with Mr. Shocknessy, Dr. Sirak, and Mr. Dunlap and all of you. There is a tremendous amount of expertise on this Board and we want to take full advantage of it.

Committee Structure, 1973-1974

Finance Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to the University Budget; appropriation requests; fiscal operations; property acquisition and management; and business organization and practices.
June 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Hilliker's statement (continued)

Educational Affairs Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to faculty appointments, status and tenure; all curricula and instruction; admissions, student services including residential services, student organizations, financial aid and discipline; and athletics.

Insurance Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to insurance, risk management, retirement, and employee benefits.

Buildings and Grounds Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to the planning, location, construction and maintenance of University facilities.

OARDC Agenda Review Committee is charged with the responsibility for reviewing all matters requiring the attention or action of the Board of Control so as to assure the close coordination of activities of the Center with those of the University.

That is the committee structure I proposed and at the next meeting I will announce the personnel involved. You have now just witnessed the first and last speech of this Chairman. I am a great believer in the philosophy of the past Chairman, Fred Eckley, 'keep it brief.'

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Mr. Hilliker recessed the meeting of the Board of Trustees and convened the meeting of the Board of Control.

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The Board of Trustees reconvened following the recess.

RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of J. Forest Craig, Assistant Professor Emeritus in the Department of English; Walter B. Emery, Professor in the Department of Speech Communication; and George W. Kreitler, County Extension Agent Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.
June 7, 1973 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

A. J. Forest Craig

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 18, 1973, of J. Forest Craig, Assistant Professor Emeritus in the Department of English.

Professor Craig was born on February 10, 1881. He earned B. S. and B. A. degrees at the National Normal University and B. A. and M. A. degrees at The Ohio State University.

In 1913 he joined the faculty of the Department of English at The Ohio State University, where he taught until his retirement in 1951.

Professor Craig was a member of the Modern Language Association and the National Council of Teachers of English. His principal research was on the American novel before 1900.

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

B. Walter B. Emery

The Board of Trustees expresses its sorrow at the death on May 9, 1973, of Walter B. Emery, Professor in the Department of Speech Communication.

Dr. Emery, author of five books and numerous articles on broadcast regulation and international broadcasting, was a leading expert on the regulatory aspects of telecommunications. His works included Broadcasting and Government: Responsibilities and Regulations and National and International Systems of Broadcasting.

Before entering the teaching profession full time, Dr. Emery was an attorney with the Federal Communications Commission in Washington, D. C. and was Chief of the Renewals and Revocation Division of the F. C. C. from 1946 to 1952.

In 1968, Dr. Emery joined the Ohio State faculty as Professor of Speech Communication. While at Ohio State, he led an international study tour to Europe in 1971 to investigate broadcasting systems there. He also was Director of the Centennial Symposium on Global Broadcasting. This symposium brought leaders of some of the major broadcasting systems of the world to Columbus to discuss mutual problems.

Along with his scholarship, Dr. Emery was also an outstanding teacher of graduate and undergraduate students. He directed some 40 Master's theses and Doctoral dissertations through his productive career.
RESOLUTIONS IN MEMORIAM (continued)

B. Walter B. Emery (continued)

Prior to coming to Ohio State, Dr. Emery was a Professor of Radio and Television at Michigan State University from 1957 to 1968. He also taught at the University of Oklahoma, University of Wisconsin, University of Southern California, George Washington University, and most recently was a visiting Professor at the University of Massachusetts.

Dr. Emery received his Ph.D. degree from the University of Wisconsin, a J.D. from the University of Oklahoma, and a B.A. from Oklahoma Baptist College. Recently Dr. Emery was selected as an “Outstanding Alumnus” by Oklahoma Baptist College.

Dr. Emery was a member of the bar in Ohio, Oklahoma, the District of Columbia, Michigan, and the Federal Communications Commission.

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

C. George W. Kreitler

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 2, 1973, of George W. Kreitler, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Kreitler was born February 11, 1899, in Warren, Ohio. He attended both Lordstown and Warren High Schools, graduating in 1915 from Warren High School. A Bachelor of Science in Agriculture degree was received from The Ohio State University in 1920. Additional education with credit toward a Master of Science degree was secured from both The Ohio State University and Ohio University.

Mr. Kreitler joined the faculty of The Ohio State University as a County Extension Agent in Pike County on June 15, 1920. He left this position in September 1920 to engage in farming. He returned to Extension employment as a County Agricultural Agent in Meigs County on May 15, 1923. On November 1, 1937, he transferred to Licking County and retired from that position on June 30, 1959. From July 1, 1943 to December 1, 1945, Mr. Kreitler served in the U. S. Army attaining the rank of Major.

Mr. Kreitler was a dedicated and highly respected agricultural leader in Licking County. He was well known and respected among his peers on the Extension faculty. In 1932 and 1933 he served as President of the Ohio Cooperative Extension Agents Association. In recognition of his outstanding accomplishments he was awarded the Certificate of Distinguished Service by the National Association of County Agricultural Agents. He will long be remembered for his outstanding contributions to the agricultural industry.
RESOLUTIONS IN MEMORIAM (continued)

C. George W. Kreitler (continued)

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

INTRODUCTION OF PRESIDENT OF UNDERGRADUATE STUDENT GOVERNMENT

President Enarson introduced Dennis Sargent, President of the Undergraduate Student Government.

Mr. Sargent responded to Dr. Enarson's introduction and indicated that he was anxious for a good relationship with the Board of Trustees during the year.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

The University Senate on May 8, 1973, approved a revision of the present Rules for the University Faculty relating to Examinations and Marks. This revision in the Rules was studied for over one year by the Council on Academic Affairs and referred to the various colleges for suggestions and revision before being brought to the University Senate for consideration. Simply stated, this revision

...recognizes that examinations in various disciplines differ and accordingly eliminates the requirement that examinations must be "written," and assigns the responsibility for the nature of the final examination in each course to the instructor;

...relates the marks A, B, C, D, and E to student performance relative to stated course objectives;

...sets a specific time in each quarter when a final grade for I (Incomplete) is to be reported--the sixth Saturday of the quarter following the quarter in which the I was received;
June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

... allows freshmen to repeat 15 credit hours of courses in which the grade of D or E has been received with only the grades of the repeated course work counting in the accumulative point-hour average and credit hours toward graduation;

... allows students to withdraw from courses without record until the fourth Saturday of a quarter, with the mark W on record until the seventh Saturday of a quarter, and, only upon approval of petition, after the seventh Saturday of a quarter;

... clarifies the differences between withdrawal from courses and withdrawal from the University.

The full text of these revisions and modifications is attached. (See Appendix VIII, page 499.)

President Enarson recommended that the foregoing changes in the Rules for the University Faculty, as approved by the University Senate, be adopted by the Board of Trustees, effective Autumn Quarter 1973.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

B. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1970-71 has been received and reviewed by the appropriate officers of the University. The procedures which were noted as needing modification have been implemented in accordance with the suggestions of the Auditor of State.

President Enarson recommended that the Annual Report of the Auditor of State for the fiscal year 1970-71 be accepted and filed with the official documents of the University.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.
I. GENERAL RECOMMENDATIONS (continued)

C. Degrees and Certificates Conferred--Spring Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 8, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IX, page 511.)

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

D. Budget for the 1973-74 Fiscal Year

President Enarson made the following statement and recommendation:

I am requesting authorization for a provisional budget for 1973-74 for this University, subject to a number of contingencies which might cause changes in both planned income and expenditures. While the Ohio General Assembly has not as yet passed an appropriation bill for higher education for the 1973-75 biennium or acted upon several bills which will affect pay ranges for our classified personnel, the continued operation of the University makes it necessary to propose University expenditure budgets for 1973-74 at this time. This budget which you have before you is balanced, with a minimal but adequate General Reserve of $2,000,000, assuming the level of support as passed by the Ohio House of Representatives. It should be understood, however, that if there is a greater decline in enrollments than we have anticipated, or further cutbacks in federal support, or an unfavorable court decision on our residency requirement, or finally a substantial change in the appropriation bill which was passed by the Ohio House, adjustments will be required to both income and expenditures to achieve the intent of this expenditure plan. In any case, when we receive our State appropriation, I will resubmit for your consideration this University's budget for 1973-74.

CHARACTERISTICS OF 1973-74 FINANCIAL PLAN

Retrenchment

The most significant element of the 1973-74 budget is the required retrenchment to bring our expenditures in line with the anticipated level of state funding, student fee income, and rapidly increasing fixed costs. The retrenchment for the Columbus campus, summarized below, amounts to over 8 million dollars:
I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

<table>
<thead>
<tr>
<th>Fiscal Category</th>
<th>Academic Units</th>
<th>Operations Units</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Personnel Services</td>
<td>$3,014,000</td>
<td>$2,285,000</td>
<td>$5,299,000</td>
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<tr>
<td>Operating</td>
<td>562,000</td>
<td>1,142,000</td>
<td>1,704,000</td>
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<tr>
<td>Equipment</td>
<td>244,000</td>
<td>155,000</td>
<td>399,000</td>
</tr>
<tr>
<td>All Other</td>
<td>296,000</td>
<td>422,000</td>
<td>718,000</td>
</tr>
<tr>
<td>Totals</td>
<td>$4,116,000</td>
<td>$4,004,000</td>
<td>$8,120,000</td>
</tr>
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</table>

The overall average decrease was 5.5% in the academic units and 8% in the operations areas. Similar retrenchment was carried out throughout all other units of the University. To achieve this retrenchment, it was necessary for our colleges, departments, and other operational units to reduce staff, primarily through attrition, reduce operating costs, and in a number of cases curtail programs and commitments. The freeze on hiring which we imposed earlier this year was of material assistance to us in achieving these reductions.

University Services budgets were reduced by an average of 8%. The Research Foundation Administration retrenched by 8%, by eliminating vacant positions, and reducing operating expense. Auxiliary operations budgets were reduced even though no State funds are involved in anticipation of pending fixed cost increases. We also found it necessary to reduce the support level of the student unions. If there is no upward modification in the support levels recently passed by the House of Representatives, retrenchment for the second year of the biennium will mean additional hardships, including loss of more full-time faculty. Though the faculty and staff at Ohio State have generally taken a positive and constructive attitude toward the adjustments incorporated in this budget, cuts of this magnitude continue to create many problems and pressures.

Enrollment

Along with other major state universities around the nation, enrollments at Ohio State have declined. On the Columbus campus, enrollment for fall 1972 was 45,866, down 600 students from our all-time high of the previous fall. Our best estimate for fall 1973 is 44,000 students, or a decline of 4% from 1972; and for fall 1974 the estimate is 43,000 students,
BUDGETS FOR THE 1973-74 FISCAL YEAR

<table>
<thead>
<tr>
<th>Current General Unrestricted</th>
<th>Estimated 1972-73</th>
<th>Budgeted 1973-74</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbus Campus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel Services</td>
<td>$101,315,000</td>
<td>$99,451,000</td>
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<tr>
<td>Operating and Equipment</td>
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<tr>
<td>All Other</td>
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<td>8,904,000</td>
</tr>
<tr>
<td><strong>Total Columbus Campus</strong></td>
<td>$132,649,000</td>
<td>$127,769,000</td>
</tr>
</tbody>
</table>

| Regional Campuses            |                   |                  |
| Administration               | $115,000          | $131,000         |
| Lima Campus                  | 1,386,000         | 1,387,000        |
| Mansfield Campus             | 1,322,000         | 1,293,000        |
| Marion Campus                | 905,000           | 842,000          |
| Newark Campus                | 1,043,000         | 1,167,000        |
| Agricultural Technical Institute | 339,000      | 669,000          |
| **Total Regional Campuses**  | $5,112,000        | $5,489,000       |

| Departmental Earnings        | $4,866,000        | $5,323,000       |
| University Services          | 2,154,000         | 2,133,000        |
| Research Foundation Administration | 1,663,000    | 1,530,000        |
| **Total Unrestricted**       | $146,444,000      | $142,244,000     |

| Current General Restricted   |                   |                  |
| Endowments                   | $975,000          | $1,000,000       |
| Mershon Funds (Restricted)   | 650,000           | 700,000          |
| Federal Grants and Contracts | 40,962,000        | 40,795,000       |
| Ohio Grants and Contracts    | 2,130,000         | 2,200,000        |
| Engineering Experiment Station| 1,775,000       | 1,735,000        |
| Development Fund Gifts       | 2,950,000         | 3,100,000        |
| Other Private Gifts          | 1,784,000         | 1,834,000        |
| Conference Accounts          | 1,150,000         | 1,200,000        |
| **Total Restricted**         | $52,376,000       | $52,564,000      |

| Current General Auxiliaries  |                   |                  |
| Cooperative Extension        | $11,413,000       | $11,856,000      |
| University Hospitals         | 42,966,000        | 44,900,000       |
| Student Housing              | 13,426,000        | 12,978,000       |
| Intercollegiate Athletics    | 4,262,000         | 4,174,000        |
| University Bookstores        | 3,050,000         | 2,547,000        |
| Student Unions               | 1,795,000         | 1,838,000        |
| Parking Facilities           | 1,400,000         | 1,481,000        |
| Fawcett Center for Tomorrow  | 960,000           | 1,020,000        |
| Facilities Services          | 2,132,000         | 1,959,000        |
| Dairy and Meats Laboratories | 2,035,000         | 2,078,000        |
| University Airport           | 700,000           | 972,000          |
| Other                        | 442,000           | 509,000          |
| **Total Auxiliaries**        | $84,601,000       | $86,310,000      |
| **Total Current General Funds** | $283,421,000     | $281,118,000     |
### SOURCES OF INCOME FOR 1973-74 BUDGET

<table>
<thead>
<tr>
<th>Source</th>
<th>Estimated 1972-73</th>
<th>Budgeted 1973-74</th>
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</thead>
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<tr>
<td><strong>Current General Unrestricted</strong></td>
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</tr>
<tr>
<td>Columbus Campus</td>
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<tr>
<td>Instructional Subsidy</td>
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<td>Temporary Investments</td>
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<td>All Other</td>
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<tr>
<td>Regional Campuses</td>
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<td></td>
</tr>
<tr>
<td>Lima Campus</td>
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<tr>
<td>Mansfield Campus</td>
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<td>Marion Campus</td>
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<tr>
<td>Newark Campus</td>
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<td><strong>Total Regional Campuses</strong></td>
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<td><strong>Current General Restricted</strong></td>
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<td>Endowments</td>
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<tr>
<td>Federal Grants and Contracts</td>
<td>$45,050,000</td>
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<tr>
<td>Ohio Grants and Contracts</td>
<td>$2,130,000</td>
<td>$2,200,000</td>
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<tr>
<td>Engineering Experiment Station</td>
<td>$1,925,000</td>
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<tr>
<td>Development Fund</td>
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<tr>
<td>Other Private Gifts and Grants</td>
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<td>$1,850,000</td>
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<tr>
<td>Conference Accounts</td>
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<td>$1,200,000</td>
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<tr>
<td><strong>Total Restricted</strong></td>
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<td>$56,915,000</td>
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<tr>
<td><strong>Current General Auxiliaries</strong></td>
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<td></td>
</tr>
<tr>
<td>Cooperative Extension</td>
<td>$11,420,000</td>
<td>$11,856,000</td>
</tr>
<tr>
<td>University Hospitals</td>
<td>$44,248,000</td>
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<td>Student Housing</td>
<td>$13,857,000</td>
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<tr>
<td>Intercollegiate Athletics</td>
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<td>$4,809,000</td>
</tr>
<tr>
<td>University Bookstores</td>
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</tr>
<tr>
<td>Student Unions</td>
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</tr>
<tr>
<td>Parking Facilities</td>
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<tr>
<td>Fawcett Center for Tomorrow</td>
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<td>$86,000</td>
</tr>
<tr>
<td>Facilities Services</td>
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<tr>
<td>Dairy and Meat Laboratories</td>
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<td>University Airport</td>
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<tr>
<td>Other</td>
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<tr>
<td><strong>Total Auxiliaries</strong></td>
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<td>$88,095,000</td>
</tr>
<tr>
<td><strong>Total Current General Funds</strong></td>
<td>$283,421,000</td>
<td>$281,118,000</td>
</tr>
</tbody>
</table>
June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson’s statement and recommendation (continued)

or a further decline of over 2%. We then expect enrollment to stabilize for the rest of the decade.

These enrollment decreases translate directly into an income decrease from our two major resources: state subsidy and student fees.

Increases

We are a heavily oriented "service" industry. Four of every five dollars are spent for salaries and wages. In the past five years, the average faculty income, after adjustment for inflation, has gone up exactly $1 per year. Bluntly, the people who work for universities are not sharing in the growth of national real income.

Also, we are experiencing dramatic increases in our other costs:

- Water rates were up 13% in 1972-73 and are expected to increase another 11% next year.
- Natural gas rates were up 6% this year and will soar another 10% next year.
- Blue Cross rates increased 15% this year ($13.02 to $15.06).
- Unemployment compensation in addition to workmen's compensation became an obligation of the University as of January 1, 1972, by legislative mandate.

There are some increases in prospect that, while not definite, are likely.

- Telephone rates are proposed to be increased 38%.
- Minimum wage rates may increase as much as 38%, from the existing $1.60 per hour to $2.20 per hour.

Of great significance to this University is the State administration's proposal calling for mandated pay increase for classified employees, which while well deserved will cost this University an estimated 6 million dollars for the biennium.
June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

The budget before you provides for selective salary increases of 4% for instructional and professional staff, the anticipated mandated increase for classified employees of 4.5% in addition to the normal step increases, no increases in the operating and equipment budgets to meet inflationary costs, coverage of the fixed cost increases, a retrenchment of over 8 million dollars, and no program improvements.

In summary, I want to emphasize several aspects of our budget for this coming year.

First, with the upward modification by the House in our anticipated appropriation, it is probable that there will be no student fee increase for this coming year. While some may question not asking students to share in the increasing costs of higher education, during the past decade the students' share has risen disproportionately (from 25% of the total support to the presently 35%) with an equivalent reduction in the percentage provided by the State. If the Senate concurs with the funding approach passed by the House, this trend will begin to be reversed.

Second, I had hoped that I would be able to present to you at this time, the general financial plan for the second year of the biennium. However, since we do not have an appropriations act, it would not be very meaningful to discuss our plans for the following year with all of the uncertainties of this coming year. Instead, when our biennial appropriation is known, I will present for your consideration the spending plan for both years of the biennium.

It is recommended then that the provisional budget for the fiscal year 1973-74 with supporting statements be approved and that the Secretary be instructed to incorporate these detailed statements and supporting documents by reference, including the salary rolls and inventory of fees and charges for the fiscal year 1973-74 and to file these materials with the official records of the University.
I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

It is recommended also that the final summary statements be prepared for submission at a subsequent meeting of the Board of Trustees, reflecting the actual appropriation received from final action by the Ohio General Assembly including any additional recommendations necessitated by legislative action.

Upon motion of Mr. Safford, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendations with eight affirmative votes and Mr. Shocknessy abstaining.

E. Establishment of the Stanton Youngberg Professorship of Veterinary Medicine

Pursuant to the conditions set forth by the Board of Trustees for the establishment of an endowed professorship, President Enarson recommended that the Stanton Youngberg Professorship of Veterinary Medicine be established at The Ohio State University.

Dr. Stanton Youngberg was awarded the Doctor of Veterinary Medicine degree by The Ohio State University in 1907. In 1954, Dr. Youngberg became the first veterinarian to receive the honorary degree of Doctor of Science from The Ohio State University. Dr. Youngberg was an appreciated guardian of public health and an effectual humanitarian. He designated his Alma Mater as the provider of unbroken opportunity for usefulness to mankind.

Dr. Youngberg bequeathed $279,000 to the University. The income provided from the endowment will be used to support the Stanton Youngberg Professorship and related programs.

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

II. PERSONNEL ACTIONS

Personnel actions since the May 7, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments; Leaves of Absence Without Salary; Emeritus Titles; and Chairmen of Departments, Academic Faculties, and Divisions; and Directors of Schools:
II. PERSONNEL ACTIONS (continued)

A. Appointments

Joanne Wharton Murphy, University Ombudsman, effective September 1, 1973, at a salary of $24,168.00 per annum (Twelve-month appointment).

Richard H. Armitage, Vice President for Student Affairs, Office of Student Affairs, effective September 1, 1973, at a salary of $34,068.00 per annum.

Donald P. Anderson, Acting Dean of the College of Education, effective July 1, 1973, at a salary of $29,928.00 per annum (Twelve-month appointment).

Robert L. Hamlin, Stanton Youngberg Professor of Veterinary Medicine, effective July 1, 1973, at a salary of $28,128.00 per annum (Twelve-month appointment).

B. Leaves of Absence Without Salary

Robert H. Bremner, Professor, Department of History, effective January 1, 1974 through June 30, 1974, to accept a National Endowment for the Humanities grant.

Francille M. Firebaugh, Professor, School of Home Economics, effective July 1, 1973 through August 31, 1973, to continue with the review of research proposals and assist with home management and family economics programs with USDA - Cooperative State Research Service, Washington, D. C.

Ralph E. Franklin, Jr., Professor, Department of Agronomy, effective July 1, 1973 through August 31, 1973, to continue as soil research scientist with the Atomic Energy Commission, Washington, D. C.

Wolfgang Krieger, Professor, Department of Mathematics, effective July 1, 1973 through March 31, 1974, to continue work at the University of Gottingen, Gottingen, West Germany.

Harold H. Wolf, Professor, College of Pharmacy, effective October 1, 1973 through February 28, 1974, to accept a Fulbright appointment as U. S. lecturer and consultant in Malaysia.

William G. Lycan, Associate Professor, Department of Philosophy, effective January 1, 1974 through June 30, 1974, to accept a visiting professorship at Tufts University.
June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary (continued)

Guido Mislin, Associate Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to continue work at ETH in Zurich, Switzerland.

Marshall William Swain, Associate Professor, Department of Philosophy, effective January 1, 1974 through March 31, 1974, to do research in Problems in Inductive Logic at Cambridge University in England.

Michael Lin, Assistant Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to work at Jerusalem University, Israel.

Alyce R. Polcyn, Assistant Professor, School of Nursing, effective July 1, 1973 through June 30, 1974, for personal reasons.

Michael James Zwettler, Assistant Professor, Department of Romance Languages, effective October 1, 1973 through March 31, 1974, to accept a National Endowment for the Humanities Fellowship.

Gunta E. Burt, Instructor, College of Pharmacy, effective May 1, 1973 through June 30, 1973, for personal reasons.

Kenneth A. Harkness, Instructor, Department of Agricultural Engineering, effective May 1, 1973 through June 30, 1973, to work on Ph.D. dissertation and to engage in a professional development program in food engineering by working with a commercial firm.

Thomas E. Hippie, Instructor, College of Pharmacy, effective April 1, 1973 through June 30, 1973, to work full time in Children's Hospital Pharmacy.

A. Richard Sentieri, Instructor, Mansfield Campus, effective October 1, 1973 through September 30, 1974, to complete work on his doctorate.

C. Emeritus Titles

James C. Babcock, Department of Romance Languages, with the title Professor Emeritus, effective May 1, 1973.
II. PERSONNEL ACTIONS (continued)

C. Emeritus Titles (continued)

Jack O. Evans, School of Music, with the title Professor Emeritus, effective August 1, 1973.

Nellie F. Jennings, University Library, with the title Professor Emeritus, effective July 1, 1973.

John H. McDowell, Department of Theatre, with the title Professor Emeritus, effective September 1, 1973.

Dorothy Permar, College of Dentistry, with the title Professor Emeritus, effective July 1, 1973.

William H. Ewing, Department of Speech Communication, with the title Associate Professor Emeritus, effective July 1, 1973.

Norris E. Lenahan, Department of Anesthesiology, with the title Associate Professor Emeritus, effective July 1, 1973.

James W. Long, Department of Ophthalmology, with the title Assistant Professor Emeritus, effective July 1, 1973.

D. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools

Reappointment of the following persons to terms as Department Chairmen and Directors of Schools, (normally four years), effective as indicated:

July 1, 1973 through June 30, 1977

<table>
<thead>
<tr>
<th>Department</th>
<th>Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Education</td>
<td>Ralph E. Bender</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td>Gordon L. Nelson</td>
</tr>
<tr>
<td>Agronomy</td>
<td>Garth W. Volk**</td>
</tr>
<tr>
<td>Animal Science</td>
<td>George R. Johnson</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Leon M. Dorfman</td>
</tr>
<tr>
<td>Dance</td>
<td>Helen P. Alkire</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>M. O. Thurston</td>
</tr>
<tr>
<td>Engineering Graphics</td>
<td>Clyde H. Kearns, Jr.*</td>
</tr>
<tr>
<td>Entomology</td>
<td>D. Lyle Goleman</td>
</tr>
</tbody>
</table>

*New appointment.

**Term July 1, 1973 through June 30, 1975.
II. PERSONNEL ACTIONS (continued)

D. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools (continued)

July 1, 1973 through June 30, 1977 (continued)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>German Health, Physical Education and Recreation, School of Industrial Design</td>
<td>Charles Hoffmann</td>
</tr>
<tr>
<td>Medical Health, Physical Education and Recreation, School of Industrial Design</td>
<td>Lewis A. Hess</td>
</tr>
<tr>
<td>Microbiology</td>
<td>Charles Wallschlaeger*</td>
</tr>
<tr>
<td>Physiological Chemistry</td>
<td>James V. Warren</td>
</tr>
<tr>
<td>Poultry Science</td>
<td>Robert M. Pfister</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Ian W. Gregory</td>
</tr>
<tr>
<td>Veterinary Physiology and Pharmacology</td>
<td>Thomas E. Powers**, Tony J. Peterle</td>
</tr>
<tr>
<td>Zoology</td>
<td></td>
</tr>
</tbody>
</table>

German

<table>
<thead>
<tr>
<th>Subject</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Services</td>
<td>James Wigtil</td>
</tr>
<tr>
<td>Marketing</td>
<td>James F. Robeson*</td>
</tr>
</tbody>
</table>

Reappointment of the following persons to one-year terms as Chairmen of Divisions, effective as indicated:

July 1, 1973 through June 30, 1974

<table>
<thead>
<tr>
<th>Subject</th>
<th>Chairmen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative and Social Sciences (Pharmacy)</td>
<td>T. Donald Rucker*</td>
</tr>
</tbody>
</table>

*New appointment

**Acting Chairman since December 1, 1972.
II. PERSONNEL ACTIONS (continued)

D. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools (continued)

July 1, 1973 through June 30, 1974 (continued)

Art
Clinical Pharmacy and Comparative Literature and
and Professional Practice Languages
Dental Hygiene
History of Art
Medicinal Chemistry
Pharmacognosy and Natural Products Chemistry
Pharmaceutics and Pharmaceutical Chemistry
Pharmacology (Pharmacy)
Statistics

Francis Ruzicka
Clifton J. Latiolais
Wayne Lawson
Nancy M. Reynolds
Franklin Ludden
Donald T. Witiak
Louis Malspeis
Jack L. Beal
Harold Wolf
D. Ransom Whitney

October 1, 1973 through September 30, 1974

Art Education
Public Administration

Kenneth Marantz
Clinton V. Oster

Reappointment of the following person to a one-year term as Chairman of an Academic Faculty, effective July 1, 1973 through June 30, 1974:

Vocational-Technical Education

Robert Reese

Appointment of the following person as Acting Chairman, effective October 1, 1973 through September 30, 1974:

Slavic Languages and Literatures

David Robinson

*New appointment

**On leave July 1, 1973 through February 28, 1974. John W. Nelson will serve as Acting Chairman during this period.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, Chairmen of Departments, Academic Faculties, and Divisions, Promotions in Academic Rank, and the personnel budget actions as recorded in the "Salary Roll," of the University be approved.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.
June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of April be accepted.

**SUMMARY**

<table>
<thead>
<tr>
<th>No. of Projects/Donors</th>
<th>Gross Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Finance and Treasurer</td>
<td>16</td>
</tr>
<tr>
<td>The Ohio State University Research Foundation</td>
<td>35</td>
</tr>
<tr>
<td>The Engineering Experiment Station</td>
<td>1</td>
</tr>
<tr>
<td>The Ohio State University Development Fund</td>
<td>2,143</td>
</tr>
</tbody>
</table>

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

<table>
<thead>
<tr>
<th></th>
<th>Amount of Support</th>
<th>% Change 1971-72</th>
<th>Number of Projects</th>
<th>% Change 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>$4,660,342.00</td>
<td>-7.5</td>
<td>22</td>
<td>46.7</td>
</tr>
<tr>
<td>Training Grants</td>
<td>20,417,361.71</td>
<td>2.6</td>
<td>169</td>
<td>16.7</td>
</tr>
<tr>
<td></td>
<td>$25,077,704.71</td>
<td>0.5</td>
<td>190</td>
<td>19.5</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td>371,857.13</td>
<td>-23.1</td>
<td>17</td>
<td>-10.5</td>
</tr>
<tr>
<td><strong>Industrial and Other</strong></td>
<td>538,980.06</td>
<td>33.5</td>
<td>16</td>
<td>100.0</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>$25,988,540.90</td>
<td>0.6</td>
<td>223</td>
<td>19.9</td>
</tr>
</tbody>
</table>

1. Contracts/Grants
   a. $227,720.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Title IV Graduate Fellowship Program, under the direction of the Graduate School, for the period September 1, 1973 through August 31, 1974. (Grant No. OEG-0-73-2637)
   b. $160,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Preparing Leadership Personnel in School Psychology, under the direction of the College of Education, for the period September 1, 1973 through August 31, 1974. (Grant No. OEG-0-70-4214)
   c. $84,097.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Otolaryngology and Audiology - Training Grant, under the direction of the Department of Otolaryngology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 NS05397-11)
   d. $76,680.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Renal Disease - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05975-02)
e. $61,065.49 granted by The National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D.C., to the University to provide training for personnel who are responsible for training sheet metal and air conditioning apprentices in industry, under the direction of the Center for Vocational and Technical Education, for the period May 2, 1973 through September 30, 1973.

f. $50,296.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Postdoctoral Training in Neurological Surgery, under the direction of the Department of Surgery, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 NS05529-08)

g. $38,876.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Teaching Skill Institute for Pharmacy Educators, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Grant No. 5 A15 PE05002-02)

h. $31,644.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Expansion of Noncommercial Educational Radio Station WOSU-FM, operating on Channel 209 at Columbus, Ohio, under the direction of the Telecommunications Center. (Grant No. OEG-0-73-0350)

i. $30,989.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D.C., to the University for Abstracts of Instructional Materials and Abstracts of Research Materials, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1973 through June 30, 1973. (Grant No. OEG-0-73-3016)

j. $30,347.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Energy Conversion in Primary Bio-Photoprocesses, Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K03 GM21946-10)
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

k. $28,005.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Electropharmacological Control of Cardiac Function, Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K03 HL11929-10)

l. $23,208.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pathology of Myocardial Hypertrophy and Failure, Development Award - Research Career Program, under the direction of the Department of Pathology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K04 HL70248-02)

m. $19,259.00 granted by Ohio Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, to the University for conducting a series of workshops for planning new programs in vocational education in agriculture in Ohio, under the direction of the Department of Agricultural Education, during the month of June, 1973.

n. $13,887.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Physiology - Training Grant, under the direction of the Department of Physiology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05843-05)

o. $11,250.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Statewide Library Planning and Evaluation, under the direction of the University Library, for the period June 15, 1972 through May 31, 1973. (Grant No. OEG-0-72-7535, Revised)

p. $3,500.00 additional grant by Small Business Administration, Washington, D. C., to the University for management counseling and technical assistance, under the direction of the College of Administrative Science, for the period ending June 30, 1973. (Contract No. SBA-1568-PMA-73, Modification No. 1)
### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

#### B. The Ohio State University Research Foundation

**Summary for Fiscal Year 1972-73**

*(Ten Months through April 30, 1973)*

<table>
<thead>
<tr>
<th>Program</th>
<th>Support</th>
<th>% Change 1971-72</th>
<th>Number of Projects</th>
<th>% Change 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atomic Energy Commission</td>
<td>$468,445.00</td>
<td>5.64</td>
<td>9</td>
<td>28.57</td>
</tr>
<tr>
<td>National Aeronautics and Space</td>
<td>461,533.00</td>
<td>-22.16</td>
<td>16</td>
<td>-15.79</td>
</tr>
<tr>
<td>Administration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>3,423,550.00</td>
<td>39.02</td>
<td>89</td>
<td>50.85</td>
</tr>
<tr>
<td>Department of Defense</td>
<td>2,393,950.00</td>
<td>-40.23</td>
<td>57</td>
<td>-35.23</td>
</tr>
<tr>
<td>Other Federal</td>
<td>3,365,872.00</td>
<td>132.94</td>
<td>40</td>
<td>73.91</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$18,895,584.52</td>
<td>11.35</td>
<td>338</td>
<td>-5.32</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td>321,137.56</td>
<td>92.81</td>
<td>8</td>
<td>166.67</td>
</tr>
<tr>
<td><strong>Industrial and Other</strong></td>
<td>2,273,904.82</td>
<td>37.66</td>
<td>107</td>
<td>1.90</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>$21,490,626.90</td>
<td>14.38</td>
<td>453</td>
<td>-2.58</td>
</tr>
</tbody>
</table>

1. Federal Research Contracts/Grants


   Gross Value - $37,432.00.

b. Environmental Protection Agency, Research Triangle Park, North Carolina, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-M - Ext. #12 - Department of Chemistry).

   Gross Value - $87,720.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Development Fund (continued)

1. Federal Research Contracts/Grants (continued)

   c. Environmental Protection Agency, Research Triangle Park, North Carolina, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-M1 - Dtd. 2/20/73 - Department of Electrical Engineering).
   Gross Value - $17,280.00.

   d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as Project No. 2308-E - Ext. #5 - Department of Physiology).
   Gross Value - $18,375.00.

   e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-C - Ext. #4 - Department of Pathology).
   Gross Value - $35,063.00.

   Gross Value - $15,000.00.

   g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Assays for Enzyme and Inhibitors (to be known as Project No. 2791-D - Ext. #4 - College of Pharmacy).
   Gross Value - $20,381.00.

   h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Yaba Virus Oncogenesis Immunologic and Viral Factors (to be known as Project No. 2899-C - Ext. #5 - Department of Veterinary Pathobiology).
   Gross Value - $41,610.00.

   i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-C - Ext. #3 - Department of Chemistry).
   Gross Value - $26,733.00.
June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
   (continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

   j. National Science Foundation, Washington, D. C., Field Work and
      Analysis of Miwok Languages (to be known as Project No. 3165-A1 -
      Amend. #1 - Department of Linguistics).
      Gross Value - $26,300.00.

   k. National Science Foundation, Washington, D. C., Class Groups of
      Global Fields (to be known as Project No. 3227-A1 - Amend. #2 -
      Department of Mathematics).
      Gross Value - $6,500.00.

   l. National Science Foundation, Washington, D. C., Earliest German
      Medical and Chemical Works (to be known as Project No. 3241-A1 -
      Amend. #2 - Departments of German and Chemistry).
      Gross Value - $36,200.00.

   m. Department of Health, Education, and Welfare, Office of Education,
      Chicago, Illinois, A Proposal for the Establishment of a Midwest
      Center and Institute for Equal Educational Opportunities at The Ohio
      State University, Columbus, Ohio (to be known as Project No.
      3247-A1 - Rev. #4 - Academic Faculty of Educational Development).
      Gross Value - $65,446.00.

   n. Department of Health, Education, and Welfare, Office of Education,
      Washington, D. C., National Program in Educational Leadership
      (to be known as Project No. 3252-A1 - Memo Dtd. 3/23/73 -
      Mershon Center for Education in National Security).
      Gross Value - $147,052.52.

   o. National Science Foundation, Washington, D. C., Simple Groups
      of 2-Rank at Most 4 (to be known as Project No. 3415-A1 -
      Amend. #1 - Department of Mathematics).
      Gross Value - $5,600.00.

   p. National Science Foundation, Washington, D. C., Environmental
      Influences on Stability of Soil Masses (to be known as Project No.
      3449-A1 - Ext. #1 - Department of Civil Engineering).
      Gross Value - $26,200.00.

   q. National Science Foundation, Washington, D. C., The Approximation
      Problem in Banach Spaces (to be known as Project No. 3455-A1 -
      Amend. #1 - Department of Mathematics).
      Gross Value - $12,200.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

r. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Effects of Refraction and Dispersion on High Altitude Measurements of Atmospheric Gases (to be known as Project No. 3460-A1 - Mod. #2 - Department of Physics).
Gross Value - $20,000.00.

Gross Value - $26,000.00.

Gross Value - $65,914.00.

Gross Value - $21,000.00.

Gross Value - $46,850.00.

Gross Value - $88,000.00.

Gross Value - $9,853.00.
June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS (continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

      Gross Value - $40,500.00.

      Gross Value - $4,200.00.

       Gross Value - $32,500.00.

       Gross Value - $24,000.00.

       Gross Value - $50,400.00.

   dd. National Science Foundation, Washington, D. C., Regulation of Deoxynucleotide Biosynthesis in Higher Plants (to be known as Project No. 3662-A1 - New - Department of Biochemistry).
       Gross Value - $29,000.00.

       Gross Value - $12,500.00.

TOTAL - Federal Research Contracts/Grants $1,095,809.52
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contract/Grant

   a. Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, Evaluation of Parole Case-Aides Project (to be known as Project No. 3653-A1 - New - Division of Public Administration). Gross Value - $1,000.00.

3. Industrial and Other Contracts/Grants

   a. Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-D - New - Department of Metallurgical Engineering). Gross Value - $24,000.00.


   c. City of Columbus, Columbus, Ohio, Bail System Development Study (to be known as Project No. 3621-A1 - Addendum - Division of Public Administration and Department of Industrial and Systems Engineering). Gross Value - $6,753.00.

TOTAL - Industrial and Other Contracts/Grants $42,093.00

C. The Engineering Experiment Station

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

<table>
<thead>
<tr>
<th></th>
<th>Amount of Support</th>
<th>% Change 1971-72</th>
<th>Number of Projects</th>
<th>% Change 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal</td>
<td>$141,395.00</td>
<td>-33.1</td>
<td>14</td>
<td>7.7</td>
</tr>
<tr>
<td>State</td>
<td>463,580.00</td>
<td>31.2</td>
<td>33</td>
<td>57.1</td>
</tr>
<tr>
<td>Industrial and Other</td>
<td>358,704.00</td>
<td>10.3</td>
<td>256</td>
<td>-3.8</td>
</tr>
<tr>
<td>Totals</td>
<td>$963,679.00</td>
<td>11.0</td>
<td>303</td>
<td>1.0</td>
</tr>
</tbody>
</table>

1. Industrial Research Contract

   EES 440X Improvements in Pyrometric Cone Behavior, The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio. Gross Value - $16,958.00.
III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

<table>
<thead>
<tr>
<th></th>
<th>Amount of Gifts</th>
<th>% Change 1971-72</th>
<th>Number of Donors</th>
<th>% Change 1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Solicitation</td>
<td>$ 519,499.00</td>
<td>18.3</td>
<td>22,878</td>
<td>- 2.6</td>
</tr>
<tr>
<td>Major Resources Group</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Individual Gifts</td>
<td>$ 2,365,550.00</td>
<td>94.5</td>
<td>608</td>
<td>57.5</td>
</tr>
<tr>
<td>Corporate Gifts</td>
<td>1,006,328.00</td>
<td>10.6</td>
<td>394</td>
<td>5.9</td>
</tr>
<tr>
<td>Foundation and</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Profit Organization</td>
<td>1,238,803.00</td>
<td>31.2</td>
<td>395</td>
<td>- 17.4</td>
</tr>
<tr>
<td>Total</td>
<td>$ 4,610,681.00</td>
<td>50.2</td>
<td>1,397</td>
<td>13.0</td>
</tr>
<tr>
<td>Grand Total</td>
<td>$ 5,130,180.00</td>
<td>46.2</td>
<td>24,275</td>
<td>- 1.8</td>
</tr>
</tbody>
</table>

2. Gifts of $5,000 or More

a. $92,865.80 from the Estate of C. Howard Stokes, Cleveland, Ohio, to assist with the funding of the University Activities Center.

b. $57,168.52 from Louise Orr Scott Foundation, Columbus, Ohio--$42,876.39 for scholarships in the College of Medicine and $14,292.13 for scholarships in the College of Pharmacy.

c. $49,900.00 from Josephine Baker Sidnell, Estate, Ft. Lauderdale, Florida, for research in the cure and control of cardiovascular diseases.

d. $20,721.66 from the Estate of Olline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for eye research.

e. $15,397.60 from Searle Diagnostic, Inc., Columbus, Ohio--$5,376.80 for pharmacology research, $5,020.80 for cancer research, and $5,000.00 for gastroenterology research.

f. $12,806.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.
June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of $5,000 or More (continued)

  g. $11,000.00 from Martha Holden Jennings Foundation, Cleveland, Ohio, for use in the Student Community Services Program in the College of Education.

  h. $10,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Department of Animal Science.

  i. $10,000.00 from the Estate of Kenyon S. Campbell, Columbus, Ohio, for use in the College of Law.

  j. $8,050.00 from Schering Corporation, Bloomfield, New Jersey, for infectious disease research in the College of Medicine.

  k. $5,000.00 from John J. Barone, Toledo, Ohio, for the Division of Urology in the College of Medicine.

3. Establishment of Named Fund

  a. $2,195.00 from members of the Medical Class of 1942 for the establishment of the David Berger Memorial Fund.

David Berger Memorial Fund

The David Berger Memorial Fund was established June 7, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from members of the Medical Class of 1942, in memory of the late David Berger, Cleveland, Ohio, son of a classmate, Benjamin Berger, M.D. '42, who was killed in Munich, Germany, during the 1972 Olympics while competing as a member of the Israeli Olympic Team.

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

Gifts are to be used for research in medical problems, with first preference to be given to problems related to sports medicine.

* * *
IV. **EXTRA AND CREDIT ORDERS TO CONTRACTS**

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

**A. Dentistry Building, South Wing Addition**

<table>
<thead>
<tr>
<th>Original Contract Cost</th>
<th>Total Construction Cost</th>
<th>Total Change Order Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5,100,258.00</td>
<td>$5,169,471.96</td>
<td>$69,213.96</td>
</tr>
</tbody>
</table>

This project involved a substantial amount of remodeling in an existing building, numerous minor adjustments had to be made in the construction contracts. The largest single item included design changes in the heating, ventilating, and air conditioning system to insure positive ventilation of larger laboratories under operating conditions which were not earlier anticipated.

Funds have been provided from Budget Account 801222 (PHS Dentistry Building Addition).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

V. **PLANS AND SPECIFICATIONS**

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

**A. Goss Laboratory—Partial Remodeling—Phase II**

(Freight Elevator Modifications)

The elevator in Goss Laboratory was designed and inspected as a freight elevator with heavy manually operated bi-parting doors. This installation was satisfactory for minimum use. With requirements of the remodeled building space, the addition of power operation for the doors will improve the use and safety factors for employees using the elevator.
June 7, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Goss Laboratory--Partial Remodeling - Phase II
   (Freight Elevator Modifications) (continued)

   Funds are budgeted in Budget Account 801293 (Goss Laboratory Remodeling).

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

*   *

VI. REPORT OF AWARD OF CONTRACTS

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

A. Sisson Hall, Electrical Renovation and Air Conditioning

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating, Ventilating, and Air Conditioning Contract</td>
<td>$118,264.00</td>
<td>$180,338.00</td>
</tr>
<tr>
<td>(7 bids received 5-3-73) Limbach Company (Columbus)</td>
<td>$118,264.00</td>
<td>$180,338.00</td>
</tr>
<tr>
<td>Electrical Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8 bids received 5-3-73) Miller-Davis Electric (Columbus)</td>
<td>80,614.50</td>
<td>138,809.00</td>
</tr>
<tr>
<td>Total All Contracts</td>
<td>$198,878.50</td>
<td>$319,147.00</td>
</tr>
</tbody>
</table>

Funds for this project have been provided from S.B. 457 (Utilities and Renovations), and Budget Account 801291 (Sisson - Electrical Renovation and Air Conditioning).

B. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

<table>
<thead>
<tr>
<th></th>
<th>Low Bid</th>
<th>Est. of Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4 bids received 5-15-73) Floyd Baker Corporation (Columbus)</td>
<td>$40,489.00</td>
<td>$60,072.00</td>
</tr>
</tbody>
</table>
June 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

C. Football Radio Network

Bids were solicited for the purchase of a three-year contract (1973 through 1975) to establish a football radio network in accordance with the procedures established by the Ohio Department of Public Works. After analyzing each of the bids received, with the concurrence of legal counsel and the Director of Purchasing, President Enarson recommended that a three-year contract in the amount of $230,400 be entered into between this University and WTVN Radio, Columbus, Ohio.

Mr. Shocknessy made the following comment:

I noticed from the Director's letter that he said these bids were 'responding to our specifications.' I don't remember ever seeing the specifications before this Board, an account of how they were offered, or a record of who prepared them. I realize that legal counsel did the contract but I am interested in where the advice on the validity of this method came from. I agree that it is always nice to make money and there is money to be made here but I haven't seen a contract, I haven't seen the specifications and I don't know what obligations the University might have with respect to this contract. I'm not challenging anybody's competence but this is the first time this issue has ever been, as far as I know, before this Board.

Dr. Moulton, in response to Mr. Shocknessy's comments, indicated that the specifications were developed by Director Weaver, Department of Athletics; the Purchasing Department and with the advice of legal counsel. Further, the procedure that was followed was in full compliance with the bidding procedures established by the Department of Public Works' regulations.

D. Covering of Seats in A and C Decks of Ohio Stadium

Requests for bids to cover seats in A and C Decks of Ohio Stadium were solicited in accordance with the procedures established by the Ohio Department of Public Works. Three of the bids received proposed the use of an aluminum material and one a fiberglass composition, the latter being the apparent low bidder.
June 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Covering of Seats in A and C Decks of Ohio Stadium

After an analysis of the bids, President Enarson recommended that this contract be awarded to Miracle Recreation Equipment Company, Grinnell, Iowa, at a cost of $109,240.00.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the awarding of the contracts in accordance with the recommendation by seven affirmative votes and Mr. Shocknessy and Dr. Sirak abstaining.

VII. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

21 Approves the release of $25,000 from H.B. 988, item 315-074 (Utilities and Renovation), for planning on the two projects known as "Traffic Improvements - North" and "Traffic Improvements - South."

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Newark Campus--Expansion of Parking Facilities, Employment of Engineers

President Enarson recommended that the engineering firm of Jobes Henderson Associates, Newark, Ohio, be employed to provide detailed plans and specifications, engineering services and consultation during construction and final acceptance on completion of construction.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works. Preliminary estimate for construction, $200,000.

Funds for this engineering service have been provided from the Newark Reserve Account, Budget Account 149989.

B. Newark Campus--Phase II, Employment of Architects

President Enarson recommended that the architectural firm of Joseph Baker and Associates, Newark, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction.
B. Newark Campus--Phase II, Employment of Architects

Fee to be negotiated based upon the Architects Society of Ohio of the American Institute of Architects recommended minimum cost of service, as modified by the Department of Public Works letter dated September 23, 1969. Estimated construction cost, $1,600,000.

Funds for this architectural service have been provided from H.B. 988, Item 315-085.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above recommendations were approved with eight affirmative votes and Mrs. James abstaining.

IX. REPORTS

A. Report from the Retirement and Insurance Committee

1. Benefit Improvements in Major Medical Insurance Plan for University Employees

As Chairman of the Retirement and Insurance Committee, Mr. Gushman presented the following resolution on behalf of the Committee for adoption by the Board of Trustees:

BE IT RESOLVED, that the major medical insurance plan for faculty, staff, and regular classified employees be amended, effective July 1, 1973, to include the following changes:

(a) The major medical maximum benefit is to be increased from $25,000 to $50,000 per insured person, and the 10% automatic annual restoration provision is to apply to the new $50,000 major medical maximum.

(b) The major medical coinsurance factor is to be increased from 80% to 100% of covered expenses for the balance of a 'period of disability' after an insured person incurs $1,000 of out-of-pocket expenses under the $100 deductible and 20% coinsurance factor ($1,500 out-of-pocket expense requirement for persons without Blue Cross coverage who have $500 deductible).
IX. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

1. Benefit Improvements in Major Medical Insurance Plan for University Employees (continued)

(c) The above major medical improvements are (i) to be effective July 1, 1973, for insured employees and eligible dependents subject to enforcement of the actively-at-work requirement for employees and the nonconfinement provision for dependents; (ii) not to apply to covered expenses incurred for or as the result of mental and nervous disorders; and (iii) to increase the composite major medical premium rate by $.12 per month from $3.79 to $3.91 per employee.

FURTHER BE IT RESOLVED that the costs associated with providing this additional coverage be funded from available insurance reserve funds.

Upon motion of Mr. Gushman, seconded by Mrs. James, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated June 7, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Friday, July 6, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Don M. Hilliker
Chairman
APPENDIX VIII

Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty

Approved by University Senate
May 8, 1973

Adopted by Board of Trustees
June 7, 1973
(See page 467)
Page 500 Blank
Revision of Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty

On May 8, 1973, the University Senate approved changes in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty. The text of each Rule as modified is as follows:

35.01. Course Examinations.

At the close of each course as defined in Rule 31.01, an examination will be given on the student's capabilities relative to the stated course objectives, the method of examining to be determined by the instructor or supervisor of the course. Examinations in laboratory and seminar courses shall be optional with the instructor concerned.

35.03. Examination Schedules.

Section 1. All examinations shall be centrally scheduled by the Office of Scheduling, except examinations for those classes in which the enrollment is exclusively of students registered in the Colleges of Dentistry, Law, Medicine, Optometry, Pharmacy, or Veterinary Medicine. Examination schedules for these classes will be prepared by the administrative offices of the colleges. All examination schedules prepared outside the Office of Scheduling shall, before publication, be cleared with the Office of Scheduling which shall have the power to resolve all conflicts.

In performing its scheduling function the Office of Scheduling shall limit individual examinations to two-hour duration and the total examination period to no more than five days.

Section 2. The official examination schedules shall be strictly adhered to by all instructors. Any deviation from the official schedules must be approved by the department chairman in consultation with the Office of Scheduling.

35.07. Marks.

The official marks of the University are as follows: A, B, C, D, E, EM, I, K, P, PA/NP, R, S/U, W. These marks shall have the following meaning:

A — The instructor judged the student to have satisfied the stated objectives of the course in an excellent manner. The student's performance was judged to be of this high quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.

B — The instructor judged the student to have satisfied the stated objectives of the course in an above average manner. The student's performance was judged to be of above average quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.
35.07. Marks. (continued)

C -- The instructor judged the student to have satisfied the stated objectives of the course in an average manner. The student's performance was judged to be of average quality based upon a comparison with other students in the course, and/or students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.

D -- The instructor judged the student to have satisfied the stated objectives of the course in the lowest acceptable manner. The student's performance was judged to be of below average but acceptable quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.

E -- The instructor judged the student not to have satisfied the stated objectives of the course. Credit for a course in which the mark E has been received can be obtained only by repeating and passing the course in class. (See Rules 35.11 and 37.09.)

EM -- Examination.

Section 1. This mark indicates credit given to students registered in the University on the basis of examinations taken prior to or after admission to the University. The level of achievement which must be demonstrated by the student on these examinations in order to receive EM credit shall be determined by the Department or School in which the course is offered for credit, in accord with the criteria for the award of letter grades. This credit, up to a maximum of 45 credit hours, shall be assigned only upon the authorization of the Chairman of the Department or the Director of the School and with the approval of the authorized representative of the Dean or Director of the student's enrollment unit. Additional examination credit hours may be assigned specific curricular programs with the prior approval of the Council on Academic Affairs.

Section 2. Examination credit shall not be given to a student for a course in which he has received a mark at this University. No credit points are allowed for courses in which a mark of EM is given.

I -- Incomplete.

Section 1. An I indicates that the student has completed a major portion of the work in the course in a satisfactory manner, but for reasons judged by the instructor to be legitimate, a portion of the course requirements remains to be completed.
35.07. Marks. (continued)

Section 2. The mark I shall be reported to the Registrar together with the mark which the Registrar is authorized to enter on the student's official record unless a different mark is reported to the Registrar in the manner and within the time described below.

Section 3. The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter following the quarter in which the I was received. For legitimate reason, the instructor may establish a deadline for the completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the Dean or Director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the Chairman of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter following the quarter in which the I was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the Registrar.

Section 4. As soon as the incomplete work has been made up, the instructor, or in the case of his absence from the University, the Department Chairman or the Director of the School, shall file the proper mark in the Registrar's Office. Until such time as a final mark is recorded the credit for the mark I shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Section 5. In no case shall a student who has received the mark I be permitted to repeat the course in which such mark was received until such time as the I has been removed and then only in such cases as fall within Rule 37.09.

K -- Credit.
This mark shall be used for work credited from other institutions by the Director of Admissions only. K credit shall be counted as hours only and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

P -- Progress.
Section 1. This mark is used to indicate that the student has shown satisfactory progress in a series or sequence of courses where the mark is not recorded until the final quarter of the series or sequence is completed. Until such time as a final mark is recorded, the mark of P shall be given and the credit shall be
35.07. Marks. (continued)

counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05. When a final mark is submitted by the instructor, all previous P marks shall assume and be recorded with the value of the final mark.

Section 2. P mark is not to be used for any course approved for the S/U mark.

PA/NP—Pass/Non-Pass. This mark may be used at the option of the student.

Section 1. This grading pattern may be chosen by the undergraduates or Continuing Education students for a maximum of 30 credit hours.

Section 2. Among these 30 credit hours, an undergraduate student may elect Pass/Non-Pass grading for any or all University required courses. (See Rule 31.07.)

An undergraduate student who has accumulated a point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.

A student registered in the Division of Continuing Education who has an accumulated point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass for a maximum of 30 credit hours.

Section 3. Hours graded Pass (PA) count toward the degree. Pass/Non-Pass marks (PA/NP) are not computed in the point-hour average of the student.

Section 4. Before noon of the sixth Saturday of a quarter or the third Saturday of a term, a student must have declared his intention to take a course on the Pass/Non-Pass basis by filing the appropriate forms with the Dean or Director of his enrollment unit (students in Physical Education and Military Science file the forms in those departmental offices). A student may not change to or from the Pass/Non-Pass Option after noon of the sixth Saturday of a quarter or the third Saturday of a term.

Section 5. The instructor will submit PA or NP marks to the Registrar for those students selecting the grading pattern.

Section 6. The grade Pass (PA) is the equivalent of the grades ABCD, and the grade Non-Pass (NP) is the equivalent of the grade E.
R -- Registered to Audit. This mark indicates that the student has registered to audit the course. No credit hours shall be awarded for this mark. (See Rule 37.11.)

S/U -- Satisfactory/Unsatisfactory.

Section 1. The mark S may be used to record either satisfactory progress in or completion of work, provided that the course has been approved for this mark by the Dean of the College offering the course, and in the case of courses carrying graduate credit, by the Dean of the Graduate School. It shall be used as an alternative to U or I in all individual studies courses whatever their number. S credit shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Section 2. The mark U shall be used for unsatisfactory work in courses in which a student would be entitled to the mark of S if his work had been satisfactory. No credit shall be given for work marked U. This mark shall not be considered in determining a student's point-hour ratio under Rule 37.05.

W -- Withdrew. This mark is used for students wishing to withdraw from one or more but not all courses in a quarter.

Section 1. An undergraduate who desires to withdraw from any course must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit.

Section 2. Until noon of the fourth Saturday of a quarter (third Saturday of a term) an undergraduate student may withdraw from one or more courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 3. After noon of the fourth Saturday of a quarter and until noon of the seventh Saturday of a quarter, if an undergraduate student withdraws from one or more but not all courses which began in the same quarter, the Registrar is authorized to enter the mark W on the student's official permanent record.

Section 4. After noon of the seventh Saturday of a quarter, (third Saturday of a term) an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment
35.07. Marks. (continued)

unit. Upon approval of the petition, the Registrar, as directed by the instructor in the course, is authorized to enter the grade W or E on the student's official permanent record.

Section 5. The Graduate School and graduate professional colleges shall formulate appropriate rules to govern withdrawal from courses in their respective curricula, subject to the approval of the Council on Academic Affairs, and publish these rules in their respective bulletins.

Section 6. For procedures for withdrawal from the University, see Rule 47.01.

Section 7. For provision regarding return of fees, see Rule 43.09.

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Upon completion of the course requirements marks for every student shall be reported to the Office of the Registrar in accord with deadlines listed in the Quarterly Master Schedule of Classes.

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35.11. Alteration of Marks.

Section 1. A mark filed in the Office of the Registrar is a part of the official records of the University. It is not subject to change except upon written authorization of the instructor of the course, the appropriate Department Chairman or Director of the School and the Dean of the instructor's college and of the authorized representative of the Dean or Director of the student's enrollment unit. Such change shall be made only when a clerical error has been discovered.

Section 2. An undergraduate student who has received a grade of D or E in a course or courses taken during his freshman year (the period during which the student accumulates the first 48 credit hours on his official permanent record) may repeat or substitute up to 15 credit hours of such courses subject to the following regulations:

a. The course serving as a repetition or substitute for a course in which a grade of D or E was received must be recommended by the student's advisor and have the approval of the authorized representative of the Dean or Director of the student's enrollment unit, before noon of the third Saturday of the quarter in which the substitute course is taken.
Revision of Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

35.11. Alteration of Marks. (continued)

b. The mark or grade received in the repeated or substitute course shall be entered on the student's permanent record and count toward his accumulative point-hour average and credit hours toward graduation. The original course and mark shall remain on the student's permanent record but will not count on his accumulative point-hour average or credit hours toward graduation.

c. Courses repeated or substituted according to this rule shall be completed no later than the end of the quarter during which the student will have accumulated a total of 98 credit hours.

Section 3. The Graduate School and graduate professional colleges may formulate appropriate modifications of Section 2 of this rule, subject to the approval of the Council on Academic Affairs, and publish the rule in their bulletins.

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37.07. Failure in a Required Course.

Except for an undergraduate student who has received a mark of E for courses taken during his first or freshman year (see Rule 35.11, Section 2), an undergraduate or professional student who has not been dismissed from the University must repeat in class, at his first opportunity, a required course which he has failed, unless a substitute course is approved by the authorized representative of the Dean or Director of his enrollment unit upon the recommendation of the Chairman of the Department or of the Director of the School involved. A graduate student who has not been dismissed from the University must repeat in class a required course which he has failed only if required to do so by his adviser.

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37.09. Repetition of Courses.

Section 1. An undergraduate student who has received a mark of D or E for courses taken during his first or freshman year at this University may repeat the course as provided in Rule 35.11, Section 2. Otherwise a student who has received a mark of D or Non-Pass in any other course at this University may repeat the course for credit at his option.

Section 2. An undergraduate student (other than a freshman) or a professional student, as defined in Rule 41.03, who has received a mark of D in a course at this University may repeat the course for credit only upon the recommendation of the authorized representative of the Dean or Director of his enrollment unit. A graduate student, as defined in Rule 41.03, may, when approval is given by his advisor, repeat for credit any course in which he has received a mark of D.
37.09. Repetition of Courses. (continued)

Section 3. An undergraduate or professional student, as defined in Rule 41.03, who has received a mark of A, B, C or Pass in a course taken at this University or elsewhere may repeat the course only as an auditor, upon receipt of permission by the Chairman of the Department and the authorized representative of the Dean or Director of his enrollment unit. A graduate student, as defined in Rule 41.03, may, after a period of five years, and when approval is given by the Graduate Committee of his Department and the Dean of the Graduate School, repeat for credit a course in which he has received a mark of A, B, or C.

Section 4. A student who has audited a course may subsequently repeat the course for credit with the permission of the authorized representative of the Dean or Director of his enrollment unit.

Section 5. The credit hours for a repeated course shall in no case be counted more than once in meeting graduation requirements.

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37.15. Withdrawal from Courses.

Section 1. An undergraduate who desires to withdraw from any course must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit.

Section 2. Until noon of the fourth Saturday of a quarter (third Saturday of a term) an undergraduate student may withdraw from one or more but not all courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 3. After noon of the fourth Saturday of a quarter and until noon of the seventh Saturday of a quarter, if an undergraduate student withdraws from one or more but not all courses which began in the same quarter, the Registrar is authorized to enter the mark W on the student's official permanent record.

Section 4. After noon of the seventh Saturday of a quarter, an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment unit. Upon approval of the petition, the Registrar, as directed by the instructor in the course, is authorized to enter the grade W or E on the student's official permanent record.

Section 5. The Graduate School and graduate professional colleges shall formulate appropriate rules to govern withdrawal from courses in their respective curricula, subject to the approval of the Council on Academic Affairs, and publish these rules in their respective bulletins.

Section 6. For withdrawal from the University see Rule 47.01.

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37.15. Withdrawal from Courses. (continued)

Section 7. For provision regarding return of fees, when applicable, see Rule 43.09.

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47.01. Withdrawal from the University.

Section 1. A student who withdraws from the University, which indicates withdrawal from all courses which began in the same quarter, must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit. (For withdrawal from courses see Faculty Rule 37.15.)

Section 2. An undergraduate student who withdraws from all courses which began in the same quarter shall be considered to have withdrawn from the University, in which case no marks but a dated notation "withdrew" shall be entered on the student's official permanent record.

Section 3. A student who withdraws from the University without communicating with the authorized representative of the Dean or Director of his enrollment unit and without officially withdrawing from all courses which began in the same quarter, will have a mark of E entered on his permanent record for all such courses.

Section 4. For provision regarding return of fees, when applicable, see Faculty Rule 43.09.

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APPENDIX IX

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 8, 1973
The Recipients of Honors

ELIZABETH DUNCAN KOONTZ
Doctor of Humane Letters

A concerned humanitarian and diplomat who exemplifies the humanitarian ideal, Elizabeth Koontz is internationally known for her leadership in raising the level of consciousness regarding the rights of the disadvantaged. The Ohio State University is honored to recognize Elizabeth Duncan Koontz by conferring upon her the degree, Doctor of Humane Letters, honoris causa.

ARTHUR E. MORGAN
Doctor of Humane Letters

A progressive educational leader and noted engineer, Arthur Morgan has made singular contributions to the application of man's knowledge in meeting the challenges of his environment. Dedication and service have been hallmarks of his distinguished career. The Ohio State University acknowledges these achievements by conferring upon Arthur E. Morgan the degree, Doctor of Humane Letters, honoris causa.

GEORGE SINCLAIR
Doctor of Science

A dedicated academician and scientist whose enlightened approach to communications techniques has advanced man's understanding of the world, George Sinclair has distinguished himself as a pioneer in engineering, an innovative educator, and noted researcher. The Ohio State University is honored to confer upon George Sinclair the degree, Doctor of Science, honoris causa.
Doctor of Philosophy

One hundred and eighty-four candidates

John Bradley Anderson, Mansfield
A.B. (Denison University); M.S.W.
Dissertation: Associations between Participation in Community Mental Health Planning and Adherence to Community Mental Health Ideology
Field of Specialization: Social Work

Paul James Andrisani, Columbus
B.S., M.B.A. (University of Delaware)
Dissertation: An Empirical Analysis of the Dual Labor Market Theory
Field of Specialization: Business Administration

Clemens Lester Bartollas, Columbus
B.A. (Davis and Elkins College); B.D. (Princeton Theological Seminary)
Dissertation: Runaways at the Training Institution Central Ohio
Field of Specialization: Sociology

Patricia Ann Bender, El Paso, Tex.
B.A. (University of Texas); M.A.
Dissertation: Vibrotactile Discrimination of Normal, Hearing Impaired, and Visually Impaired Individuals
Field of Specialization: Speech Communication

Glenn Earl Bettis, Charleston, Tenn.
B.S., M.A. (East Tennessee State University)
Dissertation: A Follow-up Study of Ph.D. Graduates From The Ohio State University with a Major in Industrial Technology Education
Field of Specialization: Education

B.A.A.E., M.S.
Dissertation: The Effects of Hypersonic Viscous Interaction on Static/Static Stability of Slender Bodies in Simulated Non-Equilibrium Flows
Field of Specialization: Aeronautical and Astronautical Engineering

James Richard Bode, Cuyahoga Falls
B.A. (College of Wooster)
Dissertation: A Logic for Conditional Statements
Field of Specialization: Philosophy

Jean Haythorne Braden, Bridgeport
B.S.Ed., M.A.
Dissertation: The Eagle and the Crescent: American Interests in the Ottoman Empire, 1861-1870
Field of Specialization: History

Charles Wesley Bridges, Columbus
B.A. (Oakwood College); M.Ed. (University of Nebraska)
Dissertation: The Curriculum Theory Context of Activity Analysis and the Educational Philosophies of Washington and Dubois
Field of Specialization: Education

Loren Hobert Briggs, Newark
B.A. (Denison University); M.Ed. (Ohio University)
Dissertation: A Survey and Analysis of the Extent Merit Considerations are Included in Teacher Compensation Plans in Selected School Districts in Ohio
Field of Specialization: Education

Thomas Richard Brinner, Apalachin, N.Y.
B.S.E.E. (Washington University); M.S. (Syracuse University)
Dissertation: Continuous Synchronous Longitudinal Guidance of Automated Highway Vehicles
Field of Specialization: Electrical Engineering

James Henry Broadbent, Elkhart, Ind.
B.S. (Ball State Teachers College); M.A. (Western Michigan University)
Dissertation: The Relationship between Correctional Education and Training of Inmates and Their Parole Success
Field of Specialization: Education

Alvis Brown, Ironon
B.A., M.A. (Marshall University)
Dissertation: A Comparison of Students Who Have Been Through a Program of Interpersonal Relations and Those Who Have Not
Field of Specialization: Education
David Bruce Buzzard, Wilmington
B.A. (West Liberty State College); M.A.
Dissertation: Humanizing the Secondary English
Field of Specialization: Education

Mary Jo Campbell, Columbus
B.S. (University of New Mexico); M.A. (University of California, Santa Barbara)
Dissertation: The Effects of Traditional and Contingency Management Methods on Performance in Selected Volleyball Skills
Field of Specialization: Physical Education

Donald Grey Chafin, Riner, Va.
B.S. (Virginia Polytechnic Institute); M.S.
Dissertation: Economic Analysis of Futuristic Beef Cattle and Forage Production Systems
Field of Specialization: Agricultural Economics and Rural Sociology

Amiya Kumar Chakrabarti, West Bengal, India
B.E. (University of Calcutta); M.S. (Asian Institute of Technology)
Dissertation: Mathematical Models of Traffic Flow Based on the Energy Concept
Field of Specialization: Civil Engineering

Ben-Chen Chi, Dayton
B.Sc. (Taiwan Provincial Cheng Kang University); M.S. (University of Missouri)
Dissertation: Pattern Recognition of Spoken Words Based on Haar Functions
Field of Specialization: Electrical Engineering

Wunchung Chiou, St. Paul, Minn.
B.S. (National Taiwan University); M.A. (Bowling Green State University)
Dissertation: Toward a Complete Theory of Spatial Organization of the Human Visual System at Impulse Detection Threshold
Field of Specialization: Biophysics

Bernard Fred Cleveland, Hilliard
B.S.Ed., M.S.Ed. (State University of New York, Oneonta)
Dissertation: Measuring the Impact of Gordon's Teacher Effectiveness Training on Teachers' of Social Studies
Field of Specialization: Education

Cary Corwin Conn, Dunkirk
B.A. (Ohio Northern University); M.A.
Dissertation: John Porter Brown, Father of Turkish-American Relations, an Ohioan at the Sublime Porte, 1832-1872
Field of Specialization: History

James Goodman Connell, Jr., Adel, Ga.
B.S. (United States Naval Academy); M.A. (University of Georgia); M.A.
Field of Specialization: Slavic Languages and Literatures

Darkene Kay Conover, Ames, Ia.
A.B., A.M. (Colorado State College)
Dissertation: Object Preference and Resulting Movement Behaviors of Three to Seven Year Old Custodial and Trainable Retarded Boys
Field of Specialization: Physical Education

Thomas J. Covault, Columbus
B.S., M.A. (Miami University)
Dissertation: The Application of Value Clarification Teaching Strategies with Fifth Grade Students to Investigate Their Influence on Student's Self-Concept and Related Classroom Coping and Interacting Behaviors
Field of Specialization: Education

Roper Ronald Craig, Dayton
B.A. (Rensselaer Polytechnic Institute); M.S.
Field of Specialization: Aeronautical and Astronautical Engineering

Eric Richard Craine, Dayton
B.S. (University of Oklahoma)
Dissertation: A Comparison of Core and Shell Spectra of Eta Carinae and Scattering Mechanisms in the Shell
Field of Specialization: Astronomy

Xavier Creary, Montclair, N.J.
B.S. (Seton Hall University)
Dissertation: Part I Anti-tricyclo [3.1.1.01.5] heptyl and Related Systems
Part II Reductive Cleavage of Succinic Esters Under Acylamin Conditions
Field of Specialization: Chemistry

John William Daughtery, Akron
B.S., M.E. (University of Akron); M.S.M.E. (Northeastern University); M.S.
Dissertation: A Study of the Electrostatic Field and Charge Distribution in a Vortex Seeded with Dust
Field of Specialization: Mechanical Engineering

Richard Jay DeNeale, Washington, D.C.
B.S. in Ph.D. (University of Maryland)
Dissertation: A Study on the Configuration and Hydrolysis of Some Oxazolidines Derived from the Ephedrines
Field of Specialization: Pharmacy

Quey-Ing Feng Deng, Taipei, Taiwan
B.S. (National Taiwan University)
Dissertation: Enzymes of Thymidine and Uridine Phosphorylation in Higher Plants
Field of Specialization: Biochemistry

Anthony Joseph Dennis, Springfield
B.S.
Dissertation: Alteration of Lymphocyte Response Using Membrane Active Compounds
Field of Specialization: Microbiology

Anita Dinesh Dighe, Baroda, India
B.A., M.A. (University of Baroda); M.A.
Dissertation: An Analysis of Associative Meaning in an Intercultural Setting—American and Indian Students in the United States
Field of Specialization: Speech Communication
Barbara Kay Dommert, Baytown, Tex.
B.S. in H.Ed. (Stephen F. Austin State College); M.S.
Dissertation: The Effect of Early Experiences in Teacher Education on Students' Perceptions of the Teaching Role and of the Home Economics Teacher's Role
Field of Specialization: Home Economics

Bruce Alan Drum, Bryan
B.S.
Dissertation: Additivity of the Stiles-Crawford Effect for a Fraunhofer Image
Field of Specialization: Biophysics

Sebastian Albert Dybowski, Jr., Santa Fe, N. M.
B.S. (Saint Michael's College)
Dissertation: Assessment of Meaning for a Membership Role
Field of Specialization: Psychology

Charles Edward Eaker, Columbus
B.A. (Capital University)
Dissertation: A Defense of Monadic Deontic Logic
Field of Specialization: Philosophy

Janet Bets Ebert, Columbus
B.S.Ed., M.A.
Dissertation: Humanities Programs and Courses 1968-1972
Field of Specialization: Music

Karl Albert Egge, Billings, Mont.
B.A. Econ. (Montana State University); M.A.
Dissertation: White-Black Differences in Hours of Work Supplied by Men 45 to 59 Years of Age
Field of Specialization: Economics

James Richard Eifert, Dayton
B.S. in Met.Eng. (University of Notre Dame); M.S.
Dissertation: Gravimetric Analysis of the Austenite/Ferrite Transformation in Iron and Inro-Molybdenum Alloys
Field of Specialization: Metallurgical Engineering

Ahmed Nabil Abdallah El-Refai, Giza, U.A.R.
B.Sc. (Ain Shams University); Higher Diploma (Cairo University); M.S.
Dissertation: Time Dependent Deformation of Cohesive Soils
Field of Specialization: Civil Engineering

Richard John Emerine, II, Columbus
B.S.Bus.Adm., M.A.
Dissertation: Variable Returns to Scale Production Functions and Technological Change
Field of Specialization: Economics

Randall Wayne Engle, Dunbar, W. Va.
B.A. (West Virginia State College); M.A.
Dissertation: The Interaction Between Presentation Rate; Retention Test, and the Negative Recency Effect
Field of Specialization: Psychology

Kenneth Earl Eye, Columbus
B.S. (Fort Hays Kansas State College); B.S.Ed.; M.Ed. (Xavier University)
Dissertation: Indications of White Racism
Field of Specialization: Education

Jesse Robert Fairbanks, Columbus
B.S.Ed., M.A.
Dissertation: The Relationship of Selected Secondary School and Non-School Variates to Post-School Employability
Field of Specialization: Education

Phyllis Clay Falk, Dallas, Tex.
A.B. (Wheaton College); M.A. (Texas Woman's University)
Dissertation: Variation in Characteristics of Participants in an Informal and a Conventional Teacher Training Program
Field of Specialization: Education

John Joseph Fenstermaker, Glenview, Ill.
B.A., M.A.
Dissertation: Dickens Criticism 1940-1970: An Analytical Subject Index
Field of Specialization: English

Gary Lee Flinn, Houston
B.S.Agr., M.S.
Dissertation: The Effect of Time, Temperature and Level of Ascorbic Acid Fortification on the Color of Tomato Juice
Field of Specialization: Horticulture

Ronald Lee Foreman, Castalia
B.S. Agr.; M.Ed. (Kent State University)
Dissertation: Relationship of an Early Placement Program to the Successful Transition from School to Full-Time Employment
Field of Specialization: Agricultural Education

Joel Bernard Friedman, Columbus
B.S.Ed., M.A.
Dissertation: Evaluation of Processes for Improvement of Instructional Supervision
Field of Specialization: Education

James Delbert Fullen, Newark
B.A., M.A.
Dissertation: Perceptions of the Language Arts Education in the Ohio Two-Year Technical College Programs
Field of Specialization: Education

B.S.Ed. (Bowling Green State University); A.M. (Indiana University)
Dissertation: Language Interference and Socioeconomic Status as Factors in the Acquisition of Standard Oral English of Mexican American and Anglo Migrant Children
Field of Specialization: Education

Adam Kepple Gehr, State College, Pa.
B.A., M.A. (Miami University)
Dissertation: Some Tests of Simple Income Determination Models
Field of Specialization: Economics

David Hausmann Gelperin, New York, N. Y.
B.A. (Carleton College); M.S.
Dissertation: Clause Deletion in Resolution Theorem Proving
Field of Specialization: Computer and Information Science
Paul Thomas Giblin, Huntington, N. Y.
B.A. (Johns Hopkins University); M.A.
Dissertation: The Development of Recursive Thinking and
Altruism in Boys Grades One, Three and Five
Field of Specialization: Psychology

William Warren Gibert, Chicago, Ill.
B.A. (DePaul University); M.A.
Dissertation: Ethical Risk as a Behavioral Predictor in
a Prison Population
Field of Specialization: Psychology

Donald Allen Goer, Brooklyn, N. Y.
B.S. (Brooklyn College); M.S.
Dissertation: A Neutron Diffraction Study of
Antiferromagnetic Cobaltous Oxide with Nuclear
Polarization from the HFS Interaction, in the Region
0.3-4.2K
Field of Specialization: Physics

Matthew John Golis, Columbus
B.E.E., M.S.
Dissertation: Reference Phase Modulation Effects in
Optical Holography
Field of Specialization: Electrical Engineering

William John Gors, Euclid
B.S.Ed., M.A.
Dissertation: Deviance in a Small Town: A Study of
Progress and Anomie
Field of Specialization: Education

William Brent Green, Abilene, Tex.
B.F.A. (University of Texas); M.F.A. (University of
Oklahoma)
Dissertation: Some Curriculum Consequences of Two
Theories of Aesthetic Criticism
Field of Specialization: Art Education

Jorge Arciniega Guzman, Mexico, F. D., Mexico
Ing.Quim. (National University of Mexico); M.S.
Dissertation: Vapor-Liquid Equilibrium Relations in
Non-Ideal Systems. The Binary Systems:
Hexamethyl disiloxane-Toluene Hexamethyl disiloxane—
Ethyl Alcohol and Ethyl Alcohol-Toluene at 40, 50, 60 and
70°C
Field of Specialization: Chemical Engineering

Sydney Owen Hall, Springfield, Mass.
B.S., M.S. (Springfield College of Massachusetts)
Dissertation: The Role of Physical Education in the
Nation-Building Process in Kenya
Field of Specialization: Physical Education

Hayward Orlan Handy, Huntsville, Ala.
B.S. (Alabama State College); M.A. (Florida State College); Ed.S. (George Peabody College for Teachers)
Dissertation: The Influence of Student Feedback on Achievement During Varied Contexts of Lecturing
Session
Field of Specialization: Education

Bonnie Motter Harmony, Columbus
B.S.Ed., M.Ed. (Bowling Green State University)
Dissertation: The Effect of a Concentrated Physical
Education Program on Children Classified as Trainable
Mentally Retarded
Field of Specialization: Education

Trudier Harris, Tuscaloosa, Ala.
A.B. (Stillman College); M.A.
Dissertation: The Tie That Binds: A Study of the Use of
Folklore in the Fiction of Charles Waddell Chesnutt,
Jean Toomer and Ralph Ellison
Field of Specialization: English

Thomas Charles Hartrum, Cambridge
B.E.E., M.S.
Dissertation: Computer Implementation of a Parametric
Model for Biped Locomotion Kinematics
Field of Specialization: Electrical Engineering

Robert Ralph Haynes, Columbus
B.S. (Louisiana Polytechnic Institute); M.S. (University of
Southwestern Louisiana)
Dissertation: A Revision of North American Potamogeton
Subsection Pusii (Potamogetonaceae)
Field of Specialization: Botany

Francis Eugene Hazard, Canton
B.S.Ed., M.Ed. (Kent State University)
Dissertation: Public Expectations of a University
Branch Campus
Field of Specialization: Education

Fred Joseph Hellinger, Norfolk, Va.
B.A. (University of Florida); M.S.
Dissertation: Hospital Production Functions
Field of Specialization: Economics

Eve Griffith Herold, Columbus
A.B. (Oberlin College); M.A.
Dissertation: A Study of the Bildungsroman in
American Literature
Field of Specialization: English

Lynn B. Hetland, Billings, Mont.
B.A. (Eastern Montana College); M.S.
Dissertation: Effects of Ethanol on Glutethimide
Absorption, Distribution and Metabolism in Relationship to
a Mechanism for Toxicity Enhancement
Field of Specialization: Pharmacology

Richard Gordon Hoagland, Columbus
Metal. Eng. (Colorado School of Mines); M.S. in
Materials Sc. (Washington State University)
Dissertation: Atomic Simulation of the \( \frac{3}{2} <110> \{110} \)
Edge Dislocation in the NaCl Lattice
Field of Specialization: Metallurgical Engineering

Vivian Cornelia Hogan, Norfolk, Va.
B.S. (Virginia State College); M.S.
Dissertation: Electron Transport and Manganese
Oxidation in Leptothrix discophora
Field of Specialization: Microbiology

Phillip Kent Holdaway, Provo, Utah
B.S., M.S. (Brigham Young University)
Dissertation: A Study of Bias in Holstein-Friesian Sire
Proven Due to Selection of Mates in Ohio Dairy Herds
Field of Specialization: Dairy Science

B.S. (Michigan State University); M.Ed. (Pennsylvania
State University)
Dissertation: The Effect of a Student Manual on the
Attitudes of High School Students Toward Environmental
Protection
Field of Specialization: Agricultural Education

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Emre John Keil, Lombard, Ill.
B.S., M.S. (Arizona State University)
Dissertation: A Re-Evaluation of Pectis L. Subgenus Pectidopsis (DC.) Fernald (Compositae: Pectidinae)
Field of Specialization: Botany

Wayne Gilbert Korns, Wapville
B.S.Ed., M.A.
Dissertation: A Study of Present and Ideal Counselor Roles in Ohio's Public-Assisted Technical Colleges
Field of Specialization: Education

John Clayton Klippert, Alliance
A.B. (Western Reserve University); M.S.
Dissertation: Necessary and Sufficient Conditions for the Uniform Convergence of Interpolating Polynomials to Functions in C^2 (w)
Field of Specialization: Mathematics

Stanley Michael Kravitz, Columbus
B.S.Ed., M.A.
Dissertation: Graduate Training of School Psychologists: Meeting the Needs of Teachers and Principals
Field of Specialization: Psychology

Henry Gary Kuhlmann, Columbus
B.S.Bus.Adm., M.B.A.
Dissertation: A Study of the Attitudes Toward Women in Business
Field of Specialization: Business Administration

Zeno Michael Kuk, Athens
M.A. (University of Chicago)
Dissertation: Tolstoy's War and Peace and Zeromskis Ashes: A Comparative Study
Field of Specialization: Slavic Languages and Literatures

Earl Wade Lehman, Bluffton
B.S.M. (Bluffton College); M.A.
Dissertation: A Study of the Effectiveness of the Music Curricula of the Liberal Arts Colleges Affiliated with The Mennonite Church
Field of Specialization: Music

Robert Dwaine Leighty, Hanover, N. H.
B.S. (Virginia Military Institute); M.S.C.E. (Purdue University)
Dissertation: A Logical Approach Towards Terrain Pattern Recognition for Engineering Purposes
Field of Specialization: Civil Engineering

John J. Light, Logan
B.S.Ed., M.A. (Kent State University)
Dissertation: The Development of Technical Institutes in Ohio
Field of Specialization: Education

Virginia Hlubbrett Lucas, Kettering
B.S.Ed. (Wittenberg University); M.Ed. (Miami University)
Dissertation: Development of an Informal Reading Assessment Inventory for Teachers Trained in Directive Teaching
Field of Specialization: Education

Hugh Maier, Columbus
B.Sc. (Glasgow University, Scotland); M.S.
Dissertation: The Effects of Electric, Magnetic and Acoustic Fields, on the Optical and NMR Properties of the Nematic Liquid Crystal P-Methoxybenzyldione P-N-Butylathyline
Field of Specialization: Physics
Stanley Tien Marcus, Columbus
A.B.Ed. (University of Michigan); M.A.
Dissertation: The Effect of Varying Incentive and Degree of Learner Control in Providing Computerized Help with Essential Mathematics Required in Chemistry (CHEMRIC)
Field of Specialization: Education (Science)

Edward William Matthews, Marion
B.S. Ed., M.A.
Dissertation: A Study of Critical Requirements for School Psychologists
Field of Specialization: Education

Gerald Edwin Matyk, Parma
B.A. (John Carroll University); M.S.
Dissertation: An Experimental Investigation of Boundary Interference at Subsonic Speeds in a Two-Dimensional Perforated-Wall Wind Tunnel
Field of Specialization: Aeronautical and Astronautical Engineering

Penelope Lee Maza, Toledo
B.A., M.A.
Dissertation: The Effect of the Counter-Culture on Working-Class Mobility: A Test of the “Bluing” of America
Field of Specialization: Sociology

Donald Eugene McCormack, Worthington
B.S., M.S. (University of Illinois)
Dissertation: Properties of Canfield and Geeburg Soils, and Their Engineering Behavior
Field of Specialization: Agronomy

William George McGuire, Greenfield, Wis.
B.S. (Marquette University)
Dissertation: Sulfur Storage in Neurospora crassa: Regulation of Choline-O-sulfate Metabolism in Several Developmental Stages
Field of Specialization: Biochemistry

Claude Truman McIntosh, Arlington, Tex.
B.A., M.A. (Texas Christian University)
Dissertation: French Diplomacy During the War of Devolution, 1607-08, the Triple Alliance, 1668, and the Treaty of Ais-la-Chapelle, 1668
Field of Specialization: History

Helen Garrison McLaughlin, Morgantown, W. Va.
B.A. (Swarthmore College); M.A.
Dissertation: The Effect of Videotape Modeling, Oral Information and Written Information, on the Future Time Perspective and Counseling-Seeking Behavior of Women College Students
Field of Specialization: Psychology

Alexandra Claudia Melnyk, Columbus
B.A., M.S. (Western Reserve University)
Dissertation: Macrocyclic Chelate Iron Complex as an Effective Model of Catalase
Field of Specialization: Chemistry

Robert Bruce Miller, St. Paris
B.S.Phys.; M.S.
Dissertation: Conversion Electron Line Shape Analysis and Applications to Mössbauer Spectroscopy
Field of Specialization: Nuclear Engineering

Thomas Ludwig Minnick, Parma
B.A., M.A.
Dissertation: On Blake and Milton: An Essay in Literary Relationship
Field of Specialization: English

Mary Irene Moffitt, Reynoldsburg
B.A. (Chatham College); M.A. (University of Wisconsin)
Dissertation: A Critical Overview of Approaches to Teaching: A New Teacher for a New Time?
Field of Specialization: Education

Barbara Mose, Ithaca, N. Y.
B.S. (Skidmore College); M.A. (Cornell University)
Dissertation: Identity Status in College Women in Relation to Perceived Parent-Child Relationships
Field of Specialization: Psychology

Martha Crawford Munere, Camden, S. C.
B.S. (Farman University); M.S. (Cornell University)
Dissertation: Work Adjustment of Vocational Education Teachers
Field of Specialization: Education

Sushil Gajendrasingh Murshi, Ahmedabad, India
B.E. (Gujarat University); M.S. in E.E. (University of Kentucky)
Dissertation: Blocking Probability in Non-Symmetric Multistage Networks
Field of Specialization: Electrical Engineering

Jeanette Riker Napier, Toledo
B.S. (University of Toledo); M.S.
Dissertation: Nickel (II) Complexes of a Phosphorus-Nitrogen Macrocyclic Ligand; Palladium and Nickel (II) Complexes of Polydentate Ligands Containing Phosphorus and Sulfur
Field of Specialization: Chemistry

Gerald Ira Nehman, Columbus
B.S. (Rutgers University); M.S. (University of Rhode Island)
Dissertation: Small Farmer Credit Use in a Depressed Community of Sao Paulo, Brazil
Field of Specialization: Agricultural Economics and Rural Sociology

Lawrence Howard Newcomb, Blacksburg, Va.
B.S., M.Ed. (Virginia Polytechnic Institute)
Dissertation: The Effect of Contract Grading on Student Performance
Field of Specialization: Agricultural Education

Gilbert William Nichols, Mount Pleasant, Ia.
A.B. (Drury College); M.A. (University of Kansas City)
Dissertation: A Graphic and Phonemic Analysis of Primer Level Words
Field of Specialization: Education

Larry Wesley Noggle, Greenville
B.M.E. (General Motors Institute); M.S.
Dissertation: Dynamic Response Studies Utilizing Inherent Noise and Analytical Transfer Functions for the Experimental Breeder Reactor-II
Field of Specialization: Nuclear Engineering
Barbara D. Norris, Fort Mitchell, Ky.
A.B. (Asbury College); M.A. (George Peabody College for Teachers)
Dissertation: An Assessment of the Secondary Schools Related to the United Methodist Church in the Democratic Republic of the Congo
Field of Specialization: Education

Eugene Irving Odell, Grand Haven, Mich.
B.S.E. (University of Michigan); M.S.
Dissertation: Numerical Solution of a Deep Drawing Problem
Field of Specialization: Engineering Mechanics

Victor Noboru Okada, New York, N. Y.
B.S. (Asbury College); M.A. (New York University)
Field of Specialization: English

Thomas Joseph Palardy, Springfield
B.S.Ed., M.A.
Dissertation: The Impact of an Intense Program of Spatial and Temporal Concepts on the Measured Intelligence of Preschool Children
Field of Specialization: Education

Phyllis Marynick Palmer, Columbus
A.B. (Oberlin College); M.A.
Dissertation: Case Study of a Reformer: Frances Wright O'Arusmont
Field of Specialization: History

Ivy Arvatti Pedroso, Piracicaba, Brazil
B.S. (Escola Superior de Agricultura “Luiz de Queiroz”); M.S. (Cornell University)
Dissertation: Resource Accumulation and Economics of Scale in Agriculture—The Case of Sao Paulo, Brazil
Field of Specialization: Agricultural Economics and Rural Sociology

Karl Pemper, Madison, Wis.
B.S., M.S.W. (University of Illinois)
Dissertation: Cognitive Control Among Alcoholics and Nonalcoholics
Field of Specialization: Psychology

Vincent Pastor Peries, Negombo, Ceylon
B.A. (University of Ceylon); M.A.
Dissertation: Sub-maximal Cardiovascular Endurance of Trainable Mentally Retarded Boys
Field of Specialization: Physical Education

B.S. (M.E.) (University of Notre Dame); M.S.
Dissertation: Reaction Diffusion in the Silver-Zinc System
Field of Specialization: Metallurgical Engineering

Jaime Ramirez-Barbot, Mayaguez, Puerto Rico
B.A. (University of Puerto Rico); M.A. (University of Iowa)
Field of Specialization: History

Hee Min Rhee, Choongnam, Korea
B.S.Ph. (Chungang University); M.S.
Dissertation: Subcellular Distribution of Ouabain and Changes in the NaK ATPase Activity in Relation to the Pharmacological Effects of Ouabain in Dog: Effect of DPH and Kcl Infusion
Field of Specialization: Pharmacology

Larry Lynn Rhoades, Westerville
B.M., M.M. (College Conservatory of Music of Cincinnati)
Dissertation: Theme and Variation in Twentieth-Century Organ Literature: Analyses of Variations by Alain, Barber, Distler, Dupre, Durufle and Sowerby
Field of Specialization: Music

Albert George Richards, Trinidad, West Indies
B.A. (Xavier University); M.A.
Dissertation: The Aeneid and the Quijote: Artistic Parody and Ideological Affinity
Field of Specialization: Romance Languages

Thomas Edward Rinkevich, Grand Rapids, Mich.
B.A. (Xavier University); M.A.
Dissertation: Comic Structure in Theocritus 1-7
Field of Specialization: Classics

Timothy Michael Riordan, Cincinnati
B.A. (Loyola University); M.Ed. (Xavier University)
Field of Specialization: Education

Donald Joseph Roberts, Columbus
B.A., M.A. (Marshall University)
Dissertation: Developing an Interaction Matrix (Internat.) for School-Community Relations
Field of Specialization: Education

Clarence Edward Roeske, Tigerton, Wis.
B.S. (Saint Norbert College); M.A.
Dissertation: The Land-Grant Philosophy: Historical Implications in Its Changing Definition Through the American Experience
Field of Specialization: Education

Robert Frederick Rubeck, Columbus
B.A., M.A. (State University of New York at Buffalo)
Dissertation: A Critical Analysis of Instructional Simulation
Field of Specialization: Education

Colleen Anne Ryan, Columbus
B.S.Ed., M.S. (University of Kansas)
Dissertation: An Examination of Two Internal-External Locus of Control Dimensions and Stated Reinforcement Preference in Urban Junior College Students by Sex and Ethnic Identity
Field of Specialization: Psychology

Mary Ellen Meikle Kindell, St. John, Middletown
B.A. (College of Wooster); A.M. (Indiana University)
Dissertation: Shell Growth and Variation in the Aequipecten illegitimus (Lamarek, 1819) Complex (Mollusca: Bivalvia: Unionidae)
Field of Specialization: Zoology
<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>Dissertation Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ronald P. Schlegel</td>
<td>Physical Education (Health Education)</td>
<td>Multidimensional Measurement and Structure of Attitudes Toward Smoking Marijuana with Prediction of Marijuana Use</td>
</tr>
<tr>
<td>Jane Harriet Schawar</td>
<td>History</td>
<td>Interventionist Propaganda and Pressure Groups in the United States, 1937-1941</td>
</tr>
<tr>
<td>Jerrold Joseph Schwartz</td>
<td>History</td>
<td>Leopold Maxse and the British Unionist Party: 1906-1914</td>
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<tr>
<td>James Aldine Shance</td>
<td>History</td>
<td>Administrative Organizational Structures and Community College Comprehensiveness</td>
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<tr>
<td>Jai Singh Sharma</td>
<td>Agricultural Education</td>
<td>Estimates of Genetic Parameters of Live and Carcase Traits of Lamb</td>
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<tr>
<td>William Ian Siegmurd</td>
<td>Animal Science</td>
<td>A Comparative Study of the Earl Brand Ballard and Its Danish and Icelandic Analogues</td>
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<tr>
<td>Robert Mitchell Simmons</td>
<td>English</td>
<td>An Exploratory Study of Undergraduates' Attitudinal Changes During an Inner-City Teacher Preparation Program</td>
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<tr>
<td>Inder Jit Singh</td>
<td>Education</td>
<td>Study of Personality Characteristics, Free Association Responses and the Communication of Professional Communication Receivers and Senders in the Interview</td>
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<td>Bernard Thomas Smith</td>
<td>Speech Communication</td>
<td>Far-Infrared Absorption of Some Orthoferrites</td>
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<td>Donald Neil Snarr</td>
<td>Sociology</td>
<td>Social Action and Professionalism Among Protestant Clergy</td>
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<tr>
<td>John Thomas Somerville</td>
<td>Physical Education</td>
<td>A Study of Beliefs Held by Former Football Players Concerning Their College Football Experiences</td>
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<tr>
<td>Lee Irving Spade</td>
<td>Romance Languages</td>
<td>Entre le ci et le non Essai sur la structure du theatre de Marivaux</td>
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<tr>
<td>William Ian Siegmurd</td>
<td>Metallurgical Engineering</td>
<td>Diffusion-Induced Stresses and Plastic Definition</td>
</tr>
<tr>
<td>Mac Arthur Stewart</td>
<td>Education</td>
<td>The Impact of Study Abroad Experience on Prospective Teachers</td>
</tr>
<tr>
<td>Anthony Strange</td>
<td>Education</td>
<td>A Study of Teaching Performance of Degree and Non-Degree Teachers in the Manpower Development Training Centers in Ohio</td>
</tr>
<tr>
<td>Paul Charles Stromberg</td>
<td>Education</td>
<td>The Life History and Population Ecology of Canadouius oxycephalus Ward and Magath, 1916</td>
</tr>
<tr>
<td>Mary Ann Sullivan</td>
<td>Zoology</td>
<td>Worlds of Their Own: Space-Consciousness in the Works of Wordsworth, Byron, Shelley, and Keats</td>
</tr>
<tr>
<td>Pushpa Varun Thadani</td>
<td>Pharmacology</td>
<td>Central Noradrenergic Mechanism of Acute and Chronic Ethanol with Observations on the Role of Acetaldehyde</td>
</tr>
</tbody>
</table>
Louis Coleman Thaxton, Mt. Clemens, Mich.
B.S., M.A. (Michigan State University)
Dissertation: Youth with Special Needs in the Columbus Public School System
Field of Specialization: Agricultural Education

Cecil Hayman Tillis, Columbus
B.A., M.A. (University of South Florida)
Dissertation: The Effect of "Interconsantantal Distance" Upon the Recall of Prevocative Consonants and Clusters
Field of Specialization: Speech Communication

Harriet Adams Transue, Columbus
B.A., M.A. (Bryn Mawr College)
Dissertation: The Sensation Years: The Literary Character of England in the 1860's
Field of Specialization: English

Mahmoud Triki, Tunis, Tunisia
B.S.B.A. (Washington University); M.B.A. (American University)
Dissertation: Perception of Role Strain by Outside Salesmen
Field of Specialization: Business Administration

James Joseph Tritschler, Columbus
B.A. (Catholic University of America); M.A.
Dissertation: Three Variations on the History Play: A Burkean Analysis
Field of Specialization: Theatre

Michael Lawrence Ulrey, Mt. Vernon
B.A. (Kenyon College); M.S.
Dissertation: Sequential Coding for Channels with Feedback and a Coding Theorem for a Channel with Several Senders and Receivers
Field of Specialization: Mathematics

Eileen Leitner Valov, Fords, N.J.
A.B. (Rutgers University); M.A.
Dissertation: Defining the Therapeutic Problem: The Effects of Type of Problem Formulation on the Outcome of Six-Session Psychotherapy
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Kulakkatt S. Vijayan, Ernakulam, India
B.S., M.S. (University of Kerala); M.S.
Dissertation: A Nonexistence Theory for Association Schemes and Symmetric Graphs
Field of Specialization: Mathematics

Juunn-Yann Wang, Taipei, Taiwan
B.S. (National Taiwan University); M.S. (Tuskegee Institute)
Dissertation: Catabolism of Selected Amino Acids in Cheddar Cheese Slurries
Field of Specialization: Food Science and Nutrition

Wilbur St. Clair Wayman, Jr., Columbus
B.S. (Bishop College); M.B.A. (Syracuse University)
Dissertation: Comprehensive Logistics System Design: Model for a State Controlled Liquor Distribution System
Field of Specialization: Business Administration

Fredric Max Wild, Jr., Sebring, Fla.
B.A. (Emory University); M.A.
Dissertation: "A Plank in Reason:" Time, Space, and the Perception of the Self in the Modern Novel
Field of Specialization: English

Darnell Williams, Columbus
B.S. (Bishop College); M.A., Cert. TESOL
Dissertation: An Investigation of Gullah Survivals in the Speech and Cultural Patterns of Black Mississippian
Field of Specialization: Education

Hattie Rose Williams, Columbus
B.S. (Indiana Central College); M.Ed. (Ohio University)
Dissertation: Educational Guidance Activities in Selected Secondary Grammar Schools of Western State, Nigeria
Field of Specialization: Education

Leon Erbert Winget, Jr., Chillicothe
B.M.E., M.S.
Dissertation: Transpiration Cooling - An Integral Method Incorporating an Exponential Profile
Field of Specialization: Mechanical Engineering

John James Withey, Grove City
B.S. (Indiana University); M.B.A. (Michigan State University)
Dissertation: The Task Environment and Organization Structure: A Physical Distribution Example
Field of Specialization: Business Administration

Elmer William Yoest, Columbus
B.S.Ed. (Otterbein College); M.A.
Dissertation: Relationships between Cardiovascular Fitness and Selected Body Measurements of Eighth Grade Boys and College Men
Field of Specialization: Physical Education

Chung Yu, Hong Kong
B.E. (McGill University); M.S.
Dissertation: Characteristics of Forward-and-Backward Traveling-Wave Parametric Interactions
Field of Specialization: Electrical Engineering

Gregory John Yurek, Columbus
B.S., M.S. (Pennsylvania State University)
Dissertation: Solid-State Displacement Reactions between Metals and Oxides
Field of Specialization: Metallurgical Engineering

Gary Oakley Zerbe, Denver, Colo.
B.S., M.S.
Dissertation: Comparison of Growth Curves for Subjects Measured at Different Times and Modeled with Polynomials of Different Degree
Field of Specialization: Biostatistics

Gerald William Zimmerman, Indianapolis, Ind.
B.S. (Capital University); M.S.
Dissertation: The Effects of Manganese as an Antagonist of Calcium Permeability in Frog Ventricular Muscle
Field of Specialization: Physiology
Master of Accounting

Four candidates

James LeRoy Geiser, Columbus
B.S.Bus.Adm.
Field of Specialization: Accounting

Michael Feok-Chuen Mak, Kolwoon, Hong Kong
B.A. (University of Oregon)
Field of Specialization: Accounting

Edward Frank Menz, Sandusky
B.Bus.Adm.
Field of Specialization: Accounting

Giles Clement Wooding, St. Lucia, West Indies
R. Commerce (Sir George Williams University, Canada)
Field of Specialization: Accounting

Master of Architecture

Three candidates

Gerry Norman Bird, Columbus
B.Arch. (Miami University)
Field of Specialization: Architecture

Henry D'Antonio, Wharton, N.J.
B.Arch. (Ohio University)
Field of Specialization: Architecture

Arden Arthur Ferrell, Westerville
B.Arch. (Ohio University)
Field of Specialization: Architecture

Master of Arts

Two hundred and ninety-four candidates

Mauricio Almeida Abreu, Rio de Janeiro, Brazil
Licentiate (Federal Universidad de Rio de Janeiro, Brazil)
Field of Specialization: Geography

John Alexander Agnew, Millon, England
B.A. (University of Exeter, England)
Field of Specialization: Geography

James Joseph Abern, Jr., North Olmsted
B.A. (Roanoke College)
Field of Specialization: History

Dorothy Lee Amler, Fairmont, W. Va.
B.A. (Alverno College)
Field of Specialization: English

Mark Eugene Amsler, Wheaton, Md.
B.A. (Johns Hopkins University)
Field of Specialization: English

David Scott Anderson, Falls Church, Va.
B.S. (Duke University)
Field of Specialization: Education

Donald Clark Anderson, Toledo
B.A.
Field of Specialization: Public Administration

Robert J. Armour, Goodwater, Ala.
B.A. (Fisk University)
Field of Specialization: Education

Carol Barlowe Arthur, Lima
B.S.Ed.
Field of Specialization: Education

Amash Barak, Bnei-Brak, Israel
B.A. (Bar-Ilan University, Israel)
Field of Specialization: Education

Israel Leonard Barak, Bnei-Brak, Israel
B.A. (Bar-Ilan University, Israel)
Field of Specialization: Sociology

Michal Barszap, Jerusalem, N. J.
B.A. (Saint Peters College)
Field of Specialization: Slavic Languages

Katharina Baum, Mansfield
B.S.Ed. (Wittenberg University)
Field of Specialization: Education

Barbara Jean Beer, Mansfield
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Linda Higgins Berthold, Columbus
B.S.Ed.
Field of Specialization: Education

Nikolaus Betzucko, Fayette
B.A.
Field of Specialization: Education

David George Bick, Loudonville
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

Elizabeth Shreve Bishop, Ann Arbor, Mich
A.B. (University of Michigan)
Field of Specialization: Psychology

Glade McKay Bishop, Lincoln, Neb.
B.S. (United States Military Academy)
Field of Specialization: Business Administration

Beth Broady Black, Columbus
B.S.Soc.Wel.
Field of Specialization: Education

Pera Bodas, Dayton
B.S. in Ed. (University of Dayton)
Field of Specialization: Slavic Languages

Andrew Roger Bodman, Porbeck, England
H.A. (University of Cambridge, England)
Field of Specialization: Geography

Suzanne Slater Bookin, Grove City
H.S. (Saint Francis College, Indiana)
Field of Specialization: Education

June Boucher, Columbus
R.S.Ed.
Field of Specialization: Education

Douglas Gene Boyd, Dayton
R.S.Ed. (Wright State University)
Field of Specialization: Political Science

William Arthur Boyd, Elvira
B.A.
Field of Specialization: Romance Languages

Stuart Ira Brestchneider, Hildale, N. J.
B.A. (Allegheny College)
Field of Specialization: History

Stefan Jack Brody, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Thomas Mare Broitman, Jericho, N. Y.
B.A. (University of Hartford)
Field of Specialization: Education

Joyce Jeanette Brookhart, Lima
R.A. (Cedarville College)
Field of Specialization: Psychology

Michael Steven Brown, Columbus
B.S.
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Dennis Joseph Buehholz, Cleveland Heights
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Field of Specialization: Psychology

Eric Robert Bush, Wellesley
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John Adin Butterfield, Warren
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Joseph Allan Carey, Columbus
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James Raymond Carroll, Cincinnati
B.A.
Field of Specialization: Anthropology

James Edward Ceculski, Columbus
A.B. (West Liberty State College)
Field of Specialization: Education

Calvin Woodrow Cheatham, Jr.,
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Janet Seidwick Clawson, Columbus
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Patti Sue Dodds, Pittsford, N. Y.
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Robert Milton Fossenden,
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524
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Patricia Lynn Heffner, Bay Village
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Elizabeth Duke Heimbach, Worthington
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Field of Specialization: Classics

John Joseph Helwig, Keokuk, Ia.
B.S.Ed. (Western Illinois University)
Field of Specialization: Education

Charlotte Blount Henneberger, Larona, N. Y.
R.S.Ed.
Field of Specialization: Education

Ludwig Frank Hesse, Geneva
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Field of Specialization: Education

Rita Grazia Hickey, Wilberforce
B.S.Ed.
Field of Specialization: Education

Thomas Carl Himmelricht, Chagrin Falls
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Field of Specialization: Economics

Michael Barnard Hobbs, Columbus
B.S.Arch.
Field of Specialization: Public Administration

William Todd Hoen, Indianapolis, Ind.
B.M. (Butler University)
Field of Specialization: Music

Steven Ernst Hoffman, Columbus
B.A. (Monmouth College)
Field of Specialization: Education

Henry Laurens Hopkins, Shelby
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DeAnna Smith Horstmeier, Worthington
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Jone Seulster Horton, Columbus
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Sharon Howard, Baltimore, Md.
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Field of Specialization: English

Loretta Bedont Jacobs, Lexington
B.A. (University of South Florida)
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Field of Specialization: Art Education

Maxine Holmes Jones, DeSoto, Mo.
B.S.Ed. (Southwest Missouri State College)
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Amy Feldman Juhias, Hollis Hills, N. Y.
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Donald Neal Kaiser, Hayward, Calif.
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Cheng Shu Kao, Taipei, Taiwan
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Debora Ruth Kayne, Columbus
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John William Keller, Mentor
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Kathleen Susan Keller, Columbus
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Robert William Kelton, Miami, Fla.  
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Rex William Kern, Lancaster  
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Field of Specialization: Education

Barbara Lynn Kohn,  
University Heights  
B.A.  
Field of Specialization: Education

Laura Hilary Kopasz, Yellow Springs  
R.A.  
Field of Specialization: Education

Janice Helen Kowalak,  
River Edge, N. J.  
B.B.A. (Ohio University)  
Field of Specialization: Business Administration

Lawrence Andrew Kuila,  
Youngstown  
B.S. (Wheeling College)  
Field of Specialization: Public Administration

Rosaria Intielisano Lacentra,  
Windsor, Ont., Canada  
B.A. (University of Windsor, Canada)  
Field of Specialization: Romance Languages

Anne Elizabeth Lafferty, Columbus  
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Field of Specialization: Education

Lawrence Charles Landreman,  
Columbus  
B.S.Bus Adm.  
Field of Specialization: Business Administration

Beverly Farlow Larson, Columbus  
B.A. (Wittenberg University)  
Field of Specialization: Education

Lane Lasater, Matheson, Colo.  
A.B. (Princeton University)  
Field of Specialization: Psychology

Marcia May Lauritsen, Columbus  
B.A.  
Field of Specialization: English

Magdalena Maria Lauwers,  
Belgium  
Licentiaat (University of Louvain, Belgium)  
Field of Specialization: German

Judith Ann Lawrence, Xavier, Kan.  
B.A. (Saint Mary College, Kansas)  
Field of Specialization: Education

Larry Allen Ledford, Zanesville  
B.A. (Muskingum College)  
Field of Specialization: Speech Communication

Cynthia Maryann Lejeune, Ravenna  
B.A.  
Field of Specialization: German

David Edward Lenerz,  
Janesville, Wis.  
B.S. (Wisconsin State University, Oshkosh)  
Field of Specialization: Economics

Maxine Elizabeth Lentz,  
Allentown, Pa.  
B.S.Ed. (Bowling Green State University)  
Field of Specialization: Education

James Pearl Lewis, Dayton  
B.S.Ed. (University of Dayton)  
Field of Specialization: Physical Education

Rebecca Wai-Yu Li, Hong Kong  
B.A. (University of Wisconsin, Madison)  
Field of Specialization: Economics

Cathy Ann Lindamood,  
Huntington, W. Va.  
B.A. (Marshall University)  
Field of Specialization: Education

David Howard Litt,  
White Plains, N. Y.  
B.A. (University of Cincinnati)  
Field of Specialization: Journalism

James William Llufrio,  
Baltimore, Md.  
B.A. (University of Maryland)  
Field of Specialization: Classics

Eileen Rogers Lucas, Columbus  
B.S.H.E.  
Field of Specialization: Education

Angus Neil MacIvor, Marysville  
A.B. (Duke University)  
Field of Specialization: English

Patrick Ann Macklin, Columbus  
B.S.Ed.  
Field of Specialization: Education

Daniel Patrick Madden,  
Springfield, Mass.  
B.A. (University of Massachusetts, Amherst)  
Field of Specialization: English

Edward John Malecki, Jr., Columbus  
B.A.  
Field of Specialization: Geography

Maurice Nicolas Marchon,  
Fribourg, Switzerland  
Licentie (Universite de Fribourg)  
Field of Specialization: Economics

Maryann Piper Marlin, Columbus  
B.A. (Purdue University)  
Field of Specialization: Education

Mary Beth Marsh, Hillard  
B.A. (Otterbein College)  
Field of Specialization: Speech Communication

Richard Evan Marti, Columbus  
B.A.  
Field of Specialization: Romance Languages

Rosemary Mason, Brecksville  
B.S.Ed. (Ashland College)  
Field of Specialization: Education

John Lancer McGruder,  
Bethesda, Md.  
B.S. (Xavier University)  
Field of Specialization: Public Administration

Elaine Lang McKeen, Fairborn  
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Field of Specialization: Romance Languages

Larry Rodger Meheen,  
Wilson Creek, Wash.  
B.A. (Seattle Pacific College)  
Field of Specialization: Romance Languages

John Raymond McKivigan,  
Edenburg, Pa.  
B.A. (Indiana University of Pennsylvania)  
Field of Specialization: History

Bradford Carl Metzler, Aberdeen, Md.  
B.A. (College of Wooster)  
Field of Specialization: Economics

Erie Jennifer Meyers,  
Berkeley, Calif.  
A.B. (University of California, Berkeley)  
Field of Specialization: Dance

Jean Lynn Miley, West Salem  
B.S.Ed.  
Field of Specialization: Romance Languages

Fredericka Sherrill Miller, Columbus  
B.S.Ed. (West Virginia State College)  
Field of Specialization: Education

Shirley Dianne Miller, Columbus  
B.S.  
Field of Specialization: Education

B.M. (Marywood College)  
Field of Specialization: Education

Melba Marie Mitchell, Forestville, Md.  
B.A. (Oklahoma Baptist University)  
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Jean Ellen Mittler, Columbus
B.S. (Capital University)
Field of Specialization: Education
Sarah Diane Miyahira, Honolulu, Hawaii
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Mozelle Davidson Moore, Columbus
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Ann Tudor Morse, Cincinnati
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Mary Lynne Campbell Musgrove, Columbus
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Field of Specialization: Education
Shirley Rhodes Nealy, Columbus
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Education
Calvin Clayton Nelson, Hermosa Beach, Calif.
B.A. (University of California, Santa Barbara)
Field of Specialization: Education
Richard W. Nelson, Nashville, Tenn.
B.A. (Capital University)
Field of Specialization: Education
Mary Helen Mueller Nemeth, Columbus
A.B. (Ohio University)
Field of Specialization: Education
Judith Kaye Novine, Euclid
B.S.Ed., M.A.
Field of Specialization: Physical Education
Judith Stuchel Okeefe, Columbus
B.S.Ed.
Field of Specialization: Speech Communication
Nora Eileen O'Neil, Fairborn
B.A. (Wright State University)
Field of Specialization: Classics
Margaret Gwen Oehluns, Beechwood
B.S.Ed.
Field of Specialization: Education
Janet Reisland Packard, Columbus
B.S.Ed.
Field of Specialization: Education
Roger Allan Page, Linden, Mich.
B.S. (Michigan State University)
Field of Specialization: Psychology
Jacquelyn L. Paine, Streetsboro
B.S. (Ohio University)
Field of Specialization: German
Bertha Painter Paster, Columbus
B.S.Ed. (Ohio Dominican College)
Field of Specialization: Education
Veronica Dziuba Payer, Columbus
B.S.Nurs.
Field of Specialization: Education
David Duane Pearce, Falmouth, Me.
A.B. (Bowdoin College)
Field of Specialization: Journalism
Brenda Faye Pearsall, St. Petersburg, Fla.
B.A. (Andrews University)
Field of Specialization: English
John Wayne Perkins, Columbus
B.A.
Field of Specialization: Linguistics
Sally Jane Phillips, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Romance Languages
Patricia Ann Pogorzelski, Akron
B.S.Ed. (University of Akron)
Field of Specialization: Music
Nicky Hentz Polk, Lambert, Miss.
B.S. (Jackson State College)
Field of Specialization: English
Jorge Enrique Porras Porras, Bogota, Colombia
Lecenciado, (Universidad Pedagogica y Tecnologica de Colombia)
Field of Specialization: Romance Languages
Dellbert Louis Porter, Columbus
B.A. (San Fernando Valley State College)
Field of Specialization: Journalism
Nancy Christine Porter, Mainsville
B.A. (College of Wooster)
Field of Specialization: Romance Languages
Audra Laribee Preffing, Mansfield
B.S. (Ashland College)
Field of Specialization: Education
David Martin Pressmal, Columbus
B.A. (Saint Marys College, California)
Field of Specialization: Psychology
Susan Greenwood Pridemore, Columbus
B.S.Ed.
Field of Specialization: Education
Thomas Ronald Pyron, Memphis, Tenn.
B.S. (Lambuth College)
Field of Specialization: Education
Kathleen Reardon Ramsey, Columbus
B.A. (Anderson College)
Field of Specialization: Education
Linda Ruth Rapp, Germantown, N.Y.
B.S. (Saint Lawrence University)
Field of Specialization: Psychology
John Reardon, Girard
B.S.Ed.
Field of Specialization: Theatre
Margarita Rebolledo, Columbus
A.B. (Morehead University); M.A. (Ohio University)
Field of Specialization: Education
Karen Kristine Rechnitzer, Littleton, Colo.
B.A. (Colorado College)
Field of Specialization: History of Art
Lynn Lundholm Reichenbach, Columbus
B.S.Ed.
Field of Specialization: Romance Languages
Harris Gregory Reife, Columbus
B.A. (Pace College)
Field of Specialization: Education
Timothy Lloyd Reno, Columbus
B.S.Ed.
Field of Specialization: Education
John Kenneth Riley, Jr., Columbus
B.S.Bus.Ad. (University of Dayton)
Field of Specialization: Education
Robert Hampfleys Riley, Greenfield
B.S.Ed. (Ohio University)
Field of Specialization: Education
Glenn David Ritchie, Palos Verdes, Calif.
B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology
Joseph Edward Ritchie, II, Michigan City, Ind.
A.B. (Calvin College)
Field of Specialization: German

Ronald Alan Robison, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration

Sister Carolyn Rock, La Crosse, Wis.
B.M.E. (Viterbo College)
Field of Specialization: Music

Martha Lou Rodabaugh, Hilliard
B.A.Ed.
Field of Specialization: Education

Robert Wells Rogers, Columbus
Ph.B. (University of Wisconsin, Madison)
Field of Specialization: Anthropology

Sally Jo Rogers, Ashland
A.B. (Ashland College)
Field of Specialization: Psychology

Pamela Henry Rosenberg, Champaign, Ill.
A.B. (University of California, Berkeley)
Field of Specialization: History

George Alexander Ross, Columbus
B.A. (DePauw University)
Field of Specialization: Sociology

Jennifer Esther Huff, Cincinnati
B.A. (Miami University)
Field of Specialization: Psychology

John Marco Ruyan, Westerville
B.A. (Muskingum College)
Field of Specialization: Physical Education

Thomas F. Ryan, New York, N. Y.
B.A. (Iona College)
Field of Specialization: Psychology

Timothy Patrick Ryan, Harahan, La.
B.A. (Louisiana State University and Agricultural and Mechanical College)
Field of Specialization: Economics

Myron Peter Sanborn, Center Barnstead, N. H.
B.Mus. (University of New Hampshire)
Field of Specialization: Music

Carolyn Johns Savory, Columbus
B.S.Ed.
Field of Specialization: Education

John Randall Schiller, Mt. Gilead
B.A. (Ohio Northern University)
Field of Specialization: Education

Laura Shardell Schultz, Westerville
B.S.Ed. (Miami University)
Field of Specialization: Education

Nancy Waeh Schultz, Columbus
B.S.Ed.
Field of Specialization: Education

Patricia Lee Schumann, Cleveland
B.S.Ed.
Field of Specialization: Education

Regina Curtis Scoles, Columbus
B.S.Lang. (Georgetown University)
Field of Specialization: Slavic Languages

Janet Elaine Scott, Painesville
B.S.Ed. (California State College, Pennsylvania)
Field of Specialization: Education

Looreen Harriet Seidler, Lake Success, N. Y.
B.A. (Bennington College)
Field of Specialization: Psychology

Carol Ann Shepard, Mobile, Ala.
B.S. (Alabama State College)
Field of Specialization: Education

Sally Meyer Shin, Worthington
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

Richard Wilbert Simmons, Columbus
B.A.Jour.
Field of Specialization: Romance Languages

Anne Childress Smith, Columbus
B.S.Ed.
Field of Specialization: Education

Jerald Michael Smith, Omaha, Neb.
B.S. (University of Nebraska, Omaha)
Field of Specialization: Psychology

Margaret Frisch Smith, Columbus
B.S.Ed.
Field of Specialization: Education

Patricia Cling Hooper, Columbus
B.A.
Field of Specialization: Sociology

Chrysostomos A. Sofanos, Paphos, Cyprus
Diploma (University of Athens, Greece)
Field of Specialization: Education

Sydel Sokuvitz, North Miami Beach, Fla.
B.A. (University of Florida)
Field of Specialization: Education

Lisa Breck Spangler, Greensburg, Pa.
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Patricia Gray Stadtmaier, Cleveland
A.B. (John Carroll University)
Field of Specialization: Education

Harold Colter Stevens, Farmington, N. M.
B.A. (McMurry College)
Field of Specialization: History

B.A. (College of the Holy Cross)
Field of Specialization: Psychology

Kathleen Revenaugh Stohrer, Columbus
B.A. (Otterbein College)
Field of Specialization: Psychology

Sara Elizabeth Stradley, Columbus
B.A. (DePauw University)
Field of Specialization: Education

Masami Sudou, Tokyo, Japan
B.Law (University of Tokyo)
Field of Specialization: Public Administration

Karen Sudol, East Paterson, N. J.
B.A. (Fordham University)
Field of Specialization: Romance Languages

Cynthia Sue Sullivan, Delaware
B.S.Ed.
Field of Specialization: Education

*David George Swank, Zoor
Field of Specialization: English

Paul Clement Sweaney, Newton, Mass.
B.A. (University of Massachusetts)
Field of Specialization: Journalism

Clinton Richman Swift, Branford, Conn.
B.A. (Wesleyan University)
Field of Specialization: Journalism

Barbara Jean Tatum, Columbus
B.A. (Marshall University)
Field of Specialization: Education

David Leon Taylor, Columbus
B.S.Ed.
Field of Specialization: Education

Nguyen Thi Thao, Saigon, Vietnam
License (University of Saigon)
Field of Specialization: Education

Larry Edwin Tischer, Columbus
B.S.Bus.Adm. (Colorado University)
Field of Specialization: Business Administration

*M.A. Bachelor of Arts, Colleges of the Arts and Sciences
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Field of Specialization</th>
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<tbody>
<tr>
<td>Wilma Weaver Tompkins</td>
<td>New Lexington</td>
<td>B.S. (University of Kentucky)</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Wallace Alan Toney</td>
<td>University City, Mass.</td>
<td>A.B. (Indiana University)</td>
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<td>Field of Specialization: Specialist Languages</td>
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<tr>
<td>Fiona Henderson Travis</td>
<td>Columbus</td>
<td>B.A. (Muskingum College)</td>
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<tr>
<td>Ben Scott Trotter</td>
<td>Columbus</td>
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<td>Karen Petrocic Trubisz</td>
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<td>B.A. (State University of New York, Fredonia)</td>
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<td>Field of Specialization: Special Languages</td>
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<tr>
<td>Alice Kuang Ping Chu Tsao</td>
<td>Taipei, Taiwan</td>
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<td>Field of Specialization: East Asian Languages</td>
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<tr>
<td>Francis Paul Urtz</td>
<td>Rome, N. Y.</td>
<td>B.A. (Le Moyne College)</td>
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<td>Field of Specialization: Psychology</td>
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<tr>
<td>Joseph Irvin Vincent</td>
<td>Harvey, La.</td>
<td>B.A. (Loyola University)</td>
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<td>Field of Specialization: Slavic Languages</td>
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<tr>
<td>Albert Edward Virgil</td>
<td>Millersburg, Ind.</td>
<td>B.A. (Indiana University)</td>
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<td>Barbara Visser Wagenaar</td>
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<td>B.A. (Calvin College)</td>
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<td>John Robert Waldo</td>
<td>Columbus</td>
<td>B.S. Bus. Adm.</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>James Lawrence Warden</td>
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<td>B.A.</td>
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<tr>
<td>Robert Elmer Warnock, Jr.</td>
<td>Columbus</td>
<td>B.S.Ed. (Miami University)</td>
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<td>Field of Specialization: Public Administration</td>
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<tr>
<td>Carolyn Elaine Washington</td>
<td>Cincinnati</td>
<td>B.S. Soc. Wel.</td>
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<td>George Robert Wassil</td>
<td>Columbus</td>
<td>B.M.E. (General Motors Institute)</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Nancy Lee Waters</td>
<td>Westerville</td>
<td>B.A., B.S.Ed.</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Cheryl Ann Watkins</td>
<td>Columbus</td>
<td>B.A. (Rockford College)</td>
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<td>Michael Lowell Welch</td>
<td>Marengo</td>
<td>B.A. (Ohio Wesleyan University)</td>
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<tr>
<td>Douglas Allen Wertman</td>
<td>Catasauqua, Pa.</td>
<td>B.A. (Dickinson College)</td>
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<td>Field of Specialization: Political Science</td>
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<tr>
<td>James Herman Westfall</td>
<td>St. Louisville</td>
<td>B.S. (Kent State University)</td>
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<td>Field of Specialization: Public Administration</td>
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<tr>
<td>Jill Susan Wilberger</td>
<td>Waverly</td>
<td>B.A.</td>
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<td>Field of Specialization: Journalism</td>
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<tr>
<td>Kristin Wolfram</td>
<td>Albion, Mich.</td>
<td>B.S. (Denison University)</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Polly P. Yang</td>
<td>Taipei, Taiwan</td>
<td>R.A. (National Taiwan University)</td>
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<td>M.S. (Murray State University)</td>
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<td>Field of Specialization: East Asian Languages</td>
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<tr>
<td>Michael Allen Young</td>
<td>Columbus</td>
<td>B.A.</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Steven E. Zartman</td>
<td>Springfield</td>
<td>B.A.</td>
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<td>Field of Specialization: Education</td>
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<tr>
<td>Holly Cohen Zingale</td>
<td>Columbus</td>
<td>A.B. (Mount Holyoke College)</td>
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<tr>
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<td>Field of Specialization: Psychology</td>
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<tr>
<td>Patricia Kay Zingheim</td>
<td>North Palm Beach, Fla.</td>
<td>A.B. (University of Michigan)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Field of Specialization: Psychology</td>
</tr>
</tbody>
</table>

**Master of Business Administration**

Twenty-seven candidates

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Field of Specialization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Andrew Albaha</td>
<td>Columbus</td>
<td>B.S. (College of Mount Holyoke)</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>Edward Paul Bessey</td>
<td>Columbus</td>
<td>B.A.</td>
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<tr>
<td>Frederick John Bingle</td>
<td>Toledo</td>
<td>B.B.A. (University of Notre Dame)</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>David Michael Butler</td>
<td>Columbus</td>
<td>B.S. (Michigan State University)</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>Michael Scott Chambers</td>
<td>Navarre</td>
<td>B.S.E.</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>Phillip Handlin Corse</td>
<td>Columbus</td>
<td>B.S. Bus. Adm.</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>Lawrence Thomas Driscoll</td>
<td>Rochester, N. Y.</td>
<td>B.S. (College of William and Mary)</td>
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<td>M.S. Field of Specialization: Business</td>
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<tr>
<td>Thomas William Ferratt</td>
<td>Muncie, Ind.</td>
<td>B.B.A. (University of Notre Dame)</td>
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<td>Field of Specialization: Business Administration</td>
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<tr>
<td>Ronald Elliot Fisch</td>
<td>Montclair, N. J.</td>
<td>B.S. (University of Maryland)</td>
</tr>
<tr>
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<td></td>
<td>Field of Specialization: Business Administration</td>
</tr>
</tbody>
</table>

* Alan Raberfield of Arts, Colleges of the Arts and Sciences
Robert Beall Franklin, Jr., Columbus  
B.S. Bus. Adm.  
Field of Specialization: Business Administration

Mark Ellis Gorchoff, Columbus  
B.S. Bus. Adm.  
Field of Specialization: Business Administration

John Wayne Grace, Columbus  
B.B.A. (Ohio University)  
Field of Specialization: Business Administration

Robert Howard Henret, Marion  
B.S. in B.A. (Northwestern University)  
Field of Specialization: Business Administration

Kent Arne Willy Larsson, Malmo, Sweden  
B.S. Bus. Adm.  
Field of Specialization: Business Administration

Kenneth James Levy, Shaker Heights  
B.S. Bus. Adm.  
Field of Specialization: Business Administration

Larry Lynn Main, Ashley  
B.S. Bus. Adm.  
Field of Specialization: Business Administration

Randy Paul Oates, Columbus  
B.S.E.E.  
Field of Specialization: Business Administration

Ronald Gordon Odom, San Francisco, Calif.  
B.S. (United States Military Academy)  
Field of Specialization: Business Administration

Raj Parr, Bombay, India  
B.E. (University of Madras); M.S.  
Field of Specialization: Business Administration

James Miller Pentecost, H. Columbus  
B.S. (University of Tennessee); M.S. (Stanford University)  
Field of Specialization: Business Administration

Helen Chenoet Pestel, Gahanna  
B.S. (Ohio University)  
Field of Specialization: Business Administration

James Francis Ricketts, Cincinnati  
B.S.Bus.Adm.  
Field of Specialization: Business Administration

David Alan Steiger, Solon  
B.S.Bus.Adm.  
Field of Specialization: Business Administration

John Alfred Wills, Worthington  
B.S.Bus.Adm. (University of Dayton)  
Field of Specialization: Business Administration

Master of City Planning

Twenty candidates

Thomas Grant Ayres, Rockville, Ind.  
B.A.E. (University of Mississippi)  
Field of Specialization: City and Regional Planning

Melvin Lee Blackstone, Carroll  
B.S.Soc.Wel.  
Field of Specialization: City and Regional Planning

Anthony Di Tommaso, Aliquippa, Pa.  
B.A. (Saint Vincent College)  
Field of Specialization: City and Regional Planning

Paul Peter Eberhart, Cuyahoga Falls  
B.A. (Purdue University)  
Field of Specialization: City and Regional Planning

Phyllis Ann Korab, Lorain  
B.A. (Purdue University)  
Field of Specialization: City and Regional Planning

John James Lynch, Elizaville, N. Y.  
B.A. (Marist College)  
Field of Specialization: City and Regional Planning

Bruce Arthur Meyers, Silver Spring, Md.  
B.S.Comm. (Washington and Lee University)  
Field of Specialization: City and Regional Planning

Russell Allen Miller, Columbus  
B.A. (Bradley University)  
Field of Specialization: City and Regional Planning

William Hurley Nevis, Toledo  
A.B. (Colgate University)  
Field of Specialization: City and Regional Planning

William Eugene Oliver, Cheshire, Conn.  
B.A. (George Washington University); M.A.  
Field of Specialization: City and Regional Planning

Emory Jackson Price, Dallas, Tex.  
B.A. (University of Texas)  
Field of Specialization: City and Regional Planning

Gregory Harrison Smith, Zanesville  
B.A. (Wittenberg University)  
Field of Specialization: City and Regional Planning

Precott Carleton Snyder, Plymouth, Ind.  
B.A. (Purdue University)  
Field of Specialization: City and Regional Planning

Gary Wayne Stith, Tulsa, Okla.  
B.A. (Oklahoma State University)  
Field of Specialization: City and Regional Planning

Patricia Aileen Suttmann, Bellbrook  
B.A. (University of Dayton)  
Field of Specialization: City and Regional Planning

Charles Martin Taylor, Hudson  
B.E.E. (General Motors Institute)  
Field of Specialization: City and Regional Planning

Gary Van Turner, Richmond, Ind.  
B.S. (Ball State University)  
Field of Specialization: City and Regional Planning

George Russell Urban, Saltsburg, Pa.  
B.A. (Indiana University of Pennsylvania)  
Field of Specialization: City and Regional Planning

Richard Jay Wiederhorn, Minneapolis, Minn.  
B.A. (University of Minnesota)  
Field of Specialization: City and Regional Planning

Hubert Wirtz, Columbus  
B.A. (Purdue University); M.A.  
Field of Specialization: City and Regional Planning

530
Master of Fine Arts

Two candidates

Robert Scott Campbell, Clo, Mich.
B.F.A. (Herion School of Art)
Field of Specialization: Fine Arts (Painting)

Bryan James Savon, Bay Village
B.F.A.
Field of Specialization: Fine Arts (Painting)

Master of Music

Eight candidates

Robert Alan Cochran, Van Wert
B.Mus.Ed.
Field of Specialization: Music

James Joseph Luellen, Columbus
B.S.Ed.
Field of Specialization: Music

Charles Richmond Mayhew, Hamilton
B.S.Ed.
Field of Specialization: Music

Susan Burghardt Rafferty, Columbus
B.Mus.
Field of Specialization: Music

Linda Jean Shay, Corvallis, Ore.
B.A., B.M. (University of Oregon)
Field of Specialization: Music

Jeffrey Brinton Unger,
Lakewood, N.J.
B.Mus.Ed. (Baldwin-Wallace College)
Field of Specialization: Music

Beverly Jean Vaughn, Columbus
B.A. (Loma Linda University)
Field of Specialization: Music

Mary Louise Walker, Augusta, Ga.
B.Mus. (Florida State University)
Field of Specialization: Music

Master of Public Administration

Ten candidates

John Richard Ambrogno,
Arlington, Mass.
A.R. (Boston College)
Field of Specialization: Public Administration

John William Anderson, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration

Richard Riley Bark, Columbus
B.A. (University of Dayton)
Field of Specialization: Public Administration

Alan Preston Byrd, Dayton
A.B. (Washington University)
Field of Specialization: Public Administration

Anthony Samuel Ceiaiello,
Youngstown
B.S.
Field of Specialization: Public Administration

Phillip Code, Warren
B.A., M.A.
Field of Specialization: Public Administration

Lyne Mcroy Kweden, Columbus
A.B. (Allegheny College)
Field of Specialization: Public Administration

Charles Augustus Mahoney, Jr.,
Quantico, Va.
B.S. (United States Naval Academy); B.A. (Saint Paul's College)
Field of Specialization: Public Administration

Pamela Joy Neff, Columbus
B.A. (Bluffton College)
Field of Specialization: Public Administration

Cathleen Ireland Platt, Columbus
B.S. (Michigan State University)
Field of Specialization: Public Administration

Master of Science

Two hundred and twenty-seven candidates

Judith Gail Ablock, Orlando, Fla.
B.A. (University of Rochester)
Field of Specialization: Computer and Information Science

Gerald Paul Alonzo,
Jamestown, N.Y.
A.R. (State University of New York, Fredonia)
Field of Specialization: Allied Medicine

William Gregory Alsop, Lancaster
B.A. (DePauw University)
Field of Specialization: Natural Resources

Mayoor Nathshah Amin,
Bombay, India
B.E. (University of Bombay)
Field of Specialization: Electrical Engineering

Roger Paul Austin, Cincinnati
B.S.Pharm. (University of Cincinnati)
Field of Specialization: Pharmacy

Hisham Wajih Baghdadi,
Beirut, Lebanon
B.S.M.E.
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Field of Specialization: Home Economics

* Also Bachelor of Electrical Engineering  
College of Engineering
<table>
<thead>
<tr>
<th>Name</th>
<th>University/Institution</th>
<th>Field of Specialization</th>
<th>Grade or Degree</th>
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<tbody>
<tr>
<td>Sherry Joy Kendall</td>
<td>Milwaukee, Wis.</td>
<td>Field of Specialization: Home Economics</td>
<td>B.S. (University of Wisconsin)</td>
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<tr>
<td>William Henry Kielmeyer</td>
<td>Columbus</td>
<td>Field of Specialization: Ceramic Engineering</td>
<td>B.S., M.E. (Purdue University)</td>
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<td>Michael Louis Kleinberg</td>
<td>Columbus</td>
<td>Field of Specialization: Pharmacology</td>
<td>B.S. (University of Arizona)</td>
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<td>James Carl Klepecyk</td>
<td>Wickliffe</td>
<td>Field of Specialization: Medical Engineering</td>
<td>B.S. (University of Toledo)</td>
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<td>Edwin Victor Kluth</td>
<td>Berea</td>
<td>Field of Specialization: Dentistry</td>
<td>B.S., D.D.S. (Western Reserve University)</td>
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<tr>
<td>Milind Sudhakar Korde</td>
<td>Bombay, India</td>
<td>Field of Specialization: Mechanical Engineering</td>
<td>B.Tech., M.Tech. (Indian Institute of Technology)</td>
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<td>Sohrab Kourosh</td>
<td>Tehran, Iran</td>
<td>Field of Specialization: Aeronautical and Astronautical Engineering</td>
<td>B.S. (Tehran Institute of Technology)</td>
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<td>Quoc-Minh Le, Ho Chi Minh</td>
<td>Hong Kong</td>
<td>Field of Specialization: Electrical Engineering</td>
<td>B.S. (National Taiwan University)</td>
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<td>Ho-Hong Lai</td>
<td>Berkeley, Calif.</td>
<td>Field of Specialization: Industrial Engineering</td>
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<td>Ronald Leon Lambdin</td>
<td>Fairborn</td>
<td>Field of Specialization: Aeronautical and Astronautical Engineering</td>
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<td>Michael Allen Laubacher</td>
<td>Dayton</td>
<td>Field of Specialization: Mathematics</td>
<td>B.S. (University of Dayton)</td>
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<td>Sharon Rene Lauderdale</td>
<td>Tulsa, Okla.</td>
<td>Field of Specialization: Nursing</td>
<td>B.S. (University of Oklahoma)</td>
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<td>Lorenz Karl Lehner</td>
<td>Columbus</td>
<td>Field of Specialization: Allied Medicine</td>
<td>B.S., M.E. (Purdue University)</td>
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<td>George Eric Leigh</td>
<td>Cleveland</td>
<td>Field of Specialization: Geodetic Science</td>
<td>B.S. (University of Wisconsin)</td>
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<td>John Finley Leethert</td>
<td>St. Paul, Minn.</td>
<td>Field of Specialization: Electrical Engineering</td>
<td>B.S.E.E. (University of Minnesota)</td>
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<tr>
<td>June Wilsker Levine</td>
<td>Columbus</td>
<td>Field of Specialization: Nursing</td>
<td>B.S. (University of Toledo)</td>
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<td>Sheng Shon Lin</td>
<td>Taipei, Taiwan</td>
<td>Field of Specialization: Civil Engineering</td>
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<td>Jeffery Allen Long</td>
<td>Columbus</td>
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<td>B.A.</td>
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<tr>
<td>Karen Louise Holub Loomis</td>
<td>Columbus</td>
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<td>B.S. (Pennsylvania State University)</td>
</tr>
<tr>
<td>Rita Lynn</td>
<td>State College, Pa.</td>
<td>Field of Specialization: Preventive Medicine</td>
<td>B.A. (Saint Francis College, Pennsylvania)</td>
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<tr>
<td>Joseph Leo Mabon</td>
<td>Alexandria, Va.</td>
<td>Field of Specialization: Preventive Medicine</td>
<td>B.A. (Catholic University of America)</td>
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<td>Gerald Lee Mahan</td>
<td>Xenia</td>
<td>Field of Specialization: Natural Resources</td>
<td>B.S. (Ohio University)</td>
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<td>Patrick John Mahoney</td>
<td>Toledo</td>
<td>Field of Specialization: Allied Medicine</td>
<td>B.S. (University of Toledo)</td>
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<tr>
<td>Randolph Eric Maier</td>
<td>Columbus</td>
<td>Field of Specialization: Geodetic Science</td>
<td>B.S. (Ohio University)</td>
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<td>Lawrence William Margolis</td>
<td>Youngstown</td>
<td>Field of Specialization: Hospital Administration</td>
<td>B.S.A.A.E.</td>
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<tr>
<td>David Anthony Merrelli</td>
<td>Tiltonsville</td>
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<td>B.S. (Wheeling College)</td>
</tr>
<tr>
<td>Edward John McKay</td>
<td>Derwood, Md.</td>
<td>Field of Specialization: Geodetic Science</td>
<td>B.S. (University of Georgia)</td>
</tr>
<tr>
<td>Frank Mark Mikan</td>
<td>Youngstown</td>
<td>Field of Specialization: Geology</td>
<td>B.S. (Youngstown State University)</td>
</tr>
<tr>
<td>William Mark Marquard</td>
<td>Cleveland</td>
<td>Field of Specialization: Pathology</td>
<td>B.S. (John Carroll University)</td>
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<tr>
<td>Joseph Robert Martin</td>
<td>Canal Winchester</td>
<td>Field of Specialization: Allied Medicine</td>
<td>B.S. (Massachusetts Institute of Technology)</td>
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<td>Wilson Roberto Soares Mathos</td>
<td>Sao Paulo, Brazil</td>
<td>Field of Specialization: Dairy Science</td>
<td>B.S.A.A. (Massachusetts Institute of Technology)</td>
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<tr>
<td>Dominic John Mazzarulli</td>
<td>Pennauken, N.J.</td>
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<td>B.S. (University of Notre Dame)</td>
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<tr>
<td>Dennis Charles Mays</td>
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<td>B.S. (Ohio University)</td>
</tr>
<tr>
<td>Noel Roderick McGill</td>
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<tr>
<td>Edward John McKay</td>
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<tr>
<td>Edward John McKay</td>
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<td>B.S. (University of Georgia)</td>
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<tr>
<td>Frank Mark Mikan</td>
<td>Youngstown</td>
<td>Field of Specialization: Geology</td>
<td>B.S. (Youngstown State University)</td>
</tr>
</tbody>
</table>
Beverly Marie Modzelewski, Columbus
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* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics
** Also Bachelor of Science in Food Technology, College of Agriculture and Home Economics
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<th>Name</th>
<th>Field of Specialization</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ting-Ling Ailee Wen</td>
<td>Computer and Information Science</td>
<td>National Tsing Hua</td>
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<tr>
<td>Daniel Jeff Whitner</td>
<td>Dentistry</td>
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<td>Peggy Wilder Wickliff</td>
<td>Botany</td>
<td>Miami University</td>
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<tr>
<td>Michael Henry Wilder</td>
<td>Preventive Medicine</td>
<td>Ohio University</td>
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<tr>
<td>Ernest Bryan Williams</td>
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<td>Capital University</td>
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<td>Richard Fred Woerner</td>
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<td>William Eugene Wooster</td>
<td>Genetics</td>
<td>Ohio University</td>
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<tr>
<td>Barry Lee Workman</td>
<td>Animal Science</td>
<td>Bowling Green State</td>
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<tr>
<td>Ellen Allison Young</td>
<td>Home Economics</td>
<td>Western Reserve</td>
</tr>
<tr>
<td>Christian R. Zeidner</td>
<td>Computer and Information Science</td>
<td>Western Reserve</td>
</tr>
<tr>
<td>Kathleen Marie Anderson</td>
<td>Social Work</td>
<td>University of Cincinnati</td>
</tr>
<tr>
<td>Kathleen Putirakis Anderson</td>
<td>Social Work</td>
<td>University of Dayton</td>
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<tr>
<td>Barbara Lenore Cywinski</td>
<td>Social Work</td>
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<td>Edna Jean DuBose</td>
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<tr>
<td>Kay Weber</td>
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<td>Saint Louis University</td>
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<tr>
<td>Darrel Lee Fourman</td>
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<tr>
<td>Roberta Doherty Fulton</td>
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<td>Warne Joseph Fulton</td>
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<tr>
<td>Millie Ann Gallagher</td>
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<tr>
<td>JoAnn Marie George</td>
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<td>Morehead State University</td>
</tr>
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</table>

**Master of Social Work**

One hundred and thirteen candidates

<table>
<thead>
<tr>
<th>Name</th>
<th>Field of Specialization</th>
<th>College</th>
</tr>
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<tbody>
<tr>
<td>Abdulhadi Mohammed Aluwadi</td>
<td>Social Work</td>
<td>Kuwait University</td>
</tr>
<tr>
<td>B.S. (Central Missouri State College)</td>
<td>Social Work</td>
<td>University of Cincinnati</td>
</tr>
<tr>
<td>Kathleen Marie Anderson</td>
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<tr>
<td>Margaret Kinig Craig</td>
<td>Social Work</td>
<td>University of Dayton</td>
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<tr>
<td>Judith Ann Cusin</td>
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</tr>
<tr>
<td>JoAnn Marie George</td>
<td>Social Work</td>
<td>Morehead State University</td>
</tr>
</tbody>
</table>
Marilyn Jeslove Gold, Columbus  
B.S. Soc.Wel.  
Field of Specialization: Social Work

Marshall S. Gordon, II, Columbus  
A.B. (West Virginia University)  
Field of Specialization: Social Work

Carolyn Scheidler Gross, Worthington  
A.B. (University of Cincinnati)  
Field of Specialization: Social Work

Joseph Talbert Hairston, Worthington  
B.S. Soc.Wel.  
Field of Specialization: Social Work

David Arthur Hamilton,  
Port Mitchell, Ky.  
A.B. (Thomas More College)  
Field of Specialization: Social Work

Imogene Wyatt Hamon, Fort Mitchell, Ky.  
B.S.Soc.Wel.  
Field of Specialization: Social Work

David Clark Hetzel, Columbus  
B.A. (Parsons College)  
Field of Specialization: Social Work

A.B. (University of Cincinnati)  
Field of Specialization: Social Work

Dorothy M. Hittner, Cincinnati  
B.A. (University of Cincinnati)  
Field of Specialization: Social Work

Connie Gallina Hoffman, Ashland  
A.B. (Ashland College)  
Field of Specialization: Social Work

Melanie Joan Howison, Columbus  
B.A.  
Field of Specialization: Social Work

Judith Seibert Hubert, Columbus  
B.A.  
Field of Specialization: Social Work

Daneen Julie Irving, Youngstown  
A.B. (Youngstown State University)  
Field of Specialization: Social Work

Frances Louise James, Columbus  
B.A. (Ohio Dominican College)  
Field of Specialization: Social Work

Alvona Ellen Jenkins, Cincinnati  
B.A. (Xavier University); M.Ed.  
(Xaver University)  
Field of Specialization: Social Work

Addie Ruth Johnson, Bainbridge, Ga.  
B.A. (Fort Valley State College)  
Field of Specialization: Social Work

Walter William Jones, Columbus  
B.A. (Midwestern University)  
Field of Specialization: Social Work

Andrew Mark Juhas, New Castle, Del.  
A.B. (Ohio University)  
Field of Specialization: Social Work

Richard Robert Karges, Columbus  
B.S.Soc.Wel.  
Field of Specialization: Social Work

Ida Schreiber Katz, Cincinnati  
B.S.Ed. (University of Cincinnati)  
Field of Specialization: Social Work

Judith M. Kaufman, Columbus  
B.S.Soc.Wel.  
Field of Specialization: Social Work

Sister Mary Komar, Cincinnati  
B.S. (Mercy College); M.Ed. (Xavier University)  
Field of Specialization: Social Work

Maureen Inez Krah, Cincinnati  
B.A. (Blessed Sacrament College)  
Field of Specialization: Social Work

Thomas Richard Layne, Columbus  
B.A. (Whitworth College); B.D. (San Francisco Theological Seminary)  
Field of Specialization: Social Work

Earl Lawrence Lee,  
Charleston, W. Va.  
B.S. (Bluefield State College)  
Field of Specialization: Social Work

Janet Elaine Tillman Lefer,  
Oxford, Miss.  
B.A. (University of Mississippi)  
Field of Specialization: Social Work

Carol Kitchen Magee, Cincinnati  
B.A. (Marietta College); M.L.S. (University of Pittsburgh)  
Field of Specialization: Social Work

Robert Joel Marx, Bellaire  
A.B. (Ohio University)  
Field of Specialization: Social Work

Eileen Marilyn Mayers, Cincinnati  
A.B. (Stanford University)  
Field of Specialization: Social Work

Alan Joseph McConnell, Columbus  
B.S.Ed.  
Field of Specialization: Social Work

Kathleen Ann McNamara, Zanesville  
A.B. (Gettysburg College)  
Field of Specialization: Social Work

Richard Lawrence Meth, Cincinnati  
B.A. (University of Cincinnati)  
Field of Specialization: Social Work

Valerie Smith Milless, Columbus  
B.S.Soc.Wel.  
Field of Specialization: Social Work

Lewis Oscar Moon, Cincinnati  
A.B. (Wilmingtom College)  
Field of Specialization: Social Work

Jere Lynn Morrow, Wellston  
B.A., B.S.Ed., M.A.  
Field of Specialization: Social Work

Annette Jean Mundon, Cincinnati  
B.S. (Tuskegee Institute)  
Field of Specialization: Social Work

Christopher Ann Munford,  
San Francisco, Calif.  
A.B. (Vassar College)  
Field of Specialization: Social Work

Paulette Roberta Nosal, Donora, Pa.  
B.A. (Duquesne University)  
Field of Specialization: Social Work

Harriet Kaminsky Parsons,  
Moss Point, Miss.  
B.A. (Nasson College)  
Field of Specialization: Social Work

Gail Lenore Peterson, Columbus  
B.A. (Bowling Green State University)  
Field of Specialization: Social Work

Marion Lester Petry, Tipp City  
B.A. (Manchester College); B.D. (Bethany Theological Seminary)  
Field of Specialization: Social Work

Larry Allen Postell, Dayton  
B.A. (Wilberforce University)  
Field of Specialization: Social Work

Joel A. Rabb, Jr., Columbus  
A.B. (Earlham College)  
Field of Specialization: Social Work

Basecom William Ratliff, Columbus  
B.S.Soc.Wel.  
Field of Specialization: Social Work

Curtis Larry Richardson, Portsmouth  
A.B. (Ohio University)  
Field of Specialization: Social Work

Glenn Edward Rohrer, Columbus  
B.S.Soc.Wel.; M.Div. (Methodist Theological Seminary)  
Field of Specialization: Social Work

Sandra Lee Rubin, Trotwood  
B.A. (Indiana University)  
Field of Specialization: Social Work

James David Rundle, Columbus  
B.S.Soc.Wel.  
Field of Specialization: Social Work
Thomas Allen Ruppanner, Cincinnati
B.A. (Bowling Green State University)
Field of Specialization: Social Work

Cathy E. Sales, Alliance
B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work

Janet Elias Sanders, Columbus
B.S. (New York University)
Field of Specialization: Social Work

George William Sheppard, Ashland
B.A., M.S. (University of Nebraska)
Field of Specialization: Social Work

Alice Davis Skitz, Cincinnati
B.A. (Baldwin-Wallace College)
Field of Specialization: Social Work

Kathleen Ann Titus, Fairborn
B.S.Ed. (Wright State University)
Field of Specialization: Social Work

Nancy Joan Van Antwerp, Avon Lake
B.A. (Miami University)
Field of Specialization: Social Work

Constance Ruth Voldrich, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Shirley Ann Walker, Austin, Tex.
B.A. (University of Texas)
Field of Specialization: Social Work

Louise Strauss Warner, Cincinnati
B.S. (Xavier University)
Field of Specialization: Social Work

Brenda Loretta Watkins, Roanoke, Va.
B.A. (Hampton Institute)
Field of Specialization: Social Work

Joan Taylor Welker, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Barbara Victoria Welsh, Cincinnati
A.B. (College of Mount Saint Joseph on the Ohio)
Field of Specialization: Social Work

Margret Elizabeth Short West, Fairborn
B.A. (Our Lady of the Lake College)
Field of Specialization: Social Work

Joseph Eugene Williams, Allentown, Pa.
B.A. (Moravian College)
Field of Specialization: Social Work

Penny Diane Winkle, Northfield
B.S.Soc.Wel.
Field of Specialization: Social Work

Claudia Kathleen Zeissoff, Stockton, Calif.
B.A. (University of San Francisco)
Field of Specialization: Social Work
The Colleges of the Arts and Sciences, a federation of five colleges, includes:

**College of The Arts**
Dean: Lee Rigsby

**Bachelor of Arts**
Twenty-three candidates

- Charles Joseph Ambrose, Bedford
- Joseph Arthur Christian Crasilip, Painesville
- Janine Gowendolyn Davis, Whita, Kan.
- Carol Marie Demos, Louisville, Ky.
- Jeffrey Layne Duteil, Wheelersburg
- Dorothy May Garwood, Columbus
- Jamie Giant Hutchinson, Columbus
- William Howard Kivestoff, New Albany
- Wendy Robin Konkover, Columbus
- Linda Mae Kramer, Cambria Heights, N. Y.
- Conya Sue Lawson, Dayton
- Jessica Elizabeth Locko, Monclova
- Betsy Yrewe Lowenstein, Franklin, Mich.
- Suzanne Marshall Nevis, Columbus
- Raymond Paul Richards, Laconia, N. H.
- Leslie Btchavy Smith, Worthington
- Sara Ruth Swope, Columbus
- William Joseph Usher, Bucyrus
- Lee George Walter, Centerville
- Madelynn Michelle Weber, Mansfield
- Joseph Winters Weidner, Unlontown
- Kathie Joyce Wolk, Dayton
- Jeffrey Jerome York, Dayton

**Bachelor of Fine Arts**
Fifty-two candidates

- Walter John Adamkosky, Columbus
- Mary Elizabeth Altgelt, Akron
- Susan Louise Armes, Bellbrook
- Brandt Alan Arthur, Springfield
- Kathy Hofer Bachman, Columbus
- Georgia Connor Burns, Columbus
- Ann Louise Byal, Toledo
- Lois Sandra Claster, New Rochelle, N. Y.
- Ann Adele Clayton, Carroll
- Cheryl Lynn Coffman, Tiffin
- Carol Marie Demos, Louisville, Ky.
- Tere Djupedal, Canton
- Susan Margaret Galbreath, Columbus
- Barbara Jean Grundstein, Columbus
- Pamela Thomas Hamilton, Columbus
- David Alfred Hartmann, Columbus
- Toby Lee Hendrickson, Dayton
- James Trent Hershman, Wadsworth
- Maryann Elizabeth Hoffman, Youngstown
- Valerie Cookson Hopperton, Columbus
- Ann Jacoby, Brooklyn, N. Y.
- Marianne Margaret Kane, Cincinnati
- Marcia Sweet Kohn, Columbus
- Janet Dunlap Leon, East Liverpool
- Kristine Louise Lindahl, Rochester, N. Y.
- Mary Christine Ludwig, Painesville
- David Wesley Melion, Columbus
- Laurel Lynn Mylan, Macedonia
- Malinda Lee Nelson, Columbus
- Sandra Lee Olson, Forestville, Conn.
- Judson Paul Peeler, Columbus
- James Angelo Perontio, Youngstown
- Barbara Eileen Perry, Urbana
- Virginia Anne Purcell, Cincinnati
- Jennie Lin Robbins, Lakewood
- Lindsey Lee Satterfield, Port Clinton
- Philip Joseph Schlingerman, Columbus
- John Carl Schmidt, Mansfield
- Bonnie Catherine Schoenhorn, Columbus
- Deborah Anne Seigel, Kettering
- Donna Maye Shall, Toledo
- Deborah Lyn Snow, Wooster
- Joanne Valasku Spratt, Columbus
- Martha Roberts Steffy, Columbus
- Jeannette Louise Sunderman, Westerville
- Cheryl Lynn Taunt, Plymouth, Mich.
- Thomas Edmund Wachunas, Alliance
- Mary Frances Waltz, Columbus
- Michael Albert Wasemann, Mansfield
- Jean Ellen Williams, Delta
- Robert Lee Wilson, Dayton
- Marta D. Zeigler, Battle Creek, Mich.

**College of Biological Sciences**
Dean: Richard Bohning

**Bachelor of Science**

**College of Humanities**
Dean: Arthur E. Adams

**College of Mathematics and Physical Sciences**
Dean: Colin B. B. Bull

**College of Social and Behavioral Sciences**
Dean: Franklin P. Kilpatrick

**College of The Arts**
Dean: Lee Rigsby

**Bachelor of Arts**
Twenty-three candidates

- Charles Joseph Ambrose, Bedford
- Joseph Arthur Christian Crasilip, Painesville
- Janine Gowendolyn Davis, Whita, Kan.
- Carol Marie Demos, Louisville, Ky.
- Jeffrey Layne Duteil, Wheelersburg
- Dorothy May Garwood, Columbus
- Jamie Giant Hutchinson, Columbus
- William Howard Kivestoff, New Albany
- Wendy Robin Konkover, Columbus
- Linda Mae Kramer, Cambria Heights, N. Y.
- Conya Sue Lawson, Dayton
- Jessica Elizabeth Locko, Monclova
- Betsy Yrewe Lowenstein, Franklin, Mich.
- Suzanne Marshall Nevis, Columbus
- Raymond Paul Richards, Laconia, N. H.
- Leslie Btchavy Smith, Worthington
- Sara Ruth Swope, Columbus
- William Joseph Usher, Bucyrus
- Lee George Walter, Centerville
- Madelynn Michelle Weber, Mansfield
- Joseph Winters Weidner, Unlontown
- Kathie Joyce Wolk, Dayton
- Jeffrey Jerome York, Dayton

**Bachelor of Fine Arts**
Fifty-two candidates

- Walter John Adamkosky, Columbus
- Mary Elizabeth Altgelt, Akron
- Susan Louise Armes, Bellbrook
- Brandt Alan Arthur, Springfield
- Kathy Hofer Bachman, Columbus
- Georgia Connor Burns, Columbus
- Ann Louise Byal, Toledo
- Lois Sandra Claster, New Rochelle, N. Y.
- Ann Adele Clayton, Carroll
- Cheryl Lynn Coffman, Tiffin
- Carol Marie Demos, Louisville, Ky.
- Tere Djupedal, Canton
- Susan Margaret Galbreath, Columbus
- Barbara Jean Grundstein, Columbus
- Pamela Thomas Hamilton, Columbus
- David Alfred Hartmann, Columbus
- Toby Lee Hendrickson, Dayton
- James Trent Hershman, Wadsworth
- Maryann Elizabeth Hoffman, Youngstown
- Valerie Cookson Hopperton, Columbus
- Ann Jacoby, Brooklyn, N. Y.
- Marianne Margaret Kane, Cincinnati
- Marcia Sweet Kohn, Columbus
- Janet Dunlap Leon, East Liverpool
- Kristine Louise Lindahl, Rochester, N. Y.
- Mary Christine Ludwig, Painesville
- David Wesley Melion, Columbus
- Laurel Lynn Mylan, Macedonia
- Malinda Lee Nelson, Columbus
- Sandra Lee Olson, Forestville, Conn.
- Judson Paul Peeler, Columbus
- James Angelo Perontio, Youngstown
- Barbara Eileen Perry, Urbana
- Virginia Anne Purcell, Cincinnati
- Jennie Lin Robbins, Lakewood
- Lindsey Lee Satterfield, Port Clinton
- Philip Joseph Schlingerman, Columbus
- John Carl Schmidt, Mansfield
- Bonnie Catherine Schoenhorn, Columbus
- Deborah Anne Seigel, Kettering
- Donna Maye Shall, Toledo
- Deborah Lyn Snow, Wooster
- Joanne Valasku Spratt, Columbus
- Martha Roberts Steffy, Columbus
- Jeannette Louise Sunderman, Westerville
- Cheryl Lynn Taunt, Plymouth, Mich.
- Thomas Edmund Wachunas, Alliance
- Mary Frances Waltz, Columbus
- Michael Albert Wasemann, Mansfield
- Jean Ellen Williams, Delta
- Robert Lee Wilson, Dayton
- Marta D. Zeigler, Battle Creek, Mich.

**Bachelor of Music**
Thirteen candidates

- Margaret Jane Ahrens, Lakeside
- Ann Campbell, Mansfield
- Sandra Jill Emig, Valley Stream, N.Y.
- Miriam Celcia King, Mansfield
- Albert Lazzlo, Worthington
- Daniel Edward Mason, Blacklick
- Janet Thompson Mooney, Columbus
- Loukas John Photos, Marion
- Randy Blackwood Shira, Columbus
- Anne Merrill Stewart, Columbus
- Karen Nimekela VaHilise, Alliance
- Teresa Marin Vicario, Columbus

**Bachelor of Art Education and Bachelor of Music Education**
Degree are offered jointly by the College of The Arts and the College of Education Candidates are listed on page 54

**Bachelor of Science in Industrial Design**
Twenty-four candidates

- Douglas Evan Bachman, Columbus
- Lawrence Edward Barbera, Columbus
- Warren Scott Bennett, Lafayette
- Craig Kay Barzamberg, Circleville
- Martin Lee Biehl, Dayton
- Ronald Chester Bobus, Mansfield
- Christina Marie Bozzuto, Cincinnati
- Robert John Cotman, Columbus
- Larry Jay Dostal, Brecksville
- Philip Eugene Glover, Columbus
- Warren James Harper, Jr., Columbus
- William Roger Harrington, Columbus
- Samuel Edwin Hibbs, Columbus
- James Richard Kokai, Jr., Columbus
- Jeffrey Randolph Lahna, Rocky River

1 Also Bachelor of Fine Arts, Colleges of the Arts and Sciences
2 Also Bachelor of Arts, Colleges of the Arts and Sciences
3 Also Bachelor of Art Education, College of Education
4 Also Bachelor of Music Education, College of Education
Janet Christie Muhlenkamp, Bellbrook
Willard Edwin Mumford, Jr., Columbus
Frank Albert Ohlenbach, Columbus
Steven Mark Rosenbaum, Columbus
Roman Anthony Sapecki, Lorain
Richard Thomas Skopin, Columbus
Homer Alfred Smith, Springfield
Gregory Craig Watling, Cleveland
John Stephen Warstler, Columbus

College of Biological Sciences
Dean: Richard Bonning
Bachelor of Arts
Forty-four candidates
William Arnold Apel, Waverly
Robert Arthur Atwell, Columbus
Ralph Edward Barker, Jr., North East, Pa.
John Robert Boyle, Columbus
Michael Dale Brogan, Canton
Bruce Arnold Byron, Columbus
Jeffrey Hale Caufield, East Cleveland
Jacqueline Kay Ceasario, Dillonvale
Gordon Douglas Cremer, Columbus
Case Marius Cutter, II, Bryan
James Edward Davis, Eaton
James Bruce DeStephens, Columbus
Gregory Alan Elkins, Dayton
John Frederick Flory, Columbus
Allen Louis Garpar, Whitehouse
Ted William Grace, Steubenville
Lynn Francis Haines, Tiffin
Randy Lee Hansherr, Salem
Linda Rose Hoersten, Lima
Pamela Ann Hurst, Portsmouth
Jeffrey Steven Kahn, Matawan, N. J.
Steven Douglas Killian, Waynesville
Ronald Charles Klein, Brooklyn
David Earl Lahmers, Columbus
Howard Andrew Laifie, Columbus
Douglas Robert Livingston, Akron
Mark Andre Medvedeff, Akron
Peter George Michals, Canton
Dennis Joseph Miller, Van Wert
John Anthony Montevideo, Niles
Donald Arthur Moore, Eaton
William Evan Myers, Jr., Akron
John Mark Phillips, Columbus
Beverly Ann Rieser, Grove City
Alan Stuart Rothenthal, Livingston, N. J.
Steven McKinley Scurlock, Portsmouth
Randi Kyle Shively, Mentor
Roland Mark Stover, East Liverpool
Stephen William Thacker, Centerville
William Edwin Thompson, Columbus
Winkler Gabriel Weinberg, Columbus
Stephen Joseph Weiss, Columbus
David Ives Yeager, Garfield Heights
Philip Michael Zack, Zanesville

Bachelor of Science
One hundred and ninety-five candidates
Andy Arthur Auby, Canton
Gerald Eugene Ackerman, Louisville
Rebecca Jeanne Adams, Fairborn
Robert Clark Adams, Columbus
Jerry Wayne Addison, Baltimore
Sheila Elaine Aldrich, Ashley
Howard Gary Althuizer, Worthington
Thomas Lawrence Anderson, Reynoldsburg
Paul Allen Andrews, Dayton
Joseph John Arcuri, Jr., East Liverpool
Frederick Jay Arnold, Euclid
Gaillion Seckel Baker, Columbus
Bruce Charles Bailey, Columbus
Bruce James Barber, North Olmsted
William Henry Bennett, Portsmouth
Jere Berkowitz, South Euclid
Lois Ann Betzel, South Charleston, W. Va.
William Lee Birch, Jr., Columbus
John Milton Blankenhorn, Cincinnati
Daniel Eugene Blickenstaff, Columbus
Alexander Louis Bournia, Warren
Donald Lindsay Boyd, Columbus
David Ray Brandau, North Canton
Mary Lou Feider Brown, Columbus
John Thomas Broyles, Columbus
Barbara Sue Barson, Memphis, Tenn.
Donald Heinz Cameron, Toledo
Marc Lee Carroll, Columbus
Tak Min Cheung, Columbus
Leonard John Chmieloski, Columbus
Wayne Richard Clayman, Columbus
Richard Glenn Cline, Grove City
William Thomas Coleman, Dayton
Susan Jane Cooperider, Columbus
Richard Stephen Crim, Galion
Robert Owen Cuckler, Jr., Chillicothe
Paul Alan Cunningham, Columbus
Edward William Ducy, Jr., Cincinnati
George Nicholas Farah, Toledo
Bruce Nelson Davis, Franklin
Lauraine Marie Davis, Jackson
Terence Martin Dolak, Columbus
James Richard Donaldson, Columbus
Jennie Quantz Donaldson, Columbus
James Gordon Douglas, Cuyahoga Falls
Scott Edward Duffy, Chillicothe
Robert Allen Durbin, Columbus
Patricia Williams Eby, Columbus
Barry Stuart Eisenkraft, Columbus
David Alan Evans, Johnstown, Pa.
Jeffrey Blair Fine, South Euclid
David Allan Fink, Columbus
B.A.
Lorin Mark Fink, Beachwood
Kathleen Kay Finn, Shelby
David Jonathan Fitz, Worthington
David Wendell Foltz, Kettering
Bryan Lee Foreman, Vincent
John Arthur Fouke, Columbus
Donald Lorry Freidenberg, Columbus
Stewart Jay Friedman, Cincinnati
Gary Wayne Gammage, Columbus
Bruce Allen Gasparo, Worthington
Elizabeth Veronica Gesmer, Columbus
Alan Paul Goldberg, Ravenna, N. J.
Michael Alan Gray, Shelby
Marc Robin Greenbaum, Shaker Heights
Christopher Thomas Haas, Chesterland
William Francis Hackett, Hubbard
James Francis Haninger, Gahanna
Clifford Kearly Harmon, Chagrin Falls
Stephen Paul Hartza, Columbus
Jon Leonard Hautzenroeder, Columbus
Robert Lewis Heacock, Columbus
Allen Powell Heald, Jr., Columbus
Charles Kenneth Henderson, Columbus
Celeste Marie Henkel, Allison Park, Pa.
Steven Wayne Hewett, Tiffin
Robert Patrick Hiller, Columbus
Mark Edward Himes, Columbus
Timothy J. Hisong, Englewood
Barron Wesley Nixon, Columbus
James Patrick Holmes, Niles
Michael Stephen Hornuth, Rockville, Md.
Jennifer Kay Horton, Bay Village
Thomas Roy Hutchinson, Brecksville
Garth Lee Ireland, Columbus
Steven Ira Jacobs, Cleveland Heights
Brent Marco Jones, Prairie View, Tex.
David Richard Jones, Hebron
Donald M. Kahn, Valley Stream, N. Y.
Frank Charles Karash, Jr., Columbus
Michael Karram, Defiance
John Frederick Kaumeyer, Columbus
Kenneth Robert Keener, Painesville
Paul Edward Kelemen, West Long Branch, N. J.
Dennis Donald Kilkenny, Columbus
Dennis Peter Kreuzberg, Lima
Andrew Stephen Krupa, Youngstown
Mark Douglas Latta, Fostoria
Kim Allen Laurelli, Columbus
Kenneth Laureno, University Heights
Paul Conrad Leidheiser, Jr., Columbus
Pamela Ruth Levin, Columbus
Albert Henry Lewandowski, Cleveland
Paul Dennis Littland, Columbus
Thomas Carl Logan, Columbus
William John Lutmor, Lebanon
James Edward Macklin, Columbus
John David Mahilo, Columbus
Charles Leon Mason, Alliance
Edward Yoshio Mathela, Euclid
Michael Kent McCloud, Columbus
Jay Lee McCready, Upper Sandusky
Mark Allan McDonnell, Delaware
Patrice Joan McMahon, Willowick
Thomas Lloyd McMichael, Spencerville
Gary Mitchell Meckler, University Heights
Rebecca Ellen Brooks Metzler, Columbus
James Lynn Michael, Columbus
Mark Allen Mitchell, Springfield
Michael Joseph Moffitt, Stow
Carolyn Sue Moore, Columbus
Donald Dominic Mucio, Columbus
Larry Allen Nance, Columbus
John Franklin Nawrocki, Columbus
John Franklin Neale, III, Columbus
Nancy Ann Nelson, Columbus
Richard Paul Newman, Whitestown, N. Y.
Joseph Cleveland Opdycke, Washington, N. J.
Richard Allen Ott, Parma
Joseph Lawrence Panzner, Akron
Debby Lou Parenti, Campbell
Dennis Lee Parmer, Alexandria
Michael Paulus, Columbus
Robert Dale Pearl, Columbus
Christopher Andrew Pensiero, Sandusky
Heather Davis Betrolla, Kinman
Stephen Herbert Pick, Cincinnati
Donald Edwin Pickenspough, St. Clairsville
Michael Anthony Piko, Campbell
Brian Lee Prass, Dayton
Bryan James Rairick, Copley
David B. Reynolds, Tipp City
Elliott Ferguson Rice, Jefferson
Christopher Allen Ringle, Westerville
Stephen Lawrence Ruedrich, Dayton
David Rutkoff, Youngstown
Bruce Everett Sands, Cleveland
Linda Diane Saville, Sabina
Patrick Joseph Scarpitti, Columbus
Richard Lee Scherbarth, Columbus
Marcia Ruth Schmidt, Bay Village
Mark Ridinger Schmitt, Columbus
Mark Cole Schmittgen, Elyria
Harry Anthony Schutte, III
Westerville
Sheila Scott, Ridgefield, Conn.
Richard Hampton Scullock, Conn.
Mark Louis Segal, Cleveland Heights
John Paul Sestito, Columbus
Philip Byron Shaffer, Grove City
John Caison Shamp, Zanesville
Jeffrey William Sheets, Columbus
Lauren Thayer Simpson, Columbus
David Anthony Skiffy, Niles
Andrew Charles Smith, Portsmouth
Constance Ruth Smith, Beavercreek
David Wayne Spiller, West Richfield
August Edward Spreitzer, Cleveland
Martha Joan Stechschulte, Ottawa
Robert Elmer Stuart, Columbus
Mark Allen Swekhart, Dayton
Gerald Anthony Terek, Ashland
Gregg Lee Testerman, Lebanon
Timothy James Thieroff, Columbus
Stephen Bernard Tonnis, Cincinnati
Mark Leslie Tower, Newark
Richard William Townsend, Wilmette, Ill.
Lynda George Treat, Columbus
William Walter Troeger, Ashland
Robert Wagenhals, Jr., Columbus
Thomas Edward Ward, Columbus
Craig Robert Warmuth, Columbus
Carissimi
William Alan Warner, Columbus
John Anthony Weisenseel, Lyndhurst
Steven Elliot Weiss, Jericho, N. Y.
Susan Marie Welch, San Francisco, Calif.
Jimmie Eugene Wellman, Jr., Columbus
Robert Sheldon Wendland, Maple Heights
Ronald Gene Whitney, Fairborn
H.A. (University of Virginia)
Michael Eugene Williams, New Vienna
Timothy James Wolf, Westerville
Patricia Jean Wolkman, Alliance
Larry Stanford Zuoerker, Columbus
James Weston Zulliger, Lima

College of Humanities
Dean: Arthur Adams

Bachelor of Arts
Two hundred and six candidates

Joellen Lindamood Amrine, Worthington
Arthur Andinger, Ill, Martins Ferry
Sharon Bailey, Eldora
Ronald Thomas Bakody, Toledo
Laurie Ann Beamer, Sandusky
Carol Ann Becka, Newark
Leslie Rubenstein Benjamin, Cleveland
Nicholas James Betascon, Columbus
Karen Jeanne Blackwell, Columbus
Richard Wayne Blevins, Columbus
Cheryl Lynn Borror, Conover
Marilyn Ann Boyer, Independence
Melanie Cavendish Brethwaite, Westerville
Harvey Joel Bratt, Beechurst, N. Y.
Robert Joseph Breitnich, Columbus
Daniel Lee Brennan, Sandusky
James Nicholas Brozovich, Steubenville
Eric Robert Bush, Wellington
Nicholas William Calderone, Columbus
Lisa Christine Carron, Georgetown
Mark Michael Carlissimi, Columbus
Richard Eric Carlson, Columbus
Michael Paul Chapin, Pierpont
Ascenzo Robert Cito, Columbus
June Ann Clayton, Cincinnati
Eleanor Rangaves Connolly, Columbus
Kathleen Benson Cook, Columbus
Paul Joseph Cook, Columbus
Sharon Louise Cooley, Lima
Daniel Edward Curfuss, Cincinnati
Frank Carol Dickerson, Mt. Gilead
Judith Ellen Donnan, Perrysburg
Rose-Marie Drake, Columbus
Barbara Susan Dungan, Columbus
Patrick Swan Dykes, Columbus
George Gardner Easton, Cleveland
Jane Anne Firak, Brecksville
Robert Lane Fisher, Columbus
Jerry Vance Flowers, Columbus
Kathleen Marion Fogarty, Columbus
Michelle Foltz, Westerville
Alexandra R. Fourman, Columbus
Brian Lee Friedman, Columbus
Janet Youtz Fulmer, Urbana
Kendra Michelle Gallion, Columbus
Beatrice Gelb, University Heights

* Also Master of Arts, Graduate School
John Joseph Gideon, Worthington
Wesley Lee Glasgow, Mansfield
Mary Ellen Glass, Highland Park, N.J.
Larry Alan Goodman, University Heights
Myreda Ruth Gorgas, Ashland
Thomas Wayne Goslee, North Royalton
Margaret McLean, Perrysburg
Stephen Paul Grims, Mansfield
Mitchell David Grau, Louisville
Galynn Gregory, Yorktown Heights, N.Y.
Mary Raynor Grieshop, Columbus
Mary Shaffer Grimes, Columbus
Michael Howard Grubin, Upper Pikes
Martha Kathy Gutgess, Cincinnati
Dorothy Halsey, Columbus
Richard Eugene Hartley, Dayton
Lynn Marie Heekling, Columbus
John Houston Heintz, Gambier
Thomas Anthony Held, Columbus
Steven Boyd Helton, Englewood
Richard Allan Heysek, Columbus
Carol Christine Hock, Columbus
Scott Alan Hovler, Hollywood
Sharon Christine Hock, Cincinnati
Charlene Susan Holback, Dayton
Nancy Jean Hoovler, Fredericktown
Janet Pautach Hopkins, London
Gregory Allan Howard, Columbus
Susan Jane Hubbard, Columbus
Joseph Wayne Hull, Columbus
Steven Howard Hunter, Hamilton
Ann Jackowski, Toledo
Alice Ann Jardine, Dayton
Carol Christine Johnson, Columbus
Scott Weyburn Johnson, Columbus
Charlene Diane Jones, Columbus
Ruzica Kapetanovic, Powell
Virginia Susan Myers Kelley, Columbus
Richard Martin Kent, West Hollywood, Calif.
Ted Alan Kinney, Marietta
Sharon Leigh Kite, St. Clairsville
Roger Lynn Klotz, South Euclid
*Ingeborg Marianne Koosmann, Columbus
Joseph M. Krak, Jr., Westerville
Scott Michael Krantz, Chicago, Ill.
Michael Richard Krotz, Mansfield
Ronald Lee Kuruman, University Heights
Martha Jane Lambert, Columbus
Jeffrey Richard LaVoy, Maumee
Larry Lee Leadure, Columbus
Roger Neal LeMaster, Columbus
Tamar Yetta Lewin, Columbus
Norcen Kay Leyden, Toledo
Timothy Charles Lloyd, Columbus
Thomas Clark Loeving, Columbus
Thomas Logan Lomro, Columbus
Linda Boehler Long, Columbus
Richard Lee Louth, van Wert
Daniel Luskevich, Cambridge
James Perry Luton, Columbus
Richard Michael Malone, Columbus
Manouso Emmanuel Manos, Cuyahoga Falls
Jedd Mercer Maple, Columbus
Richard Melvin Maxey, Columbus
John Bruce McCullum, Worthington
Patricia Ann McGinn, Vienna, Va.
Robert Daniel McKinney, Columbus
William Emil Meyer, Columbus
Raymond Richard Michalski, Lorain
Stephanie Evelyn Milkovich, Wintersville
Sharon Ann Mitchell, West Highland, Calif.
B.S.Ed.
Eric William Moll, Kettering
Sven Lennart Moller, Columbus
Timothy Robert Montler, Mentor Lake
Debra Kay Moore, Galloway
Michael Edwin Mueller, Euclid
Thomas Lynn Mumaw, Dalton
Bernard Allison Naylor, Columbus
Michelle Trumbull Neff, Columbus
Randall Craig Neidenthal, Columbus
Susan Elizabeth Newman, Columbus
George Richard Nickerson, Columbus
John Walter Niehaus, Delphos
Eugenia Ida Nisenholz, Dayton
Linda Louise Not, Worthington
Gregory Aloysious Norton, Fremont
Ann Carey Ormseth, Pittsburgh, Pa.
Linda Jean Wilson Oxtiy, Columbus
Robert Joseph Palmer, Columbus
Alan Bruce Panic, Cleveland
Patrick Lawrence Pancost, Birmingham, Mich.
Hunter Davidson Parker, Jr., Columbus
John David Pasco, Cuyahoga Falls
Joseph David Patacca, Columbus
Barbara Elise Perry, Perrysburg
Loren Michael Petry, Akron
Patrice Renee Powell, Waynesville
Susan Cary Prodell, Waynesville
Karlten Russell Puhle, Powell
*Michael Paul Rarick, Columbus
James Anthony Rege, Rocky River
Diane Mary Reif, Cincinnati
Allen Jeffrey Rets, University Heights
Elliott Ian Reinhick, Beachwood
Alice Elizabeth Reuter, Columbus
Edwin Clair Rhinehart, Columbus
Daniel Frank Rich, Oceanside, N. Y.
Stephen Charles Rodheffer, Columbus
Randall Warren Roff, Columbus
*Carla Susan Rogers, Toledo
Joyce Wills Rose, Columbus
Nancy Evelyn Rosenbaum, Greatneck, N. Y.
Judith Mae Rosenberg, Dayton
Barbara Ann Rosewell, West Hempstead, N. Y.
Donald Morgan Rosenfeld, Columbus
Kristine Agnes Roth, Canton
Gary Earl Sargent, North Royalton
William Mark Schmitz, Ashland
Jeffrey David Schwartz, Cleveland
Drina Rae Schwede, Cleveland
Joan Serfin, Cleveland
Marcus Zellick Shari, Columbus
David Alan Sheldon, Columbus
Kathleen Ann Sherman, Lima
Barbara Joyce Slutskey, North Miami Beach, Fla.
Barbara Jean Smith, North Canton
Linda Fay Smith, North Canton
Michele Justine Smolewski, Pickerington
Lawrence Jeffrey Safer, East Meadow, N. Y.
Gloria Everly Soliday, Columbus
Forrest Fay Stanley, South Euclid
Lloyd George Stephens, Jr., Columbus
Virginia Melick Stith, Columbus
Shellie Jean Stratton, Columbus
Cynthia Ann Straub, Toledo
Nancy Ellen Strauss, Hamilton
James Sugio, Middleburg Heights
Frank John Swaty, Cleveland
David George Swank, Zoar
Barbara Merlo Talbott, Milwaukee, Wis.
Bruce David Taubman, Cleveland Heights
John Lee Thalman, Columbus
Thomas Paul Vergamini, Columbus
Steven Daniel Walker, Westlake
Barbara Macklin Wasiloff, Columbus
Randall Allen Wasserstrom, Columbus
John Robert Watt, Columbus
Robert Paul Welker, Columbus
Anne White, Newark

* Also Bachelor of Science in Education,
  College of Education
1 Also Doctor of Dental Surgery, College of Dentistry
2 Also Certificate of Graduate Dental Hygiene,
   College of Dentistry
3 Also Master of Arts, Graduate School
John Alan Whittington, Springfield
Deborah Ellen Wilezek, McMurray, Pa.
Francoise Marie Wilson, Columbus
*James Charles Wilson, Memphis, Tenn.
Mona Lee Wise, Elyria
Arlie Carlos Woodrum, Bucyrus
Stephen Ware Wright, Columbus
Mary Theresa Young, Columbus
Edward Bruce Zaslow, South River, N. J.
Penelope State Zimmerman, Columbus
Karen Frances Zuga, Vienna
Michelle J. Zurawski, Nutley, N. J.
Paul Frederick Zuzich, Atlanta, Ga.

Peter Ramsey Watkins, Columbus
Doyle Eugene Westbrook, Columbus
Daniel Robert Zupancic, Cleveland Heights

Bachelor of Science

John Thomas Archer, Bellevue
George William Barnett, Jr., Columbus
James Edward Barrick, Centerburg
Dale Harry Bassett, Parma
Robert Michael Beathard, London
David Keith Becker, Columbus
Paul Alan Benzing, Cincinnati
Robert Joseph Boggan, Parma
Robert James Brockow, Columbus
Anthony Joseph Carroll, Pulls Church, Va.
Patricia June Carlsten, Martin
Ernest Allen Cika, Martins Ferry
Harvey W. Clark, Jr., Mansfield
Alan Barry Cline, Columbus
James Edward Curi, Columbus
Frank Salvatore Decaria, Weirton, W. Va.
Zane Frederick DuBour, Columbus
David Irvin Duncan, Kettering
Ronald Robert Earle, Columbus
Donald Frederick Earnest, Stow
Larry Joseph Elmore, Montgomery, Ala.

Ann Judith Epstein, Columbus
Michelle Steaven Fittak, Parma
Thomas Fox, Jr., Columbus
James Dowd Gale, Pittsburgh, Pa.
Roger Wayne Gallagher, Powell
Edward Frank Geneva, Akron
John Martin Ghist, Bucyrus
David G. Glazer, Plainview, N. Y.
Robert John Glazier, Toledo
Gary Charles Grimes, Columbus
William Frederick Guenther, Columbus
Kathryn Ann Harg, Marietta
William Herbert Harr, Hamilton
Richard Westfield Harrison, Columbus
Gene Harvey Hesselt, Columbus
Paul Richard Hitchcock, Heath
Gary Robert Houk, Roanoke, Va.
Kirby Brian Hughes, Dayton
Paul Wesley Jones, Belle Center
William Gary Jones, Muncie, Ind.
David Nelson Kaufman, Glenmont
Michael Frederick Kautz, Columbus
Jeffrey Peter Keittrey, Columbus
Michael Andrew Kovash, North Canton
Mark Alan Kramer, Shaker Heights
Terry Lee Kratzer, Columbus
John David Kusner, Mayfield Heights
James Allen Lahn, Columbus
Dennis Richard Lann, South Euclid
Ricky Lee Lapp, Fremo
Thomas Alan LaRotond, Lima
David Jay Lehman, Wooster
Daniel Stewart Lery, Lima
Carol Ann Long, North Olmsted
John Lawrence Macy, Mansfield
Keith Edgar Mealy, Vienna
Richard Eugene Meroor, Chagrin Falls
Jeffrey Dean Meyers, Cuyahoga Falls
Charles Thomas Mulitis, Newark
John Robert Mushkeff, Beach City
Edward Richard Niple, Columbus
Paul Franklin Ot, Ottawa
Wallace Troy Petrey, Wakeman
John Victor Pluth, Columbus
Randall Wayne Potter, Kettering
Steven Charles Prochaska, Findlay
Patrick Daniel Queen, Zanesville
David Anthony Rogers, Dayton
Donald Walter Root, Jr., Cleveland
Nadine Rusyniak, Brooklyn
Gary Mansfield Schaal, Columbus
Ralph Stephen Sheridan, Columbus
Donald Lee Smith, Mansfield
Harry Eugene Smith, Jr., Gahanna
Daniel Thomas Snyder, Dayton
George Sonneborn, Jr., Dayton
Dean Edward Stitzlein, Loudonville
Patti Lynn Strausser, Ashiabula
Paul Edward Strup, Columbus
Charles Joseph Sullivan, Dayton
Wayne Holland Taliaferro, Columbus
Walker Ray Terry, Ironton
Richard Van de Geer, Columbus
Garrett Neal Vaughn, Carey
David James Vickers, Cincinnati
Kathy Louisa Walker, East Liverpool
Thomas Eugen Wenzinger, Columbus
Marion Douglas Wetherill, Columbus
Norman Mark Whiteman, Boardman
James Edward Wilson, Columbus
Thomas James Worrester, Stow
Suyun Yeh, Columbus

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

Bachelor of Arts

Twenty-eight candidates

Ronald David Augustine, Columbus
Michael Simon Barson, Cleveland Heights
Cheryl Yvonne Bellamy, Columbus
Anna Boner Bendig, Columbus
Kim Cornelius Calvo, Canton
Howard Joseph Chee, Wadsworth
Ann Elizabeth Corrigan, Fleet Post Office, N. Y.
Thomas Harold Fate, Cardington
Robert Earl Gray, Columbus
Thomas Paul Gray, Columbus
Claudia Mae Guenther, Shelby
Randall Albright Hinderer, Columbus
Joel Albert Hunt, Cincinnati
Melvin Douglas Jackfort, North Olmsted
Joanne Florence Kahan, Valley Stream, N. Y.
Billie Jo Lacey, Columbus
Jacqueline Lee Lamb, Columbus
Robert Christopher Larkin, Worthington
Stuart Irwin Lasher, Bethpage, N. Y.
Jeffrey James Marzak, Oregon
Marsha Cox Nolan, Columbus
Charles Austin Parker, Dayton
Karen Marie Thompson, Rumson, N. J.
Carol Ann Tomaski, Chillicothe
Kathryn Sue Turner, Deltraff

*C Also Bachelor of Science in Education, College of Education
** Also Bachelor of Science in Education, Graduate School
College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

Four hundred and seventy-eight candidates

Cynthia Kay Abel, Fostoria
Doris Luzgo Abrams, Chicago, Ill.
James Patrick Agosto, Rochester, N.Y.
Alexander John Albert, Avon Lake
Jenenne Allen, Chillicothe
John Michael Andrews, Columbus
Lynn Cheryl Andreme, Berea
William George Angert, Columbus
Gordon Allen Arnold, Newark
Alan Stuart Axelrod, Akron
Alfred William Baker, Zanesville
Bruce Dennis Baldwin, Beach City
William Frederick Ballam, Jr., Columbus
Karen Susan Bane, Columbus
Sandra Dunleavy Banko, Mentor
Carol Lee Barnum, Columbus
Carolyn Sue Baver, Waynesburg, Pa.
Betty Jo Beeler, Bellevue
Charlotte Furbush Bell, Newark
Stanley Cummins Bender, Wheelersburg
Anna Benetatos, Columbus
Stuart Jay Benson, Jr., Columbus
John Lawrence Berg, Cincinnati
Kathleen Sue Biery, Martins Ferry
Dan Jay Binau, Upper Sandusky
Scott Thurman Binder, Columbus
James Andrew Black, Richfield
Cheryl Sue Blank, Pittsburgh, Pa.
Ellen M. Blustone, Cedarhurst, N.Y.
Barbara Ann Bobash, Rossford
Harold Dale Bogart, South Euclid
Bruce Allen Boise, Troy
Bernard Eugene Boraten, Lima
Betty Jane Bossick, Wintersville
Clarence Walter Bowen, II, Columbus
Alan Dexter Bowman, Cincinnati
Cathie Sue Brandon, Findlay
Doris Owen Breeding, Akron
James Owen Brennan, Jr., Columbus
Theresa Ann Brett, Ravenna
John David Brooks, Columbus
Bruce Frederick Browder, Columbus
Thomas Lee Brower, Cambridge
Larry Dean Brown, Arcanum
Marilyn Parrot Brown, Apple Creek
Robert Allen Brumbaugh, Brecksville
Daniel Allen Buchler, Beachwood
Scott Alan Burlingame, Medina
Eric Karl Buseh, Tiffin
Douglas Owen Bushong, Columbus
James Robert Byrum, Grove City
Bruce Curtis Cable, Columbus
Gary Payton Cain, Columbus
Susan Elizabeth Campbell, Hinckley
Scott Brodwin Camnold, Rye, N.Y.
Thomas Ralph Carlisi, Westerville
Clarence Edward Cassell, Columbus
William Thomas Cassella, Cleveland
Leon Dwight Cecanski, Hinckley
Danny Larnay Creso, Branch Hill
James Alan Chiero, Grove City
Roseann Christine Chisak, Kettering
Jaroslaw Andrew Chystya, Canton
William Michael Christensen, Rocky River
Michael Vincent Ciccarello, Seven Hills
Joseph Anthony Cirelli, Solon
Richard Stuart Crittin, Flushing, N.Y.
Michael James Clancy, Amherst
B.S.Bus. Adm.
Michael Ray Clayton, Columbus
Michael Patrick Cleary, Columbus
Douglas Earl Cluxton, Miamisburg
Kim Jacob Coffman, Dayton
Donald Barry Cohen, Forest Hills, N.Y.
Kenneth Ian Cohen, University Heights
Ann Elizabeth Collins, Columbus
Thomas Gary Connoll, Dayton
Carolyn Ann Conroy, Worthington
Donald Paul Corley, Sandusky
Glenn Cotton, Cleveland
Alan Barry Cranmer, West Mansfield
Walter Martin Cummins, Columbus
Andrew Jay Cusher, Cincinnati
Jay Douglas Cutrell, Newark
Richard Harold Cutter, Cincinnati
Alan Joseph Czarniecki, Bedford
John Edward Dabbert, II
Long Grove, Ill.
Thomas William Daily, Warren
Walodymyr Orest Roman Danylywycz, Parmar
Theresa Lynn Duro, Parmar Heights
Thomas Anthony Dattilo, Akron
Elaine Beryl Davidson, Dayton
Barbara Ann Davis, St. Henry
Larry Jay Davis, Shokie, Ill.
Nancy Lynne Davis, Cincinnati
Theodore Karl Deal, Dayton
Thomas Alfred Deubler, Newtown, Pa.
Ronald Edward Dewan, Cincinnati
Chester Daniel Dilday, Lancaster
James Ralph Dilley, Columbus
John Clifford Dodd, Solon
Allen Steere Dodge, Wilmette, Ill.
Patrick Christopher Donahue, Sandusky
Michael Lee Drakulich, Columbus
Jake Jerome Duhart, Cincinnati
Anna Jean Duva, Youngstown
Donald Eugene Duval, Vermilion
Neal Scott Edgar, Bedford Heights
Doris Margret Emich, Huron
Constance Joan Ester, Mansfield
Karen Sue Farnell, Toledo
Brenda Weir Fedor, Columbus
Bryan Harold Felmet, Columbus
Jay Sheldon Ferrier, Bay Village
John Boyer Findlay, Jr., Columbus
Donna Marie Form, Stowebenburg
Kenneth Joel Fisher, University Heights
Patrice Colleen Fianagan, Toledo
Lawrence Michael Flaster, Rodlyn, N.Y.
Michael Thomas Fleming, Sandusky
Timothy Jay Foran, Newark
Robert Dennis Foreman, Worthington
Cynthia Ann Forsthoft, Centerville
Gary Randall Francis, Cincinnati
Alan Paul Friedman, Cincinnati
Linda Wolfcale Frinnoth, Columbus
Kenneth Bruce Fries, Beachwood
Jane Clarence Frye, Crestline
Margaret Ann Gainer, Heath
Janet Mae Galchick, Salem
William Joseph Gale, Columbus
Dennis Richard Galle, A.P.O., N.Y.
Nancy Ann Gardner, Shaker Heights
Lawrence Robert Garner, Columbus
David Michael Gehr, Toledo
Karen Heness Gebr, Columbus
James Lee Gehrls, Wapakoneta
Robert Lawrence Gelband, New York, N.Y.
Bruce Edward Geller, Merrick, N.Y.
Marc H. Gerstein, Arverne, N.Y.
Samuel Firman Gingerich, Columbus
Shelley Glickman, Brooklyn, N.Y.
James Theodore Glover, Lorain
Richard Emanuel Goerlitz, Dayton
Barbara Lee Goldman, Valley Stream, N.Y.
Lucy Ludmilla Golowin, Troy
Serje Alexander Golowin, Troy
Hilary Louis Goodman, Edison, N.J.

* Also Bachelor of Science in Education, College of Education
* Also Certificate of Graduate Dental Hygienist, College of Dentistry
Hank P. Goroff, Columbus
Joellen Gossage, Columbus
James Malcom Gossen, Lynchburg
Leslie Frances Grand, Shaker Heights
Sue Ellen Greenwald, Gary, Ind.
Jeffrey Alan Greiner, Cleveland
Rosenwald Griffin, Warren
Michele Kay Grimes, Defiance
Barry Lynn Grosselose, Fredericktown
Maria Jo Guerra, Nilex
Kurt Leonard Hagesfeld, Lakewood
James Keith Haley, Columbus
John Edward Hall, Chesapeake
Michael Regan Hall, Columbus
Theodore Wesley Hammond, Columbus
Marjorie Anne Hange, Columbus
Marta Jean Hanson, Painted Post, N. Y.
Wayne Boyce Harbarger, III, Columbus
Cheryl Kathryn Harbert, Elyria
Alan Jeffry Harlan, Ravenna
Delbert Michael Hart, Elyria
Roy Elliot Hart, Columbus
Barbara Joan Hatem, Columbus
Diana Kathleen Hazlett, Akron
Jeffrey Alan Hecht, Columbus
Constance Helman, Columbus
Linda Himes Herschler, Columbus
Christina Ruth Hershberger, Westerville
Martin Bruce Himmel, Cleveland Heights
James Ellsworth Hoffman, III, Brookfield
Cecilia Louise Holland, Columbus
Stephen Kenneth Holmes, Portsmouth
Daniel Jon Hoops, Deshler
Bethany Haslett Hvizdos, Columbus
Steven Philip Hymen, Columbus
Peter Illes, Miami Beach, Fla.
Steven Russell Imbody, Delaware
James Malcolm Ingle, Eton
Stephen Keith Jarvis, Columbus
Michael Lawrence Jaschik, Lancaster, Pa.
Jennifer Shelly Joffe, Knoxville, Tenn.
Roland Eric Johanssen, Sylvania
Deborah Lynn Johnson, Columbus
Linda Jones, Elba, Ala.
Gary Richard Junkins, Columbus
Dennis Stephen Kasy, Tiro
Dawn Cathy Kane, Forest Hills, N. Y.
Howard Jay Katz, Columbus
Ronnie Katz, Somerville, N. J.
Kathleen Elizabeth Keane, Fairview Park
Henry Gregg Kearns, Columbus
Charles Edward Kelley, Ironton
Eugene Harrison Kelly, III, Columbus
Shelley Gaul Kern,
New Rochelle, N. Y.
Howard Scott Kerns, Millersport
Paul J. Kessen, Bryan
Curtis Wayne Keyes,
Old Brookville, N. Y.
Jon Gregory Klemeyer, Columbus
Reene Bassak Kilgore, Seven Hills
Mark Eugene Kinder, Middletown
Edward Stephen King, Columbus
John Robert Kinnman, Bay Village
Lyn Angene Kine, Delaware
Marianne Klein, Chagrin Falls
Mary Catherine Kleven, Columbus
Kimberly R. Kocher, Baltimore
Stephen Douglass Koder, Columbus
Donald Edward Kolas, Columbus
Gary Michael Kost, Columbus
Stephen Russell Kranecovic, Columbus
Robert Lynn Kraney, Beachwood
William George Krause, Columbus
Roland Deeds Kreader, Columbus
Joseph Lewis Kreps, Plainview, N. Y.
Karen Lee Kropp, Grove City
Gregory Alan Krystofik, Columbus
Kim Kulesza, Moorestown, N. J.
Jerry Martin Kuntzman, Sunbury
Donn Alan Kurjan, Youngstown
Michael Jay Kurman, Cincinnati
Freehold, N. J.
Emil Carl Kwacza, Cleveland
Robert Alan Lackey, Youngstown
Marilyn Kay Lahmers,
Cuyahoga Falls
Barry Alan Lampi, Norristown, Pa.
Stephen Paul Landes, Grove City
Suzanne Marie Langlois, Newark
Dennis David LaRocco, Parma
Ronald Daniel Lefton, Jamaica, N. Y.
Robert Stephen Leopold,
Cherry Hill, N. J.
James Noble Lett, Orient
David Norman Lewis, Canton
Bruce Morton Ley, Cincinnati
Patrick Francis Light,
Middleburg Heights
Derrick Elijah Lightfoot, Massillon
Charles David Lindsey, Lancaster
Robert Salvatore LiPuma,
University Heights
John Frederick Little, Columbus
Timothy Scott Logan, Perryburg
Benjamin Winget Lowell, Findlay
Mark Alan Lowery, Chillicothe
Bruce Alan Ludwig, Columbus
Helena Vissman Lupidi, Columbus
Philip Raymond Lyle, Columbus
Mark William Maidlow, Columbus
Ronald Emery Makoff, Willoughby
Kitty Lynn Malcolm, Louisville
Sally Anne Malobabic, Lorain
Frank Gerald Manchester, Niles
Linda Faye Mandel, Obese, N. Y.
Marshala Walker Manley, Columbus
James John Manos, Fairview Park
Daniel Lee Manning, Columbus
Thomas Hugh Marshall, Salem
Nancy Elizabeth Mason, Cuyahoga Falls
Philip Jay Mason, Bayswater, N. Y.
Richard Alan Matheny, Birmingham, Mich.
Edward Michael Matlin, Freehold, N. J.
James Donald Mayer, Columbus
Richard Jay McClung, Jr., Columbus
Jerry Lee McHenry, Wheelersburg
Scott Powell McHenry, Cincinnati
Colleen Mahon, Columbus
Philip Otis Mahon, Scotttown
Palmer Craig McNeal, Columbus
Lee Kenneth Meckstroth, Columbus
Bruce Alan Melamed, Columbus
Harold Konrad Meng, Mansfield
Paul Thomas Menz, Warren
Scott Michaels Jr., Columbus
Claudia Mika, Hamilton
Cornelia Ann Miller, Columbus
David Michael Miller, Findlay
Deborah Jean Miller, Columbus
Jan Bosken Miller, Columbus
Kathleen Ortman Miller, Cleveland
Steven Robert Miller, East Meadow, N. Y.
Jeffrey Philip Mirkin, Youngstown
James Walter Moennich, Parma Heights
Charles Arthur Mollenkopf,
East Palestine
Scott Craig Mooney, Columbus
Terry Fleming Moore, Columbus
Robyn Lynn Moran, Shaker Heights
Jay William Moreland, Coraopolis, Pa.
Catherine Elizabeth Morrison, Eastlake
Mollie Morrison, Zanesville
Richard Paul Morrison, Beachwood
Ritchie Neil Madd, Bardstown, Ky.
Michael Steven Mull, Canton
Thomas Joseph Murphy, Columbus
John Daniel Myer, II, Columbus
Hershel Eugene Nadini, Vandalia

* Also Certificate of Graduate Dental Hygienist*
* Also Doctor of Medicine, College of Medicine*
Nancy Patricia Nickell, Kettering
Holly Lyn Obermiller, Milan
Marliann Oberg, Columbus
Daniel Michael O'Brien, Devon, Pa.
Michael Dennis O'Keefe, Columbus
Mary Ann O'Keefe, Xenia
Jewel Jane Olkin, Columbus
Joseph William O'Neal, Columbus
Barbara Jean Oswick, Dalton
Ralph Frederick Pariser, Columbus
Michael Leonard Patrick, Toronto
William McClintock Patterson, Greenville, S. C.
Donald Neil Pennell, Reynoldsburg
Gregory Stephen Peppers, Columbus
John Edward Perry, Jr., Pittsburgh, Pa.
Holly Anne Pessin, Lexington, Ky.
Jeffrey Charles Peterson, Columbus
Michele Ann Petrou, Brooklyn
Carter Glasgow Phillips, Canton
Barbara Jane Pierce, Columbus
Anthony Paul Pitstick, Xenia
John Nicholas Polansky, Amherst
Mark Edward Portman, Cleveland Heights
Marc Harold Posner, Brooklyn, N. Y.
Diane Kay Powell, Clyde
Deborah Elizabeth Preston, Westfield, N. J.
Bruce Douglas Probst, Haviland
Rosemary Ann Pruski, Columbus
Deborah Denine Przyce, Warren
Lillian James Puhlick, Columbus
James Eilsworth Quinn, Columbus
Wayne Allan Rader, Winterville
Dawna Jane Ramage, Columbus
George Thomas Ranz, Columbus
David Jay Rash, Columbus
Ronald Glen Reel, Canfield
Mark Stephen Reitkopf, Rochester, N. Y.
Stephen Joseph Reno, Valley Stream, N. Y.
Deborah Jean Rich, Lyndhurst
Jeffrey Paul Richetto, Warren
Ellen Condon Rinehart, Columbus
John Charles Ringle, Tiffin
John Michael Rist, Columbus
Mark Stephen Robbins, Glencoe, Ill.
Thomas Brent Roberts, McConnellsburg
Ivan Carl Robinson, Newburgh, N. Y.
Daniel Edward Rohr, Cincinnati
Martin Joel Rome, Youngstown
Gerald Michael Rosen, Columbus
Maury Jay Rosenblum, New York, N. Y.
Thomas Joseph Ross, Milford, Conn.
Irene Roth, Syracuse, N. Y.
Marsha Rothstein, Huntington Valley, Pa.
Raj Krishna Pradum Kumar Rustagi, Worthington
Roger Allan Ruth, Columbus
Glen Harold Rutter, Garfield Heights
Cecilia Ann Ryan, Columbus
Robert Vincenzo Salvato, Columbus
James Alan Samuels, Cleveland Heights
Wayne Joseph Seamurff, Cuyahoga Falls, Ohio
Dale Eugene Schafer, Columbus
John Michael Schmair, Columbus
Daniel Douglas Schneider, Columbus
Kent Barton Schneider, Columbus
Jacqueline Caryl Scholar, Joliet, Ill.
Karen Delong Schott, Columbus
Ted Harold Schreck, Castalia
Joanne Esposito Schueler, Lyndhurst
Cleveland Heights
David Geoffrey Schwartz, Cincinnati
Ellen Iue Ann Schwartz, Worthington
Mark Richard Schwartz, Columbus
Charles J. Schwartzmann, Columbus
Kathleen Susan Schich, Mayfield Heights
Susan Beth Shagrin, Youngstown
Vicki Lynette Shambaugh, Copley
Cerro Gordo, Ill.
Patrick Thomas Sheridan, Lancaster
Pamela Jo Sherlock, Columbus
Jay Shillman, Woodmere, N. Y.
John Henry Shipp, Columbus
Marc William Shoemaker, Columbus
Gregory Bruce Shreaves, Salisbury, Md.
John William Shutt, Conroy
Laurence Silverman, Toledo
Marc Frederick Silverstein, Mentor
Beanwood
Alta Marie Simmons, Franklin, N. Y.
Constance Louise Simmons, Galion
Larry Wayne Simmons, Columbus
Priscilla Ann Simon, Columbus
John Anthony Simonetti, North Royalton
Thomas E. Simpson, Newfield, N. J.
Mehmet Sipahi, Columbus
Judith Ann Slavin, Beachwood
Jaclyn Ulrich Slaybaugh, Columbus
Margaret Workman Smith, Columbus
Russell George Smith, Columbus
Thomas Kenneth Smith, Toledo
Roy Allen Snyder, Dayton
Judith Frances Solomon, Oceanside, N. Y.
Jeffrey Lynn Sprang, Shiloh
Mark Evan Springer, Columbus
William Raymond Stahl, Columbus
Keith Edward Stanovich, Hubbard
Pamela Lynn Stassfurt, Cleveland
George Philip Steele, Columbus
Karl Heinz Stuhmeir, Columbus
Marc Wendell Stephens, Tiffin
Linda Stets, Columbus
John Francis Stets, Jr., Niles
Linda Sue Stites, Anchorage, Alaska
Alan Charles Stockman, Columbus
Lauretta Lynn Storeppher, Athens, Ohio
Alexandra, Va.
Daniel James Stohs, Columbus
David Solomon Stone, Miami, Fla.
James Earl Stoner, Delaware
Linda Kay Stotts, Mansfield
Gregory D. Stover, Celina
Allen Louis Strang, Toledo
Michael Leo Sullivan, Norwalk
David Charles Summers, Newark
Stewart Allen Surfolf, Mayfield Heights
Kathleen Ann Sutula, Garfield Heights
Robert Guy Swisher, Bryan
Kevin Patrick Taylor, Worthington
Marcelle Rose Teahan, Holyoke, Mass.
Virginia Vranek Tenbroeck, Columbus
Wilson Scott Thacker, Lebanon
David Alan Theis, Lowell, Ind.
George Gunnar Thompson, Columbus
Michael Lee Thompson, Newark
Norma Jean Thompson, Columbus
Natalie Grazer Thornton, South Euclid
Tarrance Lynn Toth, Warrensville
Daniel William Trausch, North Royalton
William Henry Travis, Jr., Mentor
Robert Sydney Truex, Jerusalem
Ava Lynn Tuber, Youngstown
Marcia Lynn Turner, Columbus
Glenn Michael Varano, Meadville, Pa.
Diane Caskey Vaughan, Columbus
John Bernard Voight, Columbus
Katharine Sue Wacker, Mt. Vernon
John Joseph Wagner, Columbus
Jo Ann Walters, Lima
Marcia Mae Ward, Columbus
Ronald Louis Warrick, Toledo
John Francis Warton, Berlin Heights
Richard Paul Washington, Berea
Thomas Richard Waters, Bellevue
Nancy Annette Weber, Lima
Wendy Susan Weisberg, University Heights

* Also Bachelor of Science in Education, College of Education
Alfred Leo Weiss, University Heights
Kim Roger Wengor, Columbus
John Mitchell Wheatley, Columbus
Diane Sue Whitbeck, Franklin, N. Y.
Lowe Henry Wiggers, III, Columbus
Collins Wight, Columbus
John Gary Wilcox, Mansfield
Beth Ann Wildman, Shelby
David Harrison Williams, Defiance
Janet Louise Wilson, Dayton
John Alliston Wilson, Columbus
George Joseph Windau, Columbus
Barbara Lee Wolf, Dayton
Jeffrey Hugh Wolf, Millburn, N. J.
James George Boss, Columbus
Elaine Margaret Womack, Columbus
Wendel Mathew Friedl, Parma
Kathleen Whitbeck, Columbus
Craig Thomas Wyman, Euclid
Anita Joy Yukich, Columbus
Penny Melinda Wyman, Columbus
Janis Judson Baker, Columbus
Kathleen Jane Baker, Worthington
Richard John Woods, Worthington
David Thomas Woodward, Moorestown, N. J.
Jeffrey Hunt Buttermore, Columbus
Howard Young, New York, N. Y.
Jeffrey James Yungman, Elyria
Steven Curtis Zacharias, Columbus
Anita Joy Zakem, Wyoming
Stephen Edward Zieba, Dayton
Patricia Sue Zimmerman, Cincinnati
James Robert Zulauf, Columbus

Bachelor of Science
Sixty-two candidates

Janis Judson Baker, Columbus B.A.
Jolynn Barry, Dayton
Dennis Peter Biscoglie, Clifton, N. J.
James George Boss, Columbus
James David Bray, Columbus
Richard Hunt Buttermore, Columbus
Craig Thomas Callahan, Cortland
Roger Martin Calvelage, Delphos
Joseph Michael Capes, Columbus
Donald Arthur Davis, Carrollton
David Gregory Dowin, Mt. Gilead
Nancy Israel Duff, Pittsburgh, Pa.
Conrad Michael Eberle, Columbus
Eric Jay Ehrke, Columbus
Elaine Margaret Falcone, Piscataway, N. J.
Kathleen Carl Ferris, Columbus
Wendel Mathew Friedl, Parma
Edwin Reed Friedstrom, Dublin
Stephen Bradley Fuhrig, Akron
Robert Joseph Futey, Warren
David Joseph Gain, Columbus
Jaye Ellen Gerstner, Lima
Stephen Moler Haley, Columbus
Robert Lee Hanson, Shadyside
Gust Larry Hatjes, Canton
Peggy Lynn Hay, Columbus
John Michael Heiseman, Curitice
Lee Bernard Hemminger, Sandusky
Cynthia Lou Huffman, Greenville
Kirk Whitaker Jones, Wooster
Myron Phillip Kalnitzky, Fairfax, Va.
Jaak Karedin, Worthington
William Blackstone King, Aliquippa, Pa.
Joseph Michael Kishton, Columbus
Terrence Francis Lenick, Mansfield
Charles Kimmel Liphart, Poland
Georgianna Manly, Canton
Patricia Veronica Markunas, Garfield Heights
Sharon Lynne Mates, New York, N. Y.
Ross Michael McLaughlin, Lima
Murray Harold Merner, Columbus
Daniel Scott Miller, Delphos
James Isaac Millner, Trenton, N. J.
James Lee Nielsen, Columbus
Aurora Saskia Orizondo, Columbus
Pamela Jane Patterson, Nelly, N. J.
Thomas William Pautke, Tallahassee, Fla.
Kathleen Rebecca Reed, Berlin Center
Thomas Waid Reilly, Columbus
Robert Paul Rower, Jr., Lancaster
Derek William Schultz, Lexington
Michael Steven Serena, Brookville
Darrel Gene Spinoci, Columbus
Barry Whitson Stearns, Upper St. Clair, Pa.
Stuart Jay Steiger, Beachwood
Pamela Kay Stewart, Whitehall
Bruce William Stunkard, Olmsted
Robert Charles Tassing, Lima
Allen Charles Wahl, Nutsley, N. J.
Gary Lee Weil, Columbus
Donald Earle White, Munroe Falls
Nick Zita, III, Mingo Junction

School of Journalism
Bachelor of Arts in Journalism
Fifty-nine candidates

Clifton Edgar Amos, Columbus
Bruce MacNeill Batchelor, Chagrin Falls
Christine Kay Bauer, Worthington
Kenneth Alan Brown, Cleveland
Irl Russell Carmean, Columbus
Gary Robert Clark, Columbus
Carin Joy Condon, Milford
Alfred Carl DiFranco, Cleveland
June Elizabeth Dill, Columbus
William Joseph Donnelly, Burton
Michael James Fenderbosh, Gallipolis
David Edward Flick, Cincinnati
Dennis Robert Forbes, Cuyahoga Falls
William Alan Gants, Elyria
Nancy Anne Gardiner, Toledo
Juanita Glover, Cincinnati
Rebecca doll Hammerschmidt, Columbus
Donna Jean Hartman, Cincinnati
Patricia Ann Hemm, Piqua
Carl Todd Henning, Shelby
Joseph Neil Huesman, Columbus
Kathryn Jean Huston, La Porte, Ind.
Linda McManan Inskeep, Columbus
Leola Aletha Johnson, Johnson
Jeffrey D. Johnston, Columbus
Brigid Kennedy, Cincinnati
Richard Lynn Leatherman, Columbus
Beverly Ann Leblanc, Painesville
Matthew John Lennon, Greenhills
Camille Ann Lesing, Akron
Betsa Joan Marsh, Cincinnati
Stuart Allen Mathow, Columbus
Sally Jo McGovern, Sylvania
Patricia Susan Meagher, Somers Point, N. J.
Denise Merkle, Reading, Pa.
Dena Michaelson, Dayton
Virginia Rose Oliveri, Mansfield
Margaret Ellen O'Morrow, Columbus
Richard Burns Ostrander, Columbus
Jacquelyn Renee Ostrom, Lockport, N. Y.
Scott Lee Powers, Toledo
Peggy Jean Rader, Loudonville
Robert Meredith Raines, Columbus
Mark Alan Rollinson, Mentor
Thomas Lee Roush, Columbus
Ann Maria Salimbene, Columbus
Ilene Adele Schwartz, Mayfield Heights
Audrey Gayle Shiflett, Cincinnati
Leslie Carlson Simon, Benton, Ky.
Lyndie Marie Supko, Columbus
Lawrence Harvey Spitzer, Cleveland Heights
Beverly Gayle Stahl, Kent
Margaret Rose Tarter, Cleveland
Nancy Beth Udelson, Columbus
Teresa Lynn Unwin, Columbus

Also Certificate of Graduate Dental Hygienist, College of Dentistry

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College of Administrative Science
Dean: James R. McCoy

Anthony Reynaldo Villasana, Columbus
Mary Elizabeth Wachowiak, Depew, N. Y.
Howard Lee Walker, Hilliard
Joan Carolyn Woelfler, Cincinnati

Bachelor of Science in Business Administration
Three hundred seventy-four candidates

George Gregory Abich, Allen Park, Mich.
Peter Knapp Adgate, Niles
Franz Michael Aiting, Cincinnati
Emil Robert Alecsan, Canton
Jen Stanford Allen, Columbus
Barry Russell Ambroz, Lima
Charles Lee Anderson, Columbus
Ronald Gary Appelbaum, Cleveland
Mary Elizabeth Atkins, Westfield, N. J.
Kenneth Roy Austin, Fort of Spain, Trinidad and Tobago
Jesse Carl Bake, Columbus
Joseph Fred Barker, Westlake
Jan Charles Barkley, Springfield
Michael Joseph Bayer, St. Marys
Daniel Charles Beam, Wilmington
Anthony Michael Beat, Attica
Ronald Lee Beckel, Cardington
William Paul Bednarchik, Coram, Pa.
Charles Michael Beercroft, Dayton
David Paul Belcher, II, Lorain
Ralph Francis Berger, Columbus
Margaret Ann Belley, Columbus
Douglas Edward Beyer, Galion
Robert Louis Boeger, Ottoville
Danny Joe Bombard, Rockford, Ill.
John Michael Brandt, Columbus
Conrad Joseph Braun, Rocky River
Terrance Ray Brotherton, North Ridgeville
James Rickey Brown, Jr., Portsmouth
Jeffrey Lynn Brown, Chambersburg, Pa.
Thomas Gregory Brylport, Canton
Timothy Douglas Brylport, Canton
Robert Miles Bryan, Delphos
Joanne Buckley, Worthington
Clifford Ralph Bullock, Jr., Fort Walton Beach, Fla.

Thomas Alan Bumbgardner, Pataskala
Garmit Thomas Burt, Shelby
Donald Bruce Butler, South Amherst
Norman Ellis Byer, Marietta
Martin Paul Cahill, Columbus
Rodger Neil Cahn, Beachwood
Mary Ann Calhoon, Youngstown
Franklin Roy Catrider, Dayton
Steven Roy Cawley, Cincinnati
William L. Capony, Warren
Lawrence Michael Cardinal, Jr., Massillon
Keith Allen Cardwell, Columbus

Thomas George Carey, Jr., Cleveland
Dan LeMarr Carvadd汴, Zanesville
John Anthony Carusana, Elmont, N. Y.
Andrew Lee Case, Columbus
John Charles Chiazza, Lancaster
James Chmielowicz, Toledo
Mercedes Christ, East Brunswick, N. J.
Michael Jeffrey Clark, Greese Pointe, Mich.
William Gordon Cloggish, Newark
John K. Coffinadder, Radnor
Ross Owen Coghlan, West Chester, Pa.
Richard Wayne Coldwell, Mt. Gilead
Stephen Ray Cones, Columbus
Richard Allen Cooper, Maple Heights
Craig Alan Crossley, Reading, Pa.
William Arthur Croteau, Jr., Sandusky
John Spencer Cruz, Tegucigalpa, Honduras
William Paul Cseglo, Cincinnati
Richard Thomas Cullen, Honolulu, Hawaii
Fred Paul Cunningham, Lima
Ung Bia Dam, Cholon, South Vietnam
Gary Carlyle Dame, Columbus
Joseph William Dannman, Lyons
Thomas Alvin Danzeisen, Dayton
Edward Carson Davison, Jr., Lexington
Lowell Kevin Deal, Chantilly, Va.
Dominic Francis Del Bel, Cleveland
Thomas Lee Deliarrorre, Winterville
Duane William Dennis, Toledo
David Dennis Devol, Bellefontaine
Edward Thomas Doomer, Bedford
Dan Gregg Dorsheimer, Littitz, Pa.
Daniel Ray Dumas, North Canton
Douglas Eugene Durbin, Columbus
Michael Francis Dyar, Columbus
Gary Michael Edelson, Mansfield, Pa.
Jeffery Alan Eier, Upper Sandusky
Mark David Eisen, North Miami Beach, Fla.
Michael Joseph Elbert, Elyria
Steve Dean Elsia, Columbus
Larry William Ensellhainz, Galloway
Robert David Epps, Jr., Akron
Christine Mary Everett, Ridgefield, Conn.
Robert Jeffrey Ewen, Cambridge
Kurt Douglas Eiast, Woodville
Edward George Fakir, Euclid
Frank James Federico, Seven Hills

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John Feduchak, Blakely, Pa.
B.S. (University of Scranton)
Frank Alan Findley, Lorain
Joseph Martin Fischlin, Cleveland
Kevin James Flaherty, Worthington
Ronald Ray Fleming,
Williamstown, W. Va.
Michael Warren Flick, Elida
Kevin Edward Flint, Columbus
Jerry Lee Fogt, Sidney
Gary Raymond Fox, Clarington
Roger Thomas Frank, Columbus
Gary Richard Fry, Belfaire
Donald Arthur Gale, Jr., Columbus
Kirk Donald Gamble, Maple Heights
Thomas Lowell Garverick, Gallion
Richard Everett Gaskalla, Columbus
Charles William Gaston, Canton
James Thomas Gill, Medina
Donald Alan Girard, Reynoldsburg
Richard Eugene Gleadeall, Jr.,
Washington C. H.
Robert Steven Goodrich, Newark
Ronald Wayne Gordon, Columbus
Michael Reed Greer, Cleveland
Richard Woodburn Greminger,
Cincinnati
Jack Wilson Grimes, Frazeysburg
John William Grimsley,
Amherst, N. Y.
Joseph Patrick Groom, Jr., Columbus
Dennis James Gruber, Cincinnati
Michael Joseph Guerra, Englewood
John Walter Guzdzinski, Toledo
Charles Michael Gwynn, Columbus
Kaye Don Hamilton, Minerva
Marjorie Louise Hanley, Columbus
William Douglas Hann, Grove City
Douglas Alan Harned, Ashland
Stephen Lee Haslip, Columbus
Robert James Haasman, Independence
Charles Judd Hauenstein, Lancaster
Frank Leland Hayna, Minerva
Daniel Lee Heitmeyer, Kalida
Thomas John Helmers, Dayton
James Leonard Hemmelgarn,
Burkettsville
Jeffrey Robert Henderson, Newark
Alan Bruce Herzog, South Euclid
Dennis Joseph Hess, Columbus
Steven Alan Hinshaw, West Chester
Steven Mark Hopkins, Columbus
Dale Maurice Houmen, Jr.,
Columbus
Douglas Arthur Howard,
Chagrin Falls
Dwane Rodney Huff, Dresden
Gregory Charles Hughes, Lima
James Richard Hughes, Reading
Jeffery Lynn Hummer, Ashtabula
William Robert Humrighouse,
Gahanna
Terry Lee Hunacker, Columbus
Howard William Immordino,
Trenton, N. J.
Albert Edward Indermill,
Worthington
Robert Charles Johansen,
North Tonawanda, N. Y.
Douglas N. Johnson, Dayton
Michael Wayne Johnson, Belfaire
Donald Dean Jolliff, Richwood
Bruce Ervin Jones, Jamestown
Keith Lamar Jones, Springfield
Royal Arthur Jones, III,
Chatham, Mass.
Carol Beatrice Joseph,
Christiansted, Virgin Islands
Michael James Jubb,
Madison Heights, Mich.
Albert Frederick Jurkoshek,
Cuyahoga Falls
Jeffrey Benjamin Kaczmarek,
Cleveland
Dale Edward Kagy, Columbus
Alan Kainrad, Diamond
James Michael Kane, Bay Village
Kenneth Victor Kane, Ashtabula
Raymond Andrew Karaffa,
Willoughby
Larry Katz, Columbus
Larry Lindy Kaylor, Dayton
Robert Stuart Keidan, Oak Park, Ill.
Joan Price Keir, Columbus
Jerry Lee Kelley, Lima
Roger Barry Kemp, Cincinnati
Robert John Kenneally, Jr., Eastlake
Michael McGuire Kennedy, Dayton
Thomas Cranston Kennerl, III,
Dayton
Joshua Seth Kent, Fort Lee, N. J.
Bruce Manning Kephart, Painesville
Lawrence Kerssen, New Milford, N. J.
Mabel Ju Chung King, Hong Kong
Owen Henry King, Elmont, N. Y.
Randall Howard King, Fairborn
Thomas James Kirby, Hanon
Paul Robert Kleffgen,
Rochester, N. Y.
Louis Barry Klinger, Harrison, N. Y.
Jeanne Antoinette Klopp,
University Heights
James Richard Knot, New Bremen
Charles John Kochway, Westlake
Steven Brian Kobeltz,
University Heights
John David Kochmit, Cleveland
Jeffrey David Krause, Pittsburgh, Pa.
Kathleen Helen Kruesser, Sylvania
James Gregory Kunkel, Cincinnati
Dennis Anthony LaBarre, Columbus
Roger Alan LaBarre, Columbus
John Anthony LaMonica, Jr.,
Arlington Heights, Ill.
Lester Eugene Lane, Akron
W. Franklin Langford, Newark
Terrence Edward Lannan, Columbus
Michael Andrew Lax, Lakewood
James Douglas Leatherberry,
Columbus
Thomas Wayne Lennox, Brecksville
James Joseph Little, Woodstock, Ill.
Eric Paul Loveman, Medina
H. Rex Lower, Columbus
David Wai On Lum, Oxon Hill, Md.
Charles James Lundy, Jr.,
East Palestine
Robert Julius Lutz, Ostmells Falls
James Marvin Lydasy, Jr., Columbus
Francis William Lyons, Columbus
Mark Douglas Mansfield, Columbus
Gary Lynn Margol, Mansfield
George David Marker, Wapakoneta
Thomas Edward Martin, Cleveland
John Otto Mason, Columbus
Gregory Lewis Mathe,
North Plainfield, N. J.
Terry Lee Mathews, Reynoldsburg
Alan Virgil Matthews, Willoughby
John Richard Mawhinney,
Pittsburgh, Pa.
James Gerard May,
Newport News, Va.
William Francis Mayer, Cincinnati
Charles Stafford McIntyre, Warren
William Crawford McKinney,
Marietta
Marcia Janet McQuade, Columbus
James Arthur Messner, Lynnhurst
Ronald Robert Meyer, Hamler
David Richard Michael, Columbus
Robert Greg Miller, Bellefontaine
Robert John Miller, Euclid
James Richard Millikan, Columbus
Michael James Mitchell,
Liberty Center
Rick Lee Molt, Columbus
Nancy Sue Monnette, Marion
James Samuel Morgan, Dunkirk
Robert John Muessegaes,
East Springfield
Andrew Joseph Murren,
Rochester, N. Y.
Greg Myslivec, Toledo
Vera Rudolph Nedell, Toledo
Robert Henry Nenni, Ironton
Jonathan O. Nerenberg, Middletown
James Lee Nichols, Columbus
Thomas Ralph Niemi, Warren
Lyle Gregory Niese, Leipsic
Thomas Joseph Noon, Columbus
George Christian Nubel, Cherry Hill, N. J.
Michael Alan Numbers, Lima
James Robert O'Dell, West Chester, Pa.
Carol Ann Ondrake, Cleveland
William Cyril Ontrop, St. Henry
Paul Thomas Orr, Parma
John Martin Owen, Ravenna
Pamela Sue Parker, Columbus
Wayne Franklin Paro, Cortland, N. Y.
Vincent John Passero, Columbus
Frank Carl Patane, Yorktown, N. Y.
David Lodge Patterson, Leetonia
Frank Joseph Paul, Lorain
Roger Warren Peltz, Richfield
Daniel Lee Penrod, Columbus
David Christopher Penzone, Columbus
Arizo Porfio Perez, Milford Center
Donald Theodore Perry, Columbus
Michael Raymond Pesek, Independence
Dennis Eric Peterson, Ashubula
Charles Winfred Philpot, Egg Harbor, N. J.
Cathy Jane Pierce, Lima
Erik Richard Pierce, London, England
Gerald George Polisika, Duquesne, Pa.
Stephen Michael Popovich, Columbus
Larry Rankin Porterfield, St. Clairsville
Erik Rolf Portmann, Lima
John Walter Post, St. Henry
Stephen Charles Prechtl, Orrville
Geoffrey Franklin Presson, Bedford Heights
Diane Marie Preston, Norwalk
Geoffrey Baker Price, Akron
Frank Tolbert Proctor, Jr., Stateboro, Ga.
Dennis Lee Puffenbarger, Mt. Vernon
Steven Alan Radulovich, Elida
Dennis Jay Rathbun, Bryan
Dennis James Reguno, Mayfield
William Edward Riley, Berea
Dean Bradley Rinehart, Gallipolis
Joseph Hill Rinehart, III, Springfield
David John Roberts, Hamilton
Virginia Mary Rodie, Lakewood
Jerome Dwight Rogers, III, Columbus
Leonard John Roll, Independence
Maurice Mark Rubright, Dover
Thomas Alfred Rupp, Lancaster, Pa.
Alan Irwin Sacks, Rochester, N. Y.
Gary Allen Sahb, Columbus
Regenia Filethia Sanders, Columbus
Paul Anthony Santuzzi, Cleveland
George Steven Sapon, Akron
Mark Alan Schimansky, Canton
Robert Eugene Schmerge, Wapakoneta
Robert John Schneider, Bellevue
Paul Schnittger, Brooklyn
Roger Raymond Schwartz, New Bremen
Louis Carl Schwienher, Cincinnati
Bruce Farrell Seifer, West Hempstead, N. Y.
Joseph George Seladi, Jr., Parma Heights
Jay Lee Shell, Phillipsburg
Michael Joseph Shekey, Columbus
James Eugene Shoemaker, Columbus
Dennis James Shonebarger, Columbus
David Louis Simon, Cleveland
Scott Simon, Cleveland
Russell Edward Simpson, Mansfield
Gary Gabor Sizlak, Garfield Heights
James Edison Slavens, Columbus
James Wick Smart, Worthington
David Douglas Smith, Columbus
Donald Steven Smith, Columbus
Glenn Richard Smith, Elyria
Gregory Vaught Smith, Galilpolis
Roger Lee Smith, Columbus
Steven Harold Specman, Columbus
Richard William Spletie, Marion
Donald Alan Stanchfield, Mansfield
William Edward Stark, Columbus
Gary Alan Stein, Erie, Pa.
John Eldridge Stinson, Hillsboro
David James Stock, Columbus
Gregory Arthur Swank, Columbus
Paul Weston Sylvester, Cincinnati
Richard John Szczepaniak, Toledo
Sapon Taechanuruk, Thailand
Geoffrey Stanley Tatman, Columbus
Thomas Wayne Tenwalde, Ottawa
William Andrew Thellian, Cleveland
Mark George Thieman, Minster
Edward James Thomas, Jr., Columbus
Gerald Edwin Thomas, Columbus
Edwin Frank Thompson, Jr., Washington, D. C.
Larry Alan Thompson, Columbus
Martin Stewart Todd, Columbus
Susan Amici Tolbert, Martins Ferry
D. John Travis, Parma Heights
Clifford Lloyd Trueison, Columbus Station
Amy Laurel Tugend, Fredericston
Robert David Turner, Marion
Larry Wayne Tyree, St. Louisville
Bruce Louis Varga, Cleveland
Gerard John Vavruska, Strongsville
William Charles Vey, Jr., Worthington
Imants Viss, Columbus
David H. Walliser, Lancaster
Andrew Judson Wallner, Bedford Heights
Michael Brooks Watson, Worthington
James Harold Webster, Westerville
Roger Bruce Wettaufer, Ashubula
Susan Hill Wettaufer, Ashubula
Bruce David Whitehan, Delaware
Phil Leigh Whittington, Sabina
James Harold Wilcoxon, Jr., Reynoldsburg
Cheryl Ann Mencer Willis, Columbus
William Henry Willis, North Canton
David Richard Wilson, Findlay
Thomas Alden Wilson, Cincinnati
Steven Harry Wimmers, Hamilton
David Mark Wolfdorf, Mansfield
Richard Dwight Wood, Columbus
Terry Steven Woods, Cincinnati
Thomas Gene Woods, Dayton
James Howard Wyland, Tujunga, Calif.
Donald James Yark, Jr., Toledo
Thomas James Zieniek, Cleveland
Gregory Jay Zeno, Dayton
Gregory Charles Zuercher, Pandora

School of Social Work
Bachelor of Science in Social Welfare
Fifty candidates

Barbara Florene Adelstein, Levittown, Pa.
Christine Marie Arnoldi, Huron
Laurie Shapiro Asan, Plainview, N. Y.
Alice Lorraine Bethel, Steubenville
Elsie McCarrenon Biles, Canton
Roslyn Pearl Blugier, University Heights
Kandi Kim Brelsford, Westerville
Virginia Mary Brigham, Columbus
Ronald Lee Brown, Reynoldsburg
Julie Alison Chenno, El Paso, Tex.
Michael James Chevalard, Columbus
Susan Joy Clawner, Brooklyn, N. Y.
Josephine Colli Clyde, Columbus
Eleanor Ruth Doran, Columbus
Timothy Curtis Earlenbaugh, Akron

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College of Agriculture and Home Economics
Dean: Roy M. Kottman

Jacalyn Ann Ehbert, Marion
Leslie Susan Gerry, Cleveland
Shelley-Starr Green, Chatham, N. J.
Joseph Martin Hall, Cincinnati
Debra Ann Harris, Columbus
Suzeanne Marie Hill, Sandusky
Renew Susan Hoffman, Beachwood
Gregory Ray Immel, Columbus
David Taylor Ives, Pierpont
Linda Cheryl Jones, Cuyahoga Falls
David Taylor Ives, Pierpont
Renee Susan Hoffman, Beachwood
Debra Ann Harris, Columbus
William John Kreinbihl, Laurens, N. Y.
Laurie Nadelane Lee Joseph, St. Henry
Barbara Donald James Marvin, Columbus
Paula Enid Litt, Columbus
Patricia Kenneth Foye Murray, Gahanna
Susan Jeanne Ellen Louise Schroeder, New Washington
Marie Kozar, Euclid
Susan Denise Shorr, Canton
Laura Sue Sobol, Queens, N. Y.
Jeanne Speach, Columbus
Ann Althea Springer, Columbus
Raymond Joseph Studer, New Washington
Janice Lee Underwood, Columbus
Lynne Riddle Waddle, Toronto
Vicki Elaine Weh, Wilmington
Diane Lynn Wetters, Worthington

Bachelor of Science in Agriculture
Two hundred and forty-two candidates

Donald Evans Alford, Hamilton
Dale Eugene Amstutz, Orrville
Bruce Edward Anderson, Piqua
Douglass Eugene Anderson, Mt. Sterling
Euna Vay Andrasik, Dayton
John Richard Augustenst, Marion
Owen Jay Balltuch, Cincinnati
Michael Ramon Bardo, Salem
Russell Howard Bare, Canfield
Rod Michael Barnisham, Columbus
B. A. (Davis and Elkins College)
Harold Thomas Beck, Dayton
Jack Porter Berry, Shreve
Joel Thomas Berry, Shreve
Karl Eugene Betts, Andover
Cathrine Allyn Blauser, Baltimore
Hans Peter Block, Sugar Grove, Pa.
Ronnie Lee Bough, Orrville
Alexander Theodore Bobersky, Lake Milton
David Eugene Brinkman, Greenville
Gary Wade Brookshire, Bay Village
Timothy Charles Brozman, Madison
Daniel LeRoy Brown, Hillsboro
Walker Brown, Jr., Lyndhurst
Alice Boker, Monroe
Alvin William Burger, Hamilton
Michael Burns, Milford Center
John W. Burroughs, III, Miamisburg
Alan Rhett Butler, Portsmouth
James Arthur Case, Delaware
Scott William Cavanaugh, Tiffin
Allen Keith Clark, Burton
Steven Roger Close, Baltic
Donald Lee Collins, West Portmouth
Ronald Eugene Company, Plymouth
Michael Bartholomew Conway, Manchester
James Robert Cook, Jr., LaRue
Jay Fredric Cowgill, Van Wert
David Robert Craig, Mt. Sterling
Michael Alan Cribles, LaFayette
Thomas Eugene Crowl, Columbus
Daniel Jaynes Crownover, Westerville
William Lloyd Culbertson, Hebron
Kenneth Daniels, Newark, N. J.
William Edward Dase, Clarksville
George Dale Derringer, Dayton
Becky Stine Dickerhoof, Jenera
“Ronald Paul Dickerhoof, Louisville
Stephen Russell Dodd, Athens
Rodney Lee Endsley, Coshocton
Paul Thomas Eppley, Roseville
Dan Edward Eversole, Baltimore
Sandra Marie Eyring, Westlake

B.S.H.E.
Michael Paul Ezel, Bethpage, N. Y.
Joy Ellen Federle, Kettering
Charles John Ference, Mayfield Heights
David Alan Finfrock, New Carlisle James Conrad Fisher, New Philadelphia
Kristine Ann Flister, Barberton
Craig Alan Felderjohn, St. Marys
Lee Edwin Foster, Springfield
Dorothy Charlene Fraser, Burburnett, Tex.
Duane Hamilton Friend, West Alexandria
Bruce Edward Frost, Bucyrus
Norma Jean Fuerst, Euclid
Robert Faye Funderburg, Yellow Springs
Lisa Lynn Garrod, Cincinnati
Frank Arthur Gasperini, Jr., Bridgeport
Mark Edward Gehhart, Lewisburg
Michael Richard Geib, Columbus Grove
Lynn Charles Geitgey, Malinta
Thomas Merrill Geyer, London
James Arthur Gibson, Galion
B. S. (Michigan State University)
Kenneth Van Duey Gillette, Newark
Barry Steven Glaz, Cleveland
Mark Joseph Goeka, West Alexandria
Gregory Alan Gombas, Garfield Heights
Carl Lesson Greene, Warren
David Frederick Grimm, Oak Harbor
James Michael Haas, Lindsey
Wayne Paul Haas, Euclid
Richard Todd Hales, Grafton
Kathryn Ann Hall, Ashland, Ky.
Gary Paul Heemann, Cincinnati
Dean Merlin Henson, Sherry
Eugene Paul Hettel, Norwalk
Richard Duane Hiller, Ashland
James Charles Hines, Ostrander
Daniel Joseph Houck, Atwater
Richard Bruce Howry, Coshen
David Allan Hoyles, Tupperville, Ont., Canada
Timothy Ralph Hutchison, Streetsboro
John Thomas Hutter, Bay Village
Angela Rose Jamison, Columbus
Kurt Neil Johnson, Columbus
Paul Junior Johnson, New Carlisle
Gregory Hugh Jones, Marion
Harry George Kattebe, Cleveland
Gary Clayton Keck, Leipsic

* Also Master of Science, Graduate School
James David Pagett, Xenia
Joseph Andrew Patronik, Mt. Healthy
Patrick Edward Perry, Pickerington
Timothy David Phillips, Springfield
Ronald Joseph Pickworth, LaGrange
James Pizzino, Jr., Orange
Charles Joseph Pohlmans, Delphos
Clifton Wayne Poling, Marysville
Danny Lee Potter, Fremont
Mark Alan Postus, Amanda
William Gregory Rasbach, Cincinnati
Stephen Dec Reed, Zanesville
Gregory Paul Persons Reese, Warren
William Charles Reise, Grove City
James Carl Rex, Blue Rock
Jeffrey Leon Rhoad, Postumia
William Dale Rhodes, Jr., Johnstown
William Kent Richey, Jr., London
William Walter Ridenour, Lima
George Irvin Riker, Bowling Green
Joseph William Rimelsperger, Fremont
Thomas Edward Ritchie, Highland Heights
James Lloyd Robinson, Galion
John D. Robinson, Circleville
Tom Howard Robinson, Delaware
Walter Robert Rogers, East Orwell
Janet Heubel Rosenfeld, Columbus
Bernard Lee Ross, Mansfield
Patrick Michael Ruble, Hebron
Eugene Howard Ruoff, Orient
Larry Alan Ryder, Columbus
Stephen Michael Sass, Seven Hills
Aaron Lee Sayre, Portland
Martin Jeffery Schuster, Cleveland
Steven Lee Scott, Mt. Vernon
Holli Lee Shafer, Cloverdale
Bradley Claude Shephard, Milwaukie, Ore.
Charles Leland Sherck, Republic
James Breth Short, Bryan
William Dale Short, Archbold
Jeanette Louise Shover, Lancaster
Ronnie Dean Shupert, Seaman
Philip Christian Simon, East Palestine
Thomas Richard Skelton, Canal Winchester
Harry David Slawter, Middleport
Kathleen Jarosz Smith, Richfield
Roger Dean Smith, Mt. Gilead
Roger William Smith, Gallipolis
James Eugene Sousa, Bloomville
Dale Edward Spiehi, Hilligley
Ronald James Spiker, Norwalk
Howard Alfons Stammen, St. Henry
Jane Alcorn Steward, Youngstown
Donald Ray Stewart, Columbus
Duane Charles Stewart, Hudson
Dana Douglas Stone, Wellington

Fred Michael Stoner, Navarre
Betty Louise Straub, Loudonville
William Dean Story, Wooster
Paul Edward Swisher, IL Thornville
William Richard Swob, Jr., Houston
James Claude Szepil, Avon
Peter Stephen Thornton, Waterville
James Lee Trigge, Delaware
Susan Eve Turek, Delta, Pike
Larry Dale Ufferman, Delaware
Stephen Richard Vaughan, Westerville
Donald Lynn Vezzie, Granville
Frederick Neal Walter, New Straitsville
Emily Von Stein Walton, Nevada
Karl Jay Warneke, Bedford
David Allen Warren, Bluffton
Charles Martin Weber, Defiance
Edward Boyd Weiss, Grove City
Gary Irvin Welling, Millbury
Maxey Lee Wellman, Cincinnati
Rolf Lynn Wells, Wauseon
Donald Conrad Welte, Avon
Lester James Wenger, Orrville
Robert Grant Weston, Bedford
Judith Carol Wheeler, Wilmington, Del.
Kathleen Mary Williams, Akron
Ronald A. Williams, Hilliard
Gary William Wilson, New Concord
James Alfred Winchell, Chagrin Falls
Charles Stanley Wingfield, Columbus
Dwight Evan Wolfe, Englewood
Charles Thomas Worley, Leesburg
Darrel Lee Wright, Treton
Chris Oak Yoder, West Liberty
Frederick Young, Hopewell
Kent Lynn Zimmer, Arcanum
Daniel Lee Zimmerman, Ludlow Falls

Bachelor of Science in Dairy Technology
Four candidates
Peter Albert Diehl, Defiance
Thomas Franklin Diehl, Defiance
Carl Lee Fisher, Winchester
Patricia Gaiser Pellington, Springfield

Bachelor of Science in Food Technology
Eight candidates
David Alan Brainer, Painesville
*Teung Fook Chin, Cincinnati
Vernon Warren Cole, Worthington
Dennis Lee Giebert, Crandallville
Harvey Jack Kaplan, White Plains, N. Y.
* Also Master of Science, Graduate School
School of Home Economics

**Bachelor of Science in Home Economics**

One hundred and forty-seven candidates

Barbara Gamble Anderson, Van Wert
Diana Bostic Anderson, Hilliard
Katie Louise Andrews, Bellevue
Bonnie Tuttle Ayers, Mechanicsburg
Donna Eileen Barrington, Columbus
Diane Hall Bassett, Columbus
Linda Sue Benney, Columbus
Janeen Carol Biehle, Maineville
Faye Carolyn Bleck, Akron
Diane Ruth Boeger, Fort Loramie
Deborah Knerim Bonchu, Cleveland
Kay Anne Borotl, Liberty Center
Dorothy Jane Bouillon, New Riegel
Susan Christina Bowan, Wooster
Shelley Rawae Braden, Cambridge
Cindy Kay Brennan, Lexington
Donna Ruth Cahill, Columbus
Paula Jean Callahan, Marion
Cynthia Jean Cantalamessa, Willowick

Catherine Mary Chieglis, Fairborn
Catherine Ann Collier, Doylestown
Phyllis Dickinson Compton, Worthington
Lucinda Sarah Cornell, Westerville
Brenda Maciene Cover, Nevada
Florence Poland Cox, Xenia
Arlene Louise Crosser, Hanoverton
Deborah Wilson Davis, Columbus
Rebecca Anne DeRocher, Columbus
Lucille Elizabeth Diehm, Willard
Rosemary Ann Ditze, Columbus
Peggy Marie Dove, Newark
Debra Dunham, Toledo
Mary Frances Ehrdering, Fort William
Pamela Marie Ellinger, Ohio City
Janet Marie Emsen, Columbus
Joyce Lynne Faber, Sandusky
Sherry Renee Feinstein, Columbus
Leslie Anne Flowers, Cincinnati
Sharon Foskuhl, Dayton
Susan Mary Gamba, Columbus
Martha Hatt Greenyuke, Fort Recovery

Marta Sue Guilkey, Portsmouth
Suzanne Ruth Gutman, Dayton
Kristine Louise Haines, Canton
Kathy Winifred Hammons, Lima
Karen Lee Hazel, Kettering
Jo Ellen Helmlinger, Sidney
Mary Christine Heubach, Newark
Carl Jean Hoelscher, New Knoxville
Janet Lee Hoffman, Grove City
Joy Evelyn Hoffman, Columbus
Mary Donahue Hoeman, Toledo
Jankie Ellen Howlett, Atlanta, Ga.
Brenda Kaye Hutchinson, Batavia
Marie Theresa Hyne, Lancaster
Phyllis Nadine Janzon, Columbus
Dana Sue Johnson, Manhattan, Kan.
Monica Lucille Jorden, Massillon
Jane Bonifas Kahle, Kalida
Judith Ann Kaminski, Toledo
Eileen Mindy Kavesh, Wantagh, N.Y.
Regina Louise Kellar, Berlin Heights
Mary Therese Kelly, Columbus
Anne Richardis Knecht, Zanesville
Brenda Kay Kocher, Bucyrus
Laura Jo Lake, Columbus
Bonnie Campbell Lancaster, Berea
Kathleen Ann LaRue, Stoutsville
Fern Lev, Cleveland
Sharon Lynn Levandosky, Seven Hills
Cathy Lee Lewis, Newburgh, N.Y.
Andrea Susan Lieberman, Lake Success, N.Y.
Lois Elaine Leber, Mt. Vernon
Cynthia Ann Lord, Bowling Green
Cynthia Ann Loy, Botkins
Carol Elaine Macaulay, Columbus
Georgia Lynne MacNeill, Pittsburgh, Pa.
Debra Lynn Mager, Cleveland
Lydia Deane Mallott, New Concord
Barbara Ellen Manis, Spring Valley, N.Y.
Janis Elizabeth Maurer, Wooster
Margaret Ann Maurer, Columbus
Carol Ann Meegan, Geneva
Martha Louise Pendel, Columbus
Carolyn Rebecca Meranda, Georgetown
Carol Sue Miller, East Sparta
Marsha Elaine Moss, Columbus
Margaret Lynne Myers, Granville
Marvin Nachemson, West Hempstead, N.Y.
Nancy Alene Nice, Norton
Beth Ann Nichelson, Lima
Donna Monn Nichols, Shelby
Ellen Gail Nielson, University Heights
Janet Marilyn Obratil, Noxley
Marie Elena Orozco, Lorain
Robin Kuhrt Ort, Cleveland
Laurie Renee Osburn, Beachwood
Melanie Lynne Ostermeier, Midland

* Also Master of Science, Graduate School
** Also Bachelor of Science in Education, College of Education
Bachelor of Science in Nutrition

One candidate

Priscilla Lynn Alden, Wilmington

Bachelor of Science in
Restaurant Management

Four candidates

Dennis Harold Hodson, Euclid
James L. Hughes, Shaker Heights
Kenneth August Rath, South Euclid

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

One hundred and thirty-eight candidates

Dane Gordon Adams, Lagrange
B.S. (Ohio University)
Gary Richard Altman, Findlay
B.S.
Ronald Fred Arndt, Parma
B.A.
Richard William Aros, Lorain
B.A. (Ohio Northern University)
Howard Scott Ayle, Xenia
Gary R. Baughman, Zanesville
A.B. (Miami University)
Rodney Joel Beckett, Mt. Vernon
B.S. (Capital University)
Paul John Beegan, Cleveland
B.A. (Saint Vincent College)
Douglas Edward Beilstein, Mansfield
B.S. (Ashland College)
John Raymond Bonner, Elyria
Roger Lee Bookwalter, Mansfield
B.A. (Ohio Wesleyan University)
Gary Allen Clapham, Westerville
B.A.
Jeffrey Richard Clark, Columbus
B.A.
Raymond Edwin Cleary, III,
Cincinnati
B.A.
James Alan Cloyd, Elida
John Carl Cook, Jr., Van Wert
B.S.
Timothy David Cramer, Solon
B.A. (Adrian College)
Thomas Ross Cromwell, H Hicksville
B.S. (Bowling Green State
University)
Gerald Edward Dice, Tallmadge
B.S.
John Peter DiMaggio, Steubenville
B.A. (College of Steubenville)
David Nolan DiSalvo, Kettering
Lonnie Ray Doles, West Milton
B.S.
Ronald Edward Douglas, Cleveland
B.S.
Joseph Richard Dunlap, Toledo
A.B. (Miami University)

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Richard C. Dunlap, Jr., Toledo
B.S. (University of Toledo)

Ilmar Ezis, Findlay

Henry Nicholas Finelli, Jr., Columbus

Robert Jay Fish, Cambridge
B.S.

Paul C. Franklin, University Heights

John Robin Frische, Wapakoneta
B.S. (Ohio University)

Alan King Fulks, Athens

Charles Keith Fuqua, McComb
B.S.

John Amos Gasser, Smithville

Daniel Berl Goldberg, Columbus
B.S.

John Michael Golaski, Elyria
B.S. (Xavier University)

John Terrence Green, Marion
B.A.

Ronald Joseph Greene, Dayton
B.A. (Wright State University)

Rene William Grieselhuber, Hamilton
B.S.

Matthew Louis Hablitze, Fort Clinton
B.A.

Joe Hale, III, Akron
B.S. (Kent State University)

James Warren Hanna, Ashtabula
B.S.

Larry Dean Hard, Columbus

George Howard Henderson, Cincinnati
B.S. (Bowling Green State University)

Norbert Horst Hertl, Columbus
B.S.

Dain Joel Hodges, Columbus
B.A.

George Douglas Hoover, Oberlin
B.A. (Ohio Wesleyan University)

Robert Michael Hoyung, Troy
B.S. (University of Michigan)

Stephen Brian Hutchings, Yellow Springs
B.S. (Brigham Young University)

Byron George Jasper, Lancaster
B.S. (Ohio University)

Carl Ray Jeffery, Antwerp
B.S. (Bowling Green State University)

Vernon Ray Jones, Marion
B.A.

Edward Bruce Karltn, South Euclid
A.B. (Case Western Reserve University)

Daniel Lee Kaser, Sandusky

Barry Martin Kilfoil, Cincinnati
B.A. (College of the Holy Cross)

Herbert Brightman Kinney, Columbus
B.A. (Ohio Wesleyan University)

Paul Clifford Kitchin, III, Ravenna
B.S.

Robert Francis Knoeper, Youngstown
B.S.

Kenneth Leroy Kurtz, Lima
B.A. (Anderson College)

Wayne Howard Kurzman, Olmsted Falls
B.S. (Ohio University)

Brian Rolland Laceby, New Concord
B.A. (Muskingum College)

Patrick Joseph Lang, Columbus
B.A. (Case Western Reserve University)

Gordon Francis Leden, Cleveland
B.S. (Ohio University)

Donn Robert Liddington, Willard
B.A.

Michael Lipson, Cincinnati
B.A. (University of Cincinnati)

Allen Barry Lishawa, Cincinnati
A.B. (Miami University)

Lester Marc Lubitz, Cleveland
B.S.Bus.Adm.

Mark Albert Macke, Cincinnati
B.S. (Butler University)

Keith Thomas Madison, Willowick
B.S. (Cleveland State University)

Gary Harold Malowitz, Cincinnati
B.A. (University of Cincinnati)

Michael Harry Malowitz, Youngstown
B.S.

William Joseph Mangano, South Euclid

Michael Harlan Mann, Dayton
B.S.

Larry James Mardis, West Chester
B.S.

Fred Sheldon Margolis, Lorain
B.S.

Stanley Gordon Matthews, Dayton

Michael Joseph McDonnell, Dayton
B.S. (University of Dayton)

Michael Raymond McMahon, Youngstown

James Edwin Metz, Coshocton
B.S.

Richard Allen Miller, Cleveland

Thomas Anthony Montagnese, Lorain

Rodney Allan Moore, Dayton

Neal Conrad Murphy, Hinckley
B.A. (Kent State University)

Richard Lee Myers, Columbus
B.A. (Manchester College)

Daniel Christopher Norris, Columbus
B.S. (Bowling Green State University)

Greg Lee Offenburger, North Canton
B.A. (Kenyon College)

Loren Michael Petry, Akron

David Brooks Pierce, Falls Church, Va.
B.S., B.S.Ed.

Theodore Richard Pope, Delaware
B.S.

Richard Edward Prijatel, Cleveland

Daniel Walden Prust, Avon Lake

Carter White Rae, Toledo

David Nathan Rickey, Shaker Heights
B.A.

James Leo Riestenberg, Cleveland
B.S. (University of Notre Dame)

William Douglas Robertson, Granville
B.Cer.E.

Gary James Robinson, Toledo
B.A. (Ohio Wesleyan University)

Richard Douglas Rogers, Warren
B.A. (College of Wooster)

Herbert Knapp Rollins, Columbus
B.S.

Denis George Rubal, Wickliffe
B.A. (Case Western Reserve University)

John Thomas Ryan, Columbus
B.S. (Ohio Dominican College)

William Henry Schmidt, Xenia
B.A. (Miami University)

* Also Bachelor of Arts, College of the Arts and Science.
Certificate of Graduate Dental Hygienist

Eighty candidates

Diane White Atshier, Bellefontaine
Linda Diane Alexander, Woodfield
Beverly Grilliot Armstrong, Dayton
Susan Jane Bailey, Genoa
Sara Beth Baldock, Columbus
Brenda Lee Baskett, Youngstown
Christine Elise Baxler, Columbus
Linda Gail Beehman, Columbus
Susan Lawrence Black, Lancaster
Linda Marie Bowen, Columbus
Cathy Louise Carr, Fairborn
Janet Andrea Chaikin, Cincinnati
Diane Face Cloze, Youngstown
Carolyn Ann Conroy, Columbus
Theresa Lynn Dare, Cleveland
Virginia Kay Dell, Fostoria
Pamela Jane Dunham, Columbus
Connie Zimmerman Dunlap, Defiance
Sheila Gray Eberh, Chillicothe
Jo Ellen Galliers, Toledo
Elizabeth Mary Grabowski, Chardon
Sherry Rae Greenberg, Toledo
Kathy Jo Griner, Troy
Gayla Henderson Headley, Cambridge
Bernice Ruth Horbaly, Berea
Elizabeth Ann Howell, Woodfield
Mary Lynn Jackson, Mansfield
Deborah Lynn Johnsen, Cleveland Heights
Valerie Sue Johnson, Bellefontaine

Nita Louise Kasayan, Dayton
Janet Lee Kearney, Garrettsville
Kathleen Kelly, Columbus
Sue Ellen Keslar, Zanesville
B.A. (Southern Methodist University)
Brenda Sue King, Swanton
(Terry Catherine Kleven, Columbus
Sharon Irene Kopp, Newton Falls
Beverly Sue Kuhl, Mentor
Astrid Elisabeth Langell, Dillon, Colo.
Dorothy Dale LaProw, Cincinnati
Margaret Leyden, Toledo
Judith Ann Litvak, Cincinnati
Susan Ellen Litvak, Cincinnati
Lynn Ammeter Loch, Mansfield
Beth Ann Lymanslil, Defiance
Karen Jones Maguire, Columbus
Sharon Cecilia Mahoney, Columbus
Rita Kay Moomaw, Smithville
Tollye Morrison, Zanesville
Brenda Gail Pawlokski, Marietta
Betray Louise Pietola, Dayton
Terry Frentel Pittchford, Columbus
Diana Lynn Rarick, Millersport
Linda Jean Rath, Ashland
Susan Fayce Rosen, Hopedale
Adrienne Rich, Columbus
Beyo Sue Ries, Columbus
Roberta Lynn Robison, Matawan, N.J.
Carla Susan Rogers, Toledo
Barbara Ellen Ruiz, Dayton
Pamela Ann Scannell, Toledo
Dianne Huffman Schirzinger, Columbus
Carol Ann Shively, Cincinnati
Rhea Toby Silverman, Cincinnati
Barbara Jean Smith, North Canton
Carol Ann Smith, Centerville
Susan Louise Sosenko, Salem
Rebecca Ann Spline, Port Ludlow, Fla.
Catherine McCan Taylor, Lancaster
Janna Lee Taylor, Columbus
Susan Gaye Tedford, Cincinnati
Antoinette Sue Teje, Cincinnati
Victoria Lynne Thompson, Zanesville
Nancy Lee Tienam, Columbus
Barbara Macklin Wasileff, Columbus
Irene Elizabeth Williams, Massillon
Janet Louise Wilson, Dayton
Deborah Ann Wolff, Medina
Mary Ann Wood, Springfield
Katherine Weston Yager, Marion
Angela Marie Zucarrelli, Columbus

1 Also Bachelor of Arts, College of the Arts and Sciences
2 Also Bachelor of Science in Education, College of Education
College of Education
Dean: Luvern L. Cunningham

Bachelor of Science in Education
Nine hundred and ninety-five candidates

Robin Carey Abraham, Williston Park, N. Y.
* Doris Luposti Abrams, Chicago, Ill.
William Dean Ackerman, Columbus
Thomas Alan Adamec, Mansfield
Paulina Jackson Adams, Cincinnati
Nancy Ann Addison, Columbus
Barbara Terry Agin, Cleveland
Gerald Lee Aigner, Columbus
Roberta Lee Alleman, Mansfield
Connie Marie Allen, Xenia
Maureen Elizabeth Allerding, Loudonville
Pamela Jean Allerding, Columbus
Patricia Joann Allison, Columbus
John Michael Amann, Columbus
Lynn Amaral, Columbus
Alicia Christine Anderson, Madison
Donald Fern Anderson, Van Wert
Thomas James Andrews, Dayton
Diana Guy Ankrum, Chesapeake
Judith Reilly Arendasha, Medina
Linda Lee Arends, Columbus
Nancy Jo Ater, Clarksburg
Martha Shiplut At, Mansfield
Robbie Lynn Ayers, Columbus
Susan Elizabeth Bach, Belle Center
Curtis Wade Bacon, Lisbon
Holdis Anne Baetz, Cincinnati
Catherine Colledge Bailey, Bellville
Nancy Ness Bailey, Mansfield
Linda Lee Baker, Waldo
Deborah Lynn Balog, Walton Hills
Dale Allen Baptie, Chardon
Mark Alexander Barbee, Columbus
Susan Marie Barhorst, Columbus
Mary Smith Barker, Crestline
Jeanne Kehler Barnes, Sistersville, W. Va.
Susan LaFleur Barnhart, Columbus
Robin Lee Barnheiser, Dayton
Thomas Arthur Barton, Columbus
Steven Robert Basford, Columbus
Richard Allan Baskin, South Euclid
Cynthia Ann Bass, Canton
Rebecca Rickly Bassett, Columbus
Kristine Ann Batman, Stow
Thomas Frank Battista, Weirton, W. Va.
Melanie Jean Beck, Fairborn
Molly Beesley, Lancaster
B.A.
Cheryl Abbott Behnke, Columbus
Kathleen Alice Beining, Ottawa
Earl Leon Belgrave, Brooklyn, N. Y.
Edward Lloyd Bell, Jr., Columbus
Maureen Elizabeth Bell, Newark
Marjorie Lee Bennett, Mansfield
Ronald Edward Benning, Troy
Ronald Gene Benroth, Bluffton
Mary Freisthler Beneman, New Bremen
Karen Sue Benson, Bellville
Mary Haynes Bentley, Columbus
Susan Kibane Bergman, Columbus
Marcy Beth Berkowitz, Springfield, N. J.
Roberta Jean Berry, Mansfield
Steven Myers Best, Lyndhurst
Barbara Ann Bevan, Bucyrus
Daniel Lee Bevier, Willard
Maryann Caroline Bielawski, Cleveland
John Hooper Biggers, Columbus
Don Wayne Bilderback, Orrville
Sharone Sue Bifield, Cleveland
Glenna Sue Bish, Grove City
Penelope Ann Biss, Lima
Susan Wolfe Blaske, Columbus
Terry Ellis Bloch, Cleveland
Kathy Jo Block, Youngstown
Elizabeth Ann Blower, Grove City
Bruce Homer Boggs, Hilliard
Patricia Meinweird Bohmer, Lima
Patricia Kathleen Bohner, Cleveland
Cynthia Renée Bolte, Port Clinton
Donald Charles Boodey, Peninsula
William Keith Bookwalter, Findlay
Deborah Louise Booth, Youngstown
Rhonda Sue Bovdkein, Akron
Gregory Gordon Bouliwara, Columbus
Ralph Eugene Bowers, Dover
John Fredrick Bowman, II, Reynoldsburg
Gregory Allan Boyce, Mansfield
Mary Theresa Boylan, Freeport, N. Y.
Colleen Rae Braden, Garrettsville
Jean Louise Bradford, Hamilton
Julia Ann Brady, Oberlin
Susan Mitchell Brenich, Columbus
Kay Ellen Bremer, Toledo
John Michael Brennan, Columbus
Deborah Mead Brinker, Fremont
Steven Craig Brinkman, Grove City
Rebecca Ann Brockelbank, Hicksville
Kenneth George Brook, Granville
Barbara Jean Brooker, Cuyahoga Falls
Lance Eliot Brotthers, Cleveland
Roger Clark Brown, Westerville
Jeffrey Michael Brundage, Wantagh, N. Y.
Bernard Lesley Buckner, Cleveland
Barbara Neva Burgett, Columbus
Sherry Dawn Burk, Maumee
Cathy Hinton Burns, Plain City
Beverly Jane Burrey, Columbus
Jeanne Ellen Burris, New Bremen
Janet Monnett Burton, Columbus
Scott Edward Cackler, Delaware
Gale Virginia Cady, Newark
Robert Johnson Cady, Reynoldsburg
Dennis Edward Caldwell, Columbus
Barbara Lee Calendine, Columbus
Nancy Kay Campbell, Washington, D.C.
Richard Lee Caner, Columbus
Shirley Peyton Cannon, Columbus
Kimberly Allen Cappel, Port Washington
Cathaleen Carr, Grove City
Judith Ann Carter, Columbus
Patricia Cuzynski Carter, Columbus
Karen Jacqueline Caruso, East Meadow, N. Y.
Gerald Gene Casper, Harrod
Walter Gregory Casto, Columbus
Helen Jo Cavalier, Rocky River
Lauren Jaye Ceisler, North Bellmore, N. Y.
Barbara Scott Chafin, Parma
Kathleen Ann Chapin, Columbus
Linda Marie Chappo, Elyria
Roberta Lynn Chevrier, Columbus
Barbara Shoop Chrisman, Columbus
Nancy Ann Christine, Washington, N. J.
Robin Christy, Columbus
Constance Frederick Ciaes, Akron
Steven Jay Clark, Delphos
Amy Susanne Clarke, Fairborn
Daniel Joseph Clary, Columbus
Laura Neff Clary, Columbus
Dianne Louise Clayton, Sidney
Barbara Sue Cochran, Newark
Sue Ann Cochran, Columbus
Fredelle Elaine Cohen, Toledo
Laurie Jo Cohen, Louisville, Ky.
Marlene Celia Cohen, Canton
Robert Cohen, North Bellmore, N. Y.
Katherine Rebecca Colby, Mansfield
Candi Lee Colvin, Lima
Jen Allene Combs, Reynoldsburg
Judith Lynn Combs, Fairborn
Marlene Joy Comstock, Kenton

*Also Bachelor of Arts, Colleges of the Arts and Sciences
**Also Bachelor of Science in Natural Resources, College of Agriculture and Home Economics

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Barbara Fisher Conaway, Columbus
Leslie Herrel Connor, Columbus
Bonniebelle Wright Cook, Lima
Jane Elise Cook, Sidney
Sherelyn Sue Cook, Martins Ferry
Marion Louise Cooksey, Utica
Geneva Thompson Cornette, Columbus
Candace MacDonald Costas, Portsmouth
Charlene Maillet Counts, Portsmouth
Charles Leroy Courtwright, Columbus
Curtis Ray Cowan, Columbus
Linda Titus Cox, Marion
Saundra Dolores Cox, Cleveland
Sally Anne Cray, Kirtland
John Byron Cramblit, Lancaster
Molly Ann Cressor, Columbus
Ann Nugent Croft, Columbus
Karen Sue Cronies, Bucyrus
Jean Marie Crowley, Mansfield
Gail Maxine Cumming, Dayton
Richard Earl Curlett, Xenia
James Jay Cypher, Columbus
Patricia Ann Cypriya, Springfield
Susan Daas, Marion
Carol Sue Daniels, Westerville
Deborah Lynn Danzey, Berea
Clifford Ralph Davis, Upper Sandusky
Deborah Louise Davis, Columbus
James Clarence Davis, Columbus
Marilyn Tamaree Davis, Columbus
Pamela Sue Davis, Richwood
William Charles Desh, Toledo
Ruth Worley Dearth, Bellville
Jane McEwett Decker, Westerville
Margaret Ellen Deitch, Steubenville
JoAnne Deitz, Beachwood
Patricia Jo DeLong, Columbus
Michael John Demyan, Elyria
Jacqueline Spitz Derin, Columbus
Kathleen Gladys Devine, Worthington
Shelia Ellen Diamond, Cleveland
Denise Deborah Diedrich, Worthington
Carole Rita DiPietro, Columbus
Patricia Jean Dobson, Newark
Margaret Mary Dodds, Belleville
Sandra Fisher Doehler, Columbus
Karen Ann Doherty, Maumee
Christine Claire Dom, Cincinnati
Thomas Roger Dockery, Dayton
Denise Downs, Maxwell AFB, Ala.
Michael Eugene Doyle, Wilmington
Jacqueline Denise Dozier, Columbus
Susan Gail Driz, Euclid
Hulda Dryer, Coshocton
Elizabeth Ann Duff, Cambridge
Nancy Anne Duff, Cuyahoga Falls
Patricia Ann Duffy, Newark
Georgia Lee Dulan, Salem
Jayne Roberta Dunlap, Newark
Jack Smiley Durban, Columbus
John Joseph Dusseau, Toledo
Marcia Hart Duval, Springfield
Mary Alice Dygert, Lima
Janice Sue Early, Brookville
Jon Fredric Elbert, Dover
Patricia Ann Eccleston, Crestline
Harriet Ellen Edelman, Columbus
Mary Edmon, Greenwich, Conn.
James Michael Edwards, Marion
Sharon Moyer Eggeman, Mansfield
Susan Kay Eggen, Mansfield
Joan Leslie Elkan, Westbury, N. Y.
Jodi Lynn Emanuelsen, Columbus
Robert Lawrence England, Marion
Valerie Jo Enken, Youngstown
Daniel Edward Ennis, Columbus
Patricia Marie Ennis, Columbus
Ellen Florence Epstein, Bayonne, N. J.
Jacklyn Johnson Eschenbrenner, Columbus
James Mark Evans, Richmond
Marcela Gail Feckelman, Fairview Park
St. panice Keppler Faigle, Wapakoneta
Saundra Leslie Farmer, Cincinnati
Christine Ann Fehst, Joliet, Ill.
Kyle Lavern Feusner, Columbus
B.A.
Deborah Linda Fine, Cleveland
Michael Steven Pinks, Columbus
Howard Douglas Fitz, Seven Hills
Steven Philip Flank, Columbus
Patricia Jane Flannigan, Newark
Gaye Lynn Flax, Washington C.H.
Cris Elizabeth Fogle, Soddy, Tenn.
Beth Zientek Foley, Columbus
Katherine Louise Foor, Pataskala
Susan May Forbes, Columbus
B.A.
guy Stephen Forsythe, Plain City
Helen Leora Foxble, Cardington
James Clifford Fox, Mason
Jaquilynn Rae Foxxal, Heath
Thomas Lee Fraedich, North Olmsted
Sam William Frank, Columbus
Linda Lou Fraizer, Columbus
Cheryl Fulk Freeborn, Jeromeville
Ellen Rita Freedman, Pittsburgh, Pa.
Brenda Darroyl Freeman, Cincinnati
Catherine McLaughlin Frick, Centerville
Steven Farrell Friece, Columbus
Elizabeth Ann Frieden, Norfolk, Va.
Sandra Zimmerman Friedman, Columbus
Susan Milstein Friedman, Columbus
Pamela Ann Fryer, North Babylon, N. Y.
John Joseph Gainer, Columbus
Beth Ann Galbraith, Newark
Amelia Lavin Gallagher, Canton
Andrea Hope Gallin, Shaker Heights
Susan Alice Galvin, Cincinnati
Gary Gene Gamble, Van Wert
Thomas David Gaens, Greenwich
Glenn Harry Gardner, Worth
Kathleen Ann Garrison, Columbus
Barbara Joy Garson, University Heights
Ellen Beth Gartenberg, New York, N. Y.
Joy Elizabeth Gasser, Logan
Kathleen Kimble Gatchell, Lima
Kathy Dee Gay, Columbus
Cecile Martin Gebhart, Newark
Susan Rae Geller, Cincinnati
Margaret Anne Gentile, Columbus
Michael Edward Gerner, Dayton
Daniel Joseph Gero, Louisville
Ronald William Gherman, Marion
Cathy Gibbs, Orlando, Fla.
Gene Paul Gilchrist, Columbus
Lou Ann Gill, Waynesfield
John Raymond Ginters, Columbus
Jane Davis Gladwin, Columbus
B.S.
Sylvia Newman Glazer, Westbury, N. Y.
Marta Leigh Glynn, Portsmouth
Jacqueline Louise Golay, Cincinnati
Vicki Rose Goldenson, Chicago, Ill.
Arlene Harriet Goldfarb, Elmont, N. Y.
Ellen Rochelle Goldstein, Canton
Linda Hannah Goldstein, Cleveland
Gregory Goodman, Lakewood
Kathryn Grayson Gorchoff, Columbus
Carol Ann Gordon, Hillsboro
Jennifer Lynn Gordon, Elida
David Ray Gorenflo, Marion
Mary Louise Gramelt, Columbus
Cathy Lynn Grant, Gilmour, Ill.
Marilyn Kay Grant, Kettering
Janice Nicklaus Grashel, Columbus
Stephen Paul Grassbaugh, Mansfield
Harold Curtis Green, Columbus

* Also Bachelor of Arts, College of the Arts and Sciences
Penelope Stuckey Green, Marion  
Carrie Arlene Greenhut,  
Plainview, N. Y.  
Barbara Schuler Greetham, Marion  
James Craig Griffin, Delphos  
Candice Ruth Griffis, Russell Point  
Nina Ellen Grimes, Troy  
Kathleen Grimm, Sandusky  
Beverly Jean Grizzell, Columbus  
Deborah Ronna Gross, Pittsburgh, Pa.  
Mary Hannon Gross, Carrollton  
Anne Sylvia Grossman, South Euclid  
Linda Jane Grubbaugh, Galion  
Polly Sue Guarnieri, Plainview, N. Y.  
Margaretclothia Habeck, Worthington  
Celene Anne Hagens, Columbus  
Christina Wilson Hafford, Pataskala  
Marcia Kay Haines, Marion  
Linda Ann Hale, Fainesville  
Theresa Anne Haley, Belville  
Jimmie Hall, Columbus  
Stacey Lee Hall, Columbus  
Carolyn Hart Hancock, Ashland  
Neal Leonard Handler, Columbus  
Randy Fink Handler, Birmingham, Ala.  
Valerie Handlers, Rockville Centre, N. Y.  
Steve Richard Hanes, Columbus  
Sally Wolfendale Hannahs, Granville  
Pamela Lynn Harding, Garfield Heights  
Judith Marie Harmon, Louisville  
Thomas David Harrington, Columbus  
Carol Paine Harris, Columbus  
Denise Sue Harrison, Newark  
Cheryl Lynne Horsch, Fairview Park  
Janet Jo Hattings, Columbus  
Paula Judith Hartley, Hubbard  
Nancy Lee Harvey, Reynoldsburg  
Jennifer Susan Hatfield, Marion  
Carla Creamer Hawes, Galloway  
Anne Harriet Hayes, Steubenville  
Barbara Jean Hays, Martinsburg  
Patricia McCarty Heaton, Hillsboro  
Best Grad, Dent. Hyg.  
Bonnie Lou Heckert, Kokomo, Ind.  
George Clarence Heckler, Jt., Columbus  
Kenneth Allen Heil, Columbus  
Carol Wiley Hellman, Fort Jennings  
Charles Allen Henderson, Waynesville  
Karen Lynn Henke, Cincinnati  
Charlotte Kronemyer Hennacy, Columbus  
Joseph Bernard Herten, Cleveland  
Patricia Ann Hester, East Liverpool  
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Gladya Elias Schlossman, Mansfield
Deborah Kay Schmahl, Mansfield
Cecilia Marie Schmelzer, Newark
Michael Walter Schmidt, Cleveland
Marian Barrett Schmelter, Columbus
B.S. (University of Dayton)
Mark Julius Scholtz, Cleveland
Jean Marie Schorrer, Newark
Jeanine Eileen Schroeder, Parma
Susan Lynn Schroeder, Toledo
Jewel Bernice Schubert, Galion
Delores Miller Schultz, Piqua
Louise Adam Schultz, III, Sandusky
A.B. (Allegheny College)
Dale Lawrence Schwartz, New Bremen
Michael LeRoy Scott, Columbus
Susan Irene Scott, Van Wert
Susan Jane Secret, Columbus
Anita DeViter Seipel, Columbus
Kathleen Ann Setter, Prospect
Betty Luana Setz, Columbus
Judith Hamilton Senteri, Mansfield
Jean Mars Selters, Newark
Debra Keeton Shafley, Caldwell
Leslie Ann Shafran, Cleveland
Veronica Marie Shane, Richmond
Ellen Marsha Shapiro, Parkersburg, W. Va.
Connie Sue Sharon, Columbus
Leslie Ann Sharrock, Columbus
Dwena Marion Shaw, Columbus
Claudia Ann Shealy, Mt. Gilead
Anne McCullough Shepp, Marietta
Carolyn Claycombe Sheldon, Columbus
Richard Lee Shepherd, Shelby
Suzanne Shopard, Fairview
Carolyn Kay Sheriff, Ashland
Saundra Scott Shipp, Columbus
Laronay Ray Shoemaker, Newark
Kathleen Gay Shultsheim, Kettering
Rebecca Likel Shumaker, Columbus
Virginia Turner Sickles, Columbus
Karen Siemen, Pittsburgh, Pa.
Nancy Bowman Silvioies, Columbus
Robert Craig Simmons, Lima
Sharon Sue Sims, Columbus
Rosalie Maria Sirij, Columbus
Penny Renee Skolnik, Columbus
Anthony Stephen Skrabak, Bellaire
John Wesley Slagle, Columbus
Bonnie Linda Slater, New Hartford, N. Y.
Rebecca Sue Smalley, Jackson
Jeffrey Patrick Smalwood, Circleville
Katherine Marie Smelzer, Columbus
Martha Davison Smith, Johnstown
Mary Patricia Smith, Lima
Michael Eugene Smith, Columbus
Victoria Margaret Smith, Englewood
Certi. Grad Dent. Hyg.
Diana Rowe Snider, Marion
Loretta Westhoven Snyder, Liberty Center
Norma Dunbar Snyder, Lima
Sandra Lee Snyder, Elymore
Pamela Soh, Columbus
Helen Jesse Soifer, Hewlett, N. Y.
Jeffrey Andrew Soils, Columbus
Nora Jane Sokol, Dayton
Deborah Ann Solorzan, Martins Ferry
Phyllis Topolesky Solo, Columbus
Karen Jean Somowski, Kettering
Sharon Ann Soursley, Ada
Sara Ann South, New Albany
Marsha Lynn Sovash, Warren
Certi. Grad Dent. Hyg.
James Theodore Spahr, Powell
Harry Joseph Specter, Paterson, N. J.
Thomas Kroemer Speer, Worthington
Patsy Kay Spraw, Findlay
Janice Rose Sroubek, Hinckley
Debora Nelc Stacy, Columbus
Donna Carroll St. Clair, Pataskala
Lois Prunty Stevens, Columbus
B. A.
Donna Rae Stewart, Sidney
Linda Puckett Stickel, Columbus
Beverly Evans Stiles, Columbus
Sheri Lynn Sillers, Tallmadge
Nancy Pearl Sitzlein, Loudonville
Beverly Larson Stockberger, Columbus
David Eugene Stocker, Columbus
Lauranna Marie Stoll, Newark
Janet Miller Stover, Columbus
Judy Lee Strauss, Marion
William John Streeter, Lakeside
Terry Eugene Strege, Columbus
Pamela Joanne Stump, Lima
Judy Ann Stargous, Glenford
Linda Sue Suffon, Columbus
Stephanie Christine Summers, Oxford, N. J.
Kristine Marie Sweeney, Columbus
Mary Sue Suter, Columbus
Jack Edward Tamburello, Richmond Heights
Cathy Lynne Taylor, Steubenville
Sherry Lynn Taylor, Columbus
Marina Lina Telford, Lima
Kathy Jane Tellman, Lorain
Sheryl Ann Tenenbaum, Canton
Randi Teres, Matawan, N. J.
Timothy John Thissen, Columbus
Davidine Thomas, Urbana
Deborah Hummell Thomas, Columbus
Denise Sue Thom, Columbus Grove
David Lee Thompson, New Castle, Pa.
Diane Jean Thompson, Hanoverton
Kathryn Push Thompson, Lima
Nancy Kay Thorburn, Lima
John Richard Tillery, Whitelake, Ont., Canada
Deborah Sue Todd, Zaneville
Michael Kevin Tometes, Columbus
Jene Sue Tonkel, Toledo
Barbara Chaeyer Tope, Mt. Sterling
Barbara Jean Toy, Columbus
Teresa Frey Traphagen, Columbus
Gregory Daniel Trudeau, Columbus
Christine Sorchy Trussell, Columbus
Mercedes Tuckey, Cleveland
Delores Johnson Turner, Columbus
Diana Gail Turner, Mansfield
Cheryl Turner Tuning, Delphos
William Eugene Tuttle, Kimbolton
Daryl Richard Uhde, Columbus
Stephen Reed Ulrey, Columbus
Willa Gene Valdez, Columbus
Nancy Lee Van Buskirk, Worthington
James Michael Van Fleet, Columbus
Ellen Lee Van Horne, Tenafly, N. J.
Nina Smith Van Sylcke, Columbus
Emily Ann Vazquez, Galion
Ann Glauberg Verber, Columbus
William Eugene Vermillion, Lima
George Howard Vickers, Columbus
Susan Irene Vine, Trenton, N. J.
Chris Tina Vogel, Terre Haute, Ind.
Ursula Goetz Vogel, Columbus
Karen Wilshire Wade, Columbus
Angela Gitas Walker, Pittsburgh, Pa.
James Rose Wallace, Grove City
Carol Jean Wallin, Indianapolis, Ind.
Pamela Jo Walius, Grove City
Terence Joseph Walsh, Columbus
Carol Elizabeth Walter, Stow
Nancy Ann Ward, Cleveland
Joanne Lynn Wardle, Mansfield
Steven Paul Warner, Mansfield
Elizabeth White Warren, Columbus
Jeanne Susan Warve, Urbana
Denise Adele Washburn, Columbus
James Harold Washburn, Columbus
Sandra Yvonne Waters, Columbus
Debra Jo Weaver, Mansfield
Thelma Murray Weaver, Mt. Vernon
Paula Jayne Webb, Sidney
Dawn Frances Weber, Akron
Susan Clare Weber, Portsmouth
Karen Sue Weeks, Columbus
Judy Lee Veiler, Jean Ann James Carl Vehrman, Paul Lawrence Weingartner, Mansfield

Etta Savage Weintraub, Lima Gayle Ann Weisbrod, Canton Debrah Weiss, Woodmere, N. Y. Susan Ellen Weiss, Belle Harbor, N. Y. Barbara Gail Weissman, Columbus

Robert Paul Weiker, Columbus Gary Michael Wells, Huntsville Gerald Wayne Welsh, Oshawa, Ont., Canada

Marianne Rose Wenger, Reynoldsburg William Howard Werner, Sandusky Karen Shrives Wessel, Columbus Charles Logan West, Circleville Sharon Louise West, Cincinnati Lorraine Westerfield, Brook Park Caryl Ann Wheeler, Toledo Mary Wheeler, Genoa Linda Moore White, Columbus Michael Reed White, Cleveland Robert Dereck White, Columbus Patricia Anne Wilcox, Columbus Sandra Lee Wilday, Sheffield Lake Everett Randolph Wilkerson, Jr., Portsmouth


Rebecca Ann Winterland, Dayton Susan Marie Wiseman, Thornville Deanne Knaup Wittink, Worthington Kathleen Annette Wolf, Columbus Paul Lee Wolfe, Plain City Pamela Harp Wollam, Columbus Carol Randi Wolisky, Evanston, Ill. Deborah McNeal Wood, Columbus Cheryl Buchwalter Woodard, Columbus

Carol Orr Woodward, Youngstown Cathy Lee Woodward, Lima Carol De Stazio Workman, Columbus Denice Dee Workman, Columbus Mindy Barrar Worley, Columbus Diane Sue Wulf, Toledo Carolyn Elizabeth Wyatt, Cincinnati Sara Elaine Wynn, Canton Debra Diane Yager, Marion

Martha Anne Yale, Waynesfield Diane Marie Yankush, Youngstown Patrice Elaine Yessenow, Lima Dennis Lee Young, Grove City Jane Olivia Young, Willoughby Jane Patricia Young, Columbus Judith Dickinson Young, Columbus Cary Joel Zabell, Columbus Bernice Dorothy Zack, Columbus Melissa Zareich, Youngstown James Wayne Zarzyzki, Marion Karen Marie Zielinski, Urbana June Ann Zielinski, Parma Heights Kathleen Ann Zimmerman, Columbus Karen Frances Zuga, Vienna

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

Bachelor of Music Education
Twenty-nine candidates

Barbara Louise Baker, Columbus
Harold Dale Bradley, Georgetown
Roger Dean Brown, Worthington
Frances DiAnne Clay, Columbus
Mark Edwin Crandall, Sandusky
Susan Jo Easter, Columbus
Keith Alan Fifer, Springfield
Daniel Thomas Gendrich, Columbus
Sharon Cheek Grove, Delaware
Donald William Harman, Columbus
Larry Dee House, Barnesville
Barry Edward Kopetz, Columbus
Walter Robert Leonard, Logan
Gregory Eugene Mantor, Pataskala
Sue Ann Phillips, Dayton
Steven Cloyd Scherff, Mansfield
Linda Kay Shokey, Liberty Center
Patricia Louise Sique, Columbus
Mark Clinton Stull, Homer, N. Y.
Rebecca Anne Tanguan, Coldwater
James Rodney Tolliver, Clayton
RaMarie Whipple, Columbus
Patricia Ann Wieneck, Parma
Deborah Esther Winland, Zanesfield
Horia Margit Zbin, Cleveland

Ruthanne Tocci, Columbus
Beverly Sue Tucker, Dayton
Carole Lee Walters, Dayton
Joyce Weakley Watkins, Newark
Diane Hammer Weaver, Columbus
Lynn Reiter Weinberg, St. Louis, Mo.

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

Bachelor of Art Education
Thirty-four candidates

James Edward Allen, Mansfield
Shannon Springer Bardin, Columbus
Leslie Ann Stone Certner, Columbus
Rae Carol Cleary, Cleveland
Patricia Ann Cleek, Columbus
Ruth Chambers Cox, Columbus
Ann Suzan Dunker, New Washington
Frances Patricia Friedman, University Heights
Monte Eugene Garrabrant, Columbus
James Trent Hershman, Wadsworth
Leslie Diane Horvath, Trenton, N. J.
William Lee Jenkins, Centerburg
Nancy Ilene Joseph, Valley Stream, N. Y.
Linda Eileen Judy, Columbus
Marcia Ann King, Zanesville
Diane Leslie Klein, Clifton, N. J.
Susan Lines Leonard, Columbus
Ann Marie Lester, Canfield
Debra Zee Magalnick, Roslyn, N. Y.
Carol Sue McCoy, Washington C. H.
Peggy Siegrist Miller, Westerville
Michelle Louise Muller, Glenview, Ill.
Janet Leigh Oiney, Reechafer, N. Y.
Elizabeth Dale Pfefferle, Columbus
Maureen Pitchon, Riverdale, N. Y.
Gary Lee Reichenbach, Columbus
Joseph Anthony Schreier, II, Columbus
Margaret Gail Taylor, Columbus

* Also Bachelor of Arts, College of the Arts and Sciences
** Also Bachelor of Science in Natural Resources, College of Agriculture and Home Economics
† Also Bachelor of Fine Arts, College of the Arts and Sciences
‡ Also Bachelor of Music, College of the Arts and Sciences

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Bachelor of Science in Aeronautical and Astronautical Engineering
Eighteen candidates
Elwood LeRoy Berry, III, Marion
Mark T. Bottenfield, Chillicothe
Anthony Joseph Coppola, Smithtown, N. Y.
Michael Allen Culp, Columbus
Jonathan Byron Dann, Columbus
David Robert Dearth, Columbus
Kenneth Clarence Elber, Wapakoneta
Douglas Lee Howe, Columbus
Thomas Keith Meier, Hudson
Robert Edward Johnson, Orange, Conn.
Daniel Lee Presser, Columbus
Palle Rasmussen, Marblehead
Charles Charles Renn, Defiance
Gary Don Streby, Columbus
Charles John Thomas, Port Huron, Mich.
Gary David Trett, North Caldwell, N. J.
Michael George Ueheno, Middlefield
Bruce Emerson Wood, Columbus

Bachelor of Science in Ceramic Engineering
Five candidates
Richard Eugene Fouts, Philo
Scott Charles Hay, Poland
Paul Dennis Pratt, Belle Center
Monty Ray Rieger, Dover
William Rockland Welch, Columbus

Bachelor of Science in Civil Engineering
Thirty-nine candidates
John Hugh Hancock, Grove City
Richard Tobias Sanchez, Clayton, N. M.
B.S.C.E. (University of New Mexico)
Stephen Emil Yannan, Columbus
B.S.C.E.

Bachelor of Chemical Engineering
One candidate
Paul Brown Mount, II, Columbus

Bachelor of Science in Chemical Engineering
Twenty-nine candidates
Steve Matthew Benner, Springfield, Mo.
John Scott Biersteker, Columbus
Richard Emil Blake, Beaver
Vernon Glick Bolender, Jr., Lockbourne
John Christopher Best, Akron
Sidney Eric Bowes, Troy
Thomas Eugene Cleaving, Barnesville
Terry Lee Collett, Westerville
David Alan Dargan, Columbus
William Michael Fugel, Collins
Arthur Edward Garavaglia, Cincinnati
Clyde Ralph Garrett, Jr., Columbus
John Craig Groves, Toledo
Craig Alan Heselton, Columbus
William Clifford Kraft, Cincinnati
John Paul Kuch, Middletown
Eric James Link, Bexleyville
Donald Grant Lorentz, Woodbury, N. J.
Norman Franklin Lucas, Jr., Columbus
Hobby James Lutkins, Belford
Columbus Grove
Bruce Allen Scammon, Hilliard
Dale George Serian, Youngstown
Thomas Edward Spriggs, Columbus
Gary Robert Strickler, Columbus
Samuel Shiu Jang Tain, New York, N. Y.
Larry Donald Tanner, Columbus
Johnny Oliver Wright, Radnor
Paul Joseph Zerella, Youngstown

Bachelor of Science in Engineering
Four candidates
Richard Eugene Fouts, Philo
Scott Charles Hay, Poland
Paul Dennis Pratt, Belle Center
Monty Ray Rieger, Dover

Bachelor of Science in Engineering
Thirty candidates
Frank Wesley Anderson, Cambridge
David Henry Artman, Jr., Columbus
James William Bettis, Portsmouth
Marcus Wayne Bloomfield, Bucyrus
William Brian Burgett, Fredericktown
Richard Lynn DeWitt, Delaware
Edmond Andrew Dipluk, Lorain
Gregory Eugene Evans, Columbus
Charles William Flanigan, Columbus
Douglas Paul Fries, Indianapolis, Ind.
Jerry Randolph Garrison, Avon
Bernard Nathan Goldstein, Cleveland
Michael James Haines, Hilliard
Keith Martin Harshman, Forest Park
Richard Walter Hilscher, Columbus
Charles Robert Howard, Sabina
Jeffrey Alan Hubbard, Bremen
Dennis James Hamil, Norwalk
Ignatius Po-Chung Lam, Hong Kong
Robert Lee Lloyd, Strojker
Donald Franklin Lowry, Ashville
Arthur Thomas Martin, Jr., Wooster
Ronald L. Matthews, Westerville
James Donald McCrory, Stow
Thomas Joseph McDonald, Columbus
Joseph Michael Morbitzer, Columbus
Thomas Henry Printy, Fremont
Steven Allen Rath, Columbus
John Frederick River, Chillicothe
Michael Jay Robinson, Lancaster
Robert Kendall Sterling, Steins
Edward William Ulle, Patienceville
Paul Kevin Urban, Jefferson
Jeffrey Jay Venn, Marion
Barry Willis Waite, Lancaster
Ralph LeRoy Warner, Cambridge
Richard Michael Williams, Cuyahoga Falls
Gary Thomas Wiseman, Columbus

Civil Engineer
Three candidates
John Hugh Hancock, Grove City
B.S.C.E.
Richard Tobias Sanchez, Clayton, N. M.
B.S.C.E. (University of New Mexico)

Bachelor of Science in Civil Engineering
Thirteen candidates
Frank Wesley Anderson, Cambridge
David Henry Artman, Jr., Columbus
James William Bettis, Portsmouth
Marcus Wayne Bloomfield, Bucyrus
William Brian Burgett, Fredericktown
Richard Lynn DeWitt, Delaware
Edmond Andrew Dipluk, Lorain
Gregory Eugene Evans, Columbus
Charles William Flanigan, Columbus
Douglas Paul Fries, Indianapolis, Ind.
Jerry Randolph Garrison, Avon
Bernard Nathan Goldstein, Cleveland
Michael James Haines, Hilliard
Keith Martin Harshman, Forest Park
Richard Walter Hilscher, Columbus
Charles Robert Howard, Sabina
Jeffrey Alan Hubbard, Bremen
Dennis James Hamil, Norwalk
Ignatius Po-Chung Lam, Hong Kong
Robert Lee Lloyd, Strojker
Donald Franklin Lowry, Ashville
Arthur Thomas Martin, Jr., Wooster
Ronald L. Matthews, Westerville
James Donald McCrory, Stow
Thomas Joseph McDonald, Columbus
Joseph Michael Morbitzer, Columbus
Thomas Henry Printy, Fremont
Steven Allen Rath, Columbus
John Frederick River, Chillicothe
Michael Jay Robinson, Lancaster
Robert Kendall Sterling, Steins
Edward William Ulle, Patienceville
Paul Kevin Urban, Jefferson
Jeffrey Jay Venn, Marion
Barry Willis Waite, Lancaster
Ralph LeRoy Warner, Cambridge
Richard Michael Williams, Cuyahoga Falls
Gary Thomas Wiseman, Columbus
Bachelor of Science in Computer and Information Science
Twenty one candidates

Randy Allen Babb, Salem
David Henry Bailey, Marion
Charles Daniel Bergmann, Columbus
Daniel Robert Blazer, Columbus
Walter Ralph Conner, Columbus
David Joseph Elchert, New Riegel
Robert Winfield Francis, Columbus
David Richard Heck, Columbus
David Jay Holman, Columbus
Dennis John Jurkovich, Westlake
Neal Eduard Kaffen, Columbus
Chai Kittipailisak, Garden City, N. Y.
Thomas Jay Lentz, Columbus
Ronald Kemp McCrea, Columbus
Darrell Eugene Miller, Elida
George Joseph Novotney, Cleveland
Donald Richard Perkins, Columbus
Charles Frank Rieder, Columbus
Robert Francis Stech, Jr., Lyndhurst
Sam Herriek Walkow, Zanesville
John David Warbrow, Brookfield

Electrical Engineer
Three candidates

Mohammad Ali Hadjimehdi, Tehran, Iran
B.S. (University of Tehran)
Nithud Krisnachinda, Washington, D. C.
Diploma (Thornbury Technical Institute)
James Joseph Rede, Columbus
B.S. in Physics (University of Missouri)

Bachelor of Electrical Engineering
Four candidates

Edward Gudan, Lorain
*Thommas Lee Jones, New Albany
Randolph Floyd Juillard, Columbus
David Thomas Miller, Avonum

Bachelor of Science in Electrical Engineering
Forty-nine candidates

Michael Eugene Anderson, Columbus
John Douglas Bixus, Columbus
Paul Cowan, Urbana
Curtis Woodward Davis, III, Toledo
Joseph Henry Deeken, Columbus
Steven Loyd Eatherlton, Upper Sandusky
Paul Joseph Emmert, Thornville
Thomas Daniel Flach, Marion
Douglas Wayne Fowler, Columbus
Robert Donald Fulton, Columbus
Paul Joseph Goliver, Columbus
Rene Francisco Guerra, Columbus
Thomas Franklin Gueth, Greenville
David Mark Hein, Worthington
Robert Allen Hodd, Dover
Karl Raymond Inman, Columbus
Gerald John Kaufman, Jr., Broadview Heights
Larry Edward Larson, Columbus
Michael Allen Mahaffey, Columbus
Knes Martin Martin, Selinsgrove, Pa.
David Paul Metealf, Lucas
Dwight Lee Miller, Mt. Vernon
Jerry Patrick Miller, Columbus
Robert Lynn Miller, Mt. Blanchard
James Bray Moore, Jr., Columbus
Robert James Musal, Jr., Valley View
Lynn Edward Neel, Navarre
George William Neyman, Jr., Columbus
Joseph Allen Nicholls, Twinsburg
Stephen Thomas Noffke, Cincinnati
William Douglas Parsons, Uniontown
Leslie Alan Paugh, Columbus
Richard John Precario, Maple Heights
Michael Francis Rafferty, Columbus
Craig Stuart Robinson, Columbus
David Michael Rzasa, Lynchburg, Va.
Kevin Lee Schreiber, Columbus
John Daniel Scott, Columbus
John William Smith, Jr., Goshen
Gregory Alan Stobbs, Springfield
Eugene Raymond Strusson, Shadyside
Thomas Harold Sunkle, Granville
John Willis Testement, Columbus
Simon Anthony Tritschler, Columbus
Gerald Clayton Tucker, Marion
David William Wise, Newark
Terry Ock-Lee Yee, Columbus
Stephen Allen Yoder, Kidron
Gary Wayne Zimmerman, Cleveland

Bachelor of Science in Physics
One candidate

Austin Gale Young, Roseville

Bachelor of Science in Engineering Physics
Eight candidates

Don Edward Alexander, Trenton
Kevin Rae Crosthwaite, West Chester
Jan David Feder, Columbus
Robert Leland Hall, Columbus
Richard John Charles Kissel, Columbus
James Edward Mack, Independence
John Stephen Senseny, Parma
John Wilson Steidley, Cincinnati

Industrial Engineer
One candidate

Noriyoshi Yokota, Nagoya, Japan
B.A. (Keio University)

Bachelor of Science in Industrial Engineering
Sixteen candidates

Randall Lee Clady, Bucyrus
Stephen Homer Crank, Columbus
John Joseph Eyen, Cambridge
Craig Lee Franz, Deshler
Douglas Alan Harnett, Kinsman
Edward Guy Hoskinson, Lancaster
Benjamin Joseph Jones, Grove City
Robert Dale Jones, Columbus
Stephen Paul Kannen, North Olmsted
Robert Charles Kevern, Columbus
James John Marko, Mayfield Heights
John Richard McLaughlin, Columbus
Justin Joseph Murtz, Wapakoneta
Larry Don Prince, Lorain
Peter Atkins Schabo, Novelty
Richard Louis Suchek, Canton

Mechanical Engineer
Three candidates

Robby Engtjoan Jap, Columbus
Sardjana Teknik (Randung Institute of Technology, Indonesia)

* Al-Master of Science, Graduate School
Antoun Ibrahim Tawadrous, Sudan
B.S. (Ain Shams University, Egypt)
Larry Arthur Zielke, Columbus
B.S.E.E.

Bachelor of Mechanical Engineering

One candidate

* Wesley Roland Cox, Cincinnati

Bachelor of Science in Mechanical Engineering

Fifty-six candidates

Mark Joseph Albers, Maria Stein
Robert George Beenes, Delphos
David William Boye, Columbus
Richard Duane Ballock, Brookfield
Thomas Allan Casiani, Ashland
Neville Faulkfield, Van Wert
Jeffrey Arthur Cook, Columbus
John Anthony DeFrance, Richmond Heights
Eric Alan Devore, Lancaster
Keith William Douglas, Berea
Robert William Evans, Jr., Columbus
Robert John Fegoros, Poland
Gary Lynn Geolic, East Palestine
Edward Joseph Gordon, Columbus
John Francis Gray, Richmond
Bruce Jan Hampton, Akron
Joel Severn Hauser, Marletta
Max Gross Hacker, Columbus
Robert Richard Jackson, Newark
Larry Paul Koutz, Columbus
John Fox Kransberg, Columbus
John Rayder Kraus, Columbus
Danny Jerry Landorf, Columbus
Gregory Dale Lisk, Hilliard
James Michael MacKay, Columbus
Donald Owen Marshall, Columbus
David Paul Mayes, Canton
Paul William Meier, Columbus
Frederick Allen Mert, Riverdale, N.J.
Earnest Alvin Metz, Quincy
Richard James Nolan, Columbus
Roger John Nowak, East Springfield
John Adered O'Dea, Jr., Columbus
Ellis James Pauter, Bryan
Thomas Henry Rief, Dayton
Jack Bentley Shaffer, Painesville
Charles William Shiley, Gallion
Jack Edwin Smith, Urbieville

George Franklin Squires, Dayton
Robert Murray Stanley,
Martin Ferry
Edwin James Taylor, Bryan
Roger William Tsommaia, Columbus
Richard Quentin Wagner, Bellevue
Rudolf Weber, New Philadelphia
B.S.A.E.
Barry Clark Williams,
Niagara Falls, N.Y.
Donald Thomas Worthington, Hudson

Lawrence Robert Teichman, Cleveland
Paul Arthur Teichman, Columbus

School of Architecture

Bachelor of Science in Architecture

Thirty-nine candidates

Emmett Robert Barrett, Newark
Michael Ralph Benninger,
West Bloomfield, Mich.
Alan Bittman, Cleveland Heights
Albert Michael Batley, Columbus
R.A.
Sally Ann Cornek, Akron
Richard Lyle Cooper, Worthington
Jose Paul Cuelo, Columbus
James Joseph Davis, Columbus
Robert Eng, Flushing, N.Y.
Larry Eugene Folk, Columbus
H. Bradford Green,
Thunderbay, Ont., Canada
Paul Stephen Hinders, Brookville
Robert Christian Holt, Columbus
Curt Guy Howard, Columbus
Michael Joseph Ivanice, Hamilton
Lynd Dean Johnson, Columbus
Richard Joseph Kolhoff, Dayton
Robert Vincent Lashaway, Columbus
Barbara Ellen Luther,
Schenectady, N.Y.
Donald Lee Maxwell, Dunncannon, Pa.
Dennis Lee McBoogle, Worthington
Ronald Allen Miller, Youngstown
Curtis Jerome Moody, Columbus
Michael Paul Mosbrugger, Dayton
Thomas Richard Murchess,
Corning, N.Y.
Baron Joseph Nash, Dayton
Steven Robert Normand, Columbus
Charles James O'Brien, III, Columbus
Robert Edward Olson, Columbus
Michael Allen Oram, Columbus
A.B. (Harvard College)
Ward Peter Ponticelli,
Manchester, Conn.
Gary Robert Ratledge, Orrville
Alfred John Spangedom, Providence, R.I.
Philip Alan Thomas, Columbus
Frank Nelson Weber, Lorain
Raymond Scott Weiss, Hillsdale, N.J.
Michael Timothy Whaley, Ironton
Ralph Harry Wolfe, Cincinnati
James Michael Wright, Columbus

* Also Master of Science, Graduate School
Bachelor of Science in Landscape Architecture

Twelve candidates

Ralph Anthony Bernard, III, Columbus
Mark Christopher Fallon, Columbus
David George Hickman, Grove City
Janet Darner Lawver, Columbus
Thomas Lee Long, North Canton
Charles Gregory Muller, North Royalton
Elmer LeRoy Nelson, Amherst
Ronald Walter Opraddeek, Middleburg Heights
Leslie Lynn Rodman, Columbus
Fredric John Tomas, Canton, Mass.
Dennis Wilbur Turner, Kettering
Philip Eugene White, Canton
B.S.Agr. (Ohio University)

Juris Doctor

One hundred and eighty-four candidates

B.A. (Michigan State University)

John Harvey Allen, Ashland
A.B. (Ashland College)

Stephen Philip Allison, Akron
B.S.Bus.Adm.

Alan Garfield Anderson, Xenia
B.S. in Ed. (Wright State University)

Gordon Lee Ankeney, Kettering
B.S. in Bus.Adm. (Washington University)

B.A. (Valparaiso University)

Richard Wayne Avery, Cincinnati
B.A. (University of Cincinnati)

Howard D. Bader, Riverdale, N. Y.
B.A. (Adelphi University)

Craig Douglas Barclay, Newark
B.S.

Samuel Logan Barile, Parma
A.B. (Ohio University)

Robert Leslie Beals, Cleveland
A.B. (University of Michigan)

Kit Robin Becker, Brooklyn
B.B.A. (Ohio University)

Alan Nathan Bellman, Teledo
B.S. (University of Michigan)

Charles Kirby Bennett, Granville
B.A. (College of Wooster)

Michael Eugene Bernard, Kenton
B.A. (University of Notre Dame)

Jeanette Elaine Bialczak, Columbus
B.A.

Marilyn Enroth Bird, Seattle, Wash.
B.A. (University of Washington)

James Russell Blake, Poland
A.B. (Duke University)

Stephen Andrew Bogenschutz, Xenia
B.A. (University of North Carolina)

David Alan Bowers, Toledo
B.S.Ed.

Harold Edmund Brazil, Columbus
B.A.

Trevor Keith Buehler, Dover
A.B. (Wittenberg University)

Jack Patrick Bunce, Lebanon
B.S.Ed.

Edward Benedict Buonopane,
Summit, N. J.
B.A. (Ohio University)

John Andrew Burns, Columbus
B.A.

James Sternberger Cahn,
Shaker Heights
A.B. (University of Pennsylvania)

Thomas William Carton, Jr.,
Kettering
B.A. (Bowling Green State University)

Nick Vincent Cavalieri, Parma
B.A., B.S.Ed.

Andrew Knox Cherney, Fairfield
B.A. (University of the South)

Karen Gingrich Cherrington,
Columbus
B.S.Ed.

Edward Louis Clark, Akron
B.S.

Jeffery Michael Clery, Palatine, Ill.
A.B. (University of Notre Dame)

Mark Barry Cohn, University Heights
B.S.Bus.Adm.

Oakley Clark Collins, Jr., Ironon
A.B. (Ohio University)

Philip Monroe Collins, Athens
B.S.Ed. (Ohio University)

Tom Harvey Connolly, Columbus
B.A.

Robert Steven Connors, Aurora
A.B. (Ohio University)

Michael Dennis Coteur, Lorain
B.A., M.B.A. (University of Kentucky)

Robert Lewis Crane, Jr., Akron
B.A. (Miami University)

Gary Wayne Crim, Dayton
B.A. (New School for Social Research)

John Alan Cumming, Dayton
B.S. in Bus.Adm. (Bowling Green State University)

Edward Charles Czapur, Youngstown
A.B. (Youngstown State University)

Joseph Thomas Daetillo, Akron
B.A. (Kent State University)

David William Davis, Columbus
B.A.

Frederick Edward Davis, Jr.,
Yellow Springs
B.A., M.A.
William John Davis, East Liverpool
B.A.
Mark Decker, Columbus
B.A. (Ohio Dominican College)
Mark Eugene DeLong, Cleveland Heights
A.B. (John Carroll University)
Gregory Brian Denny, Maple Heights
B.S. in BusAdm. (Washington University)
Gregory Scott DeWolfe, Defiance
B.A.
Robert Arthur Dittman, Fremont
B.A. (Northwestern University)
Philip Louis Dembej, Rocky River
A.B. (Hillsdale College)
Allan Thompson Downen, Sidney
B.A. (Vanderbilt University)
Bruce Lee Downey, Johnstown
B.S.Bus.Adm. (Miami University)
Stanley Bruce Dritz, Euclid
B.A.
David Michael Dulwel, Dayton
B.S. in BusAdm. (University of Dayton)
Drake William Emmer, Lima
B.A. (Miami University)
Joseph Donald Epps, Jr., Akron
B.B.A. (Ohio University)
William George Fischer, Columbus
B.S.Bus.Adm. (Bowling Green State University)
Stephen Charles Fitch, Portsmouth
B.A.
Stephen David Freedman, Columbus
B.S.Ed.
Marc Richard Friedman, New York, N.Y.
B.A.
Daniel Karl Friend, Cleveland Heights
B.A.
Richard Arthur Frye, Cuyahoga Falls
A.B. (Wittenberg University)
Leslie James Garber, Los Angeles, Calif.
B.A. (University of California at Los Angeles)
John Marshall Garmhausen, Sidney
B.A. (Ohio Wesleyan University)
Michael Frederick George, St. Louis, Mo.
B.S.Bus. (Virginia Polytechnic Institute)
Mary Jane Goldthwaite, Columbus
B.A. (Smith College)
Geoffrey Steven Goll, Steubenville
B.A. (Denison University)
Terry Lee Goodman, Canton
B.A. (Otterbein College)
Mario Christopher Grant, North Olmsted
B.A.
B.S. in Ed. (Central Michigan University)
Charles Owen Green, Columbus
B.A.
Alden Edgar Gross, 111. Salem
B.A. (University of Notre Dame)
Robert Lee Gueth, Dayton
B.A.
Alan Paul Gustafson, Gowanda, N.Y.
B.A.
James Andrew Hammerschmidt, Moorestown, N.J.
B.A.
Rodney Dean Hanson, Granite Falls, Minn.
B.A. (Hamline University); M.A.
(Ohio University)
Michael Martin Haran, Columbus
B.A.
Thomas I. Hausman, Toledo
B.A. (University of Colorado)
John Charles Hemphill, Clarinda, Ia.
B.A. (Duke University)
Ronald Roy Henderson, Cleveland
B.S. (United States Naval Academy)
Donald James Hilliker, Bellefontaine
B.S.Bus.Adm.
Thomas Scott Hudson, Vandalia
B.S.Jour. (Ohio University)
Wayne Paul Hohenberger, Defiance
B.A. (Bowling Green State University)
Douglas Evind Hoover, Worthington
B.S.Bus.Adm.
Leonard Lima Hopkins, Jr., Columbus
B.S.Bus.Adm.
Thomas Leslie Horvath, Columbus
B.A.
James Parker Hunter, Jr., Pepper Pike
B.A. (University of Arizona)
Marc Bradley Inboden, East Sparta
B.A. (Otterbein College)
Carl Andrew Ireton, Kettering
B.B.A. (University of Notre Dame)
Simon Barry Karas, Lorain
B.A.
Bernard LeRoy Karr, Conneaut
B.S. in Ed. (Bowling Green State University)
George William Katz, Lakewood, N.J.
B.S. (Fairleigh Dickinson University)
Michael Morris Katz, Canton
B.A. (Purdue University)
Walter Kaufmann, Columbus
B.S.E.E.
Donald Kennicott, Lexington, Tenn.
B.A.
Terry Lee Kilgore, Bellville
B.A. (Wittenburg University)
Peter Dyche Kinder, St. Clairsville
A.B. (Princeton University)
Michael Joseph Kuhlman, Findlay
B.A.
Philip Eugene Langer, Dayton
B.A.
Alan Eliot Lebon, New Haven Conn.
B.A. (Adelphi University)
Carlisle George Lewis, Jr., Zanesville
B.A.
Gary Allan Liekfelt, Sandusky
B.S.Bus.Adm. (Bowling Green State University)
Thomas Arthur Linton, Columbus
B.A. (California State College at Fullerton)
Joseph Litvin, Dayton
B.S.E. (University of Michigan); M.S. (University of Cincinnati)
Joseph John LePresti, University Heights
B.B.A. (University of Notre Dame)
Curtis Alan Loveland, Poland
B.B.A. (Ohio University)
John Thomas Madigan, Toledo
B.A. (University of Windsor)
B.S. (Purdue University)
George Ray McCann, Springfield
B.A.
Timothy Craig McCann, Dayton
B.A.
Garnett Louise McDonough, Springfield B.S.Ed. (Wright State University)
James Dyer McIntire, South Charleston B.A. (Miami University)
Joe Gordon McKeever, Crooksville B.A. (Ohio University)
Thomas Craig McNinch, Trotwood B.A.
Nancy Jane Melia, Columbus B.A.
Thomas Anthony Melvin, Columbus B.A., D.D.S.
Richard Lee Merkel, Dillonvale B.S.
James Elder Michael, Jr., Gambier B.A. (Amherst College)
Robert LaVerne Miller, Mansfield B.A.
Steven Alan Miller, Columbus B.A. (Denison University)
John Thomas Mills, Canton B.A. (Ohio University)
David Allan Monroe, Findlay B.A.
Robert Lee Mowsls, Malvern B.A.
Jerry Karl Mueller, Jr., Lakewood B.S. (Case Western Reserve University)
Charles Dale Mullenix, Columbus B.S.Bus.Adm.
Timothy Edward Murphy, Columbus B.A.
Eugene Harold Nemitz, Jr., Jefferson B.A. (Wittenberg College)
Nancy Elizabeth North, Canal Winchester B.A.
Daniel Joseph O'Connor, Zanesville B.A. (Miami University); M.B.A. (University of Montana)
Fred McLauren Oxley, Ashland B.A. (Miami University)
David Alvin Penrod, Springfield, Va. B.A. (Bridgewater College)
Charles Michael Placentino, Marion B.A. (University of Notre Dame)
### Doctor of Medicine

Three hundred and forty-four candidates

<table>
<thead>
<tr>
<th>Name</th>
<th>College and University</th>
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<tr>
<td>Fred Martin Abramovitz, Cleveland</td>
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<td>Edward Duke Blackburn, Fredericktown</td>
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<td>Douglas Lyle Blocker, Canton</td>
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<td>Phillip Kohler Brooks, Columbus</td>
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William Kerr Butler, Wellston 
B.S.
Ronald Roy Campbell, Toledo 
B.A. (Antioch College)
Bruce Carter, New Plymouth 
B.S.
Andrew Joseph Catanzaro, London 
B.S.
Dennis Ray Colb, Euclid 
B.A. (Denison University)
Jeffrey Alan Chaitoff, Pepper Pike 
B.A. (Miami University)
Marvin Harvey Chasen, Dayton 
B.E.E. (City College, New York); M.S.E.E. (Air Force Institute of Technology)
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B.S.
William Ralph Cohen, Cleveland Heights 
B.S.
Kenneth Eugene Cole, Gallipolis 
B.A. (Cedarville College)
Ralph William Collins, Jr., Youngstown 
B.S.
Robert Elliott Collier, Dayton 
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Blaire Leo Congeni, Solon 
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Robert William Corwin, Dublin 
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B.A. (Case Western Reserve University)
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David Eric Cowall, Columbus 
B.S.
Robert Eugene Cowan, Alliance 
B.S.
John Francis Cullen, Jr., Southport, Conn. 
B.S.
Lee Roy Davis, Minerva 
B.S. (Mount Union College)
Kevyn Ferry Deal, Columbus 
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Gerald Robert Ehrsam, Toledo 
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David Edward Ebling, Fort Lauderdale, Fla. 
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Mark Richard Engelma, Columbus 
B.S.
Larry William Everhart, Columbus 
B.A.
Stephen Thomas Faehle, Columbus 
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B.S. (United States Air Force Academy)
Domenic Russel Federico, Cleveland 
A.B. (Case Western Reserve University)
Bruce Allen Fellows, Columbus 
B.S.
Joseph Martin Ferguson, Canton 
B.S. (University of Dayton)
Charles Wesley Ferris, Jr., Olmsted Falls 
A.B. (Case Western Reserve University)
Mark Samuel Fetman, Canton 
B.S. (McGill University)
Eric Bruce Fisher, Wapakoneta 
B.S.
Neil Munro Flynn, Los Angeles, Calif. 
B.A. (University of California, Los Angeles)
Anthony Ernest Foley, Dayton 
B.S. (University of Dayton)
Louis Christopher Foley, Middletown 
B.S. (Xavier University)
Arthur William Fox, Cleveland 
B.A. (University of Rochester)
Theodore D'Eston Fraker, Jr., Mansfield 
B.A. (Wittenberg University)
Deborah K. Frayney, Jefferson 
B.A. (Hiram College)
Marc Irving Gaines, Toledo 
B.S. (University of Toledo)
Marjorie Curtis Gallagher, Columbus 
A.B. (Mount Holyoke College)
Robert Eugene Gardner, Columbus 
A.B. (Earlham College)
Michael J. Gast, Park Forest, Ill. 
B.S. (University of Illinois)
Marc Howard Gertner, Columbus 
B.S. (University of Michigan)
Robert Edward Gieringer, Dayton 
B.S. (Denison University)
Gary Lee Gillen, Bellefontaine 
B.S.
Bogomir John Givan, Cleveland 
B.S. (John Carroll University)
James Morris Goldfarb, Cleveland 
B.A. (Miami University)
Joseph Alyousia Golish, Jr., Mentor 
B.S.
Edardo Gustavo Gomez, Applecreek 
B.S.
William George Goodman, Findlay 
B.S.
Stephen Myles Gorman, Jr., Berea 
B.S. (John Carroll University)
Robert Arthur Gormley, Barberton 
A.B. (Cornell University)
David Carl Gundlach, Washington C.H. 
A.B. (University of Detroit)
Carol Miller Hagberg, Lakewood 
A.B. (Miami University)
Robert David Hagberg, Euclid 
A.B. (Miami University)
Harry Stephen Halaska, Parma 
B.A. (Case Western Reserve University)
James Michael Hamilton, Columbus 
B.S.
Michael Kevin Haninger, Gabanna 
B.S.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Institution</th>
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<tr>
<td>Roy Edgar Harvey, III, Van Wert</td>
<td>B.S.</td>
<td>Bowling Green State University</td>
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<td>James Allan Hayes, Piqua</td>
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<td>University of Toledo</td>
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<td>Michael Riley Bregdy, Lima</td>
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<td>Richard Scott Heath, Cincinnati</td>
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<td>John Stephen Heisel, Marion</td>
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<td>William Dayton Henceroth, II, Grove City</td>
<td>B.A.</td>
<td>University of Findlay</td>
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<td>Roy Edgar Harvey, Jr., Canton</td>
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<td>William Chapman Holiday, Youngstown</td>
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<td>Michael Dale Holmes, Sandusky</td>
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<tr>
<td>Willa Ann Hsech, Columbus</td>
<td>B.S.</td>
<td>College of Wooster</td>
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<td>Roger James Hvcek, Cleveland</td>
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<td>James Robert Hulls, Columbus</td>
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<td>Xavier University</td>
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<td>Letha Yarko Hunter, Weirton, W. Va.</td>
<td>B.S.</td>
<td>University of Cincinnati</td>
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<tr>
<td>William Ward Hunter, Jr., Coshocton</td>
<td>D.V.M., M.S.</td>
<td>College of Veterinary Medicine and Surgery</td>
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<td>Charles Gary Hurst, Hamilton</td>
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<td>Terry Lee Irwin, Canton</td>
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<td>Yale University</td>
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<td>Arthur Russell Jacobs, New Rochelle, N. Y.</td>
<td>B.S.</td>
<td>Union College</td>
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<td>Rebecca Smith Jaffe, Solon</td>
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<td>College of Wooster</td>
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<td>Guy Vice Joubert, Springfield</td>
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Alan Robert Levinstone, Jersey City, N.J.
B.S. (Stevens Institute of Technology)
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James George Limbert, Dayton
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Everett Raymond Lindsey, Kenton
A.B. (Miami University)
Stephan Moore Lindsey, Oxford
A.B. (Youngstown State University)
Robert Lee Loysik, Warren
B.A. (Youngstown State University)
Kenneth Joseph Lucas, Garfield Heights
A.B. (Case Western Reserve University)
Anthony Ferdinand Lugo, Dayton
R.S. (University of Dayton)
Michael James Luzar, Girard
A.B. (Youngstown State University)
William James Lynch, Columbus
B.S. (John Carroll University)
Michael Stephen Mack, Toledo
B.S. (University of Toledo)
Alfred Parsons Magnes, II, Coshocton
R.A. (Denison University)
Linda Joyce Magnes, Coshocton
B.A. (Denison University)
*Ronald Emery Mako, Willoughby
Stuart Laurence Markowitz, South Euclid
A.B. (Case Western Reserve University)
Roxy Mareese, Jr., Akron
B.S. (University of Akron)
James William Marsh, Elyria
B.A. (Ohio Wesleyan University)
Thomas Hobbs Marsicano, Columbus
Christopher Raymond Martin, Sandusky
R.S. (Washington and Lee University)
Michael Donald Maves, Toledo
B.S. (University of Toledo)
Thomas George Meeks, Columbus
B.S. (Denison University)
Anthony Joseph Mcllranko, Cleveland
R.S.
Arne Molby, HI, Chagrin Falls
B.A. (Saint Olaf College)
Paul Michael Mendelman, Columbus
B.S.
David Strauss Mendelson, Gates Mills
A.B. (University of Michigan)
Deborah Schaefer Mendelson, Berea
B.A. (Vassar College)
Mark Irwin Menter, Columbus
B.A.
Howard Michael Miller, Dayton
B.S. (Ohio University)
Jacob Allen Miller, Hartville
B.A. (Eastern Mennonite College)
Francis Michael Minch, Kettering
B.S.
William George Mishler, Cleveland
B.A. (University of Dayton)
Mark Alyssia Mitchell, Columbus
B.A. (University of Notre Dame)
James Peter Mordzelewski, Cleveland
B.S. (University of Dayton); M.S.
Larry Alan Moore, Shreve
B.S.
Stephen Henry Morenz, Cincinnati
B.A. (Valparaiso University)
Jerry Meldon Morgan, Copley
B.S. (Ohio University)
Susan Kay Morris, Canton
B.A. (Case Western Reserve University)
Samuel Lee Moses, Cleveland
B.S. (Cleveland State University)
Joseph John Mravec, Canton
B.S.
Arlyn Faye Muhe, Youngstown
B.S. (University of Michigan)
John Jackson Munsell, Mansfield
Jay William Murphy, Canton
R.A. (Denison University)
Samuel George Murphy, Columbus
A.B. (Duque University); M.S. (North Carolina State University); Ph.D. (Albany Medical College)
Timothy James Myer, Canton
A.B. (University of Rochester)
Steven Naltsas, Akron
B.S.
Douglas Norman Nauerson, Dayton
B.S. (United States Air Force Academy)
James Thomas Nicklay, Elyria
B.S.
Judith Garlough Nickras, Springfield
B.S. (Bowling Green State University)
Lawrence Joseph Nyeste, Barberton
A.B. (Case Western Reserve University)
David Walter Olson, Doylestown
B.S. (Bowling Green State University)
Jean-Pierre O'Neal, Columbus
B.S. (Otterbein College)
Rory Mary Oser, Jr., Columbus
B.A. (Miami University)
Richard William O'Shaughnessy, Columbus
B.S.
Arthur Eric Ostergaard, Cuyahoga Falls
B.S. (University of Akron)
Thomas George Oyer, Wapakoneta
B.S.
Marc David Paris, Cleveland Heights
B.A. (Tulane University)
John Patrick Parker, Wadsworth
B.A. (Denison University)
Edward Kenneth Partya, Lorain
A.B. (Case Western Reserve University)
John Seiff Patterson, Millersburg
A.B. (Miami University)
Harry Bartholomew Pearce, Brecksville
B.S.
Thomas Patrick Perone, Columbus
B.S.
George Michael Pripol, Poland
B.S.
Thomas Andrew Ports, Columbus
A.B. (Case Western Reserve University)
John Elliott Pressor, Hamilton
B.S. (University of Michigan)
Paul Lawrence Quinter, Minster
B.S. (University of Cincinnati)
Thomas Michael Raabe, Delphos
B.S.
Patrick Louis Radecki, Toledo
B.S. (University of Toledo)
Thomas Edward Radecki, Toledo
B.S. (University of Toledo)
* Also Bachelor of Arts, College of the Arts and Science.
James Villiam Rautzen, Lyndhurst  
James Bruce Clifford Cincinnati  
Paul Alan Rehder, Raymond B. A.B. (Earlham  
A.B. (Asbury College)  
Roy Scott Ream, West Milton  
A.B. (Earlham College)  
James Bruce Rector, Lakewood  
B.A. (Ohio Wesleyan University)  
Douglas Allen Regula, Sulphur Springs  
B.A. (Ohio Wesleyan University)  
Paul Alan Rehder, Grove City  
B.S.  
Louis Henry Reiss, Gates Mills  
B.A. (College of the Holy Cross)  
Michael Louis Rekart, Delphos  
H.A.B. (Xavier University)  
William Jay Rheuban, Cleveland Heights  
B.A. (University of Rochester)  
Donna Marie Richardson, Berea  
B.S.  
Karen Sue Ritchie, Kettering  
B.A. (Graceland College)  
Michael Graeme Robinson, Hamilton  
B.A. (University of Dayton)  
Philip Alan Rogers, Piqua  
B.A. (Denison University)  
David Michael Rose, Columbus  
B.S.  
Gary Alan Roselle, Columbus  
B.S.  
Fred Bruce Rosenberg, University Heights  
A.B. (Washington University)  
Kenneth George Rosenthal, Euclid  
B.S.  
Martin Rand Rosenthal, Akron  
A.B. (Indiana University)  
Michael Roth, Columbus  
B.S.  
William Shannon Rothermel, Jr., Canton  
A.B. (Colgate University)  
Paul David Ruff, Lancaster  
B.A.  
Joseph Francis Savona, Brooklyn, N.Y.  
B.S. (Saint John’s University, Brooklyn, New York)  
Steven Ross Scholkm, Troy  
B.A. (Ohio Wesleyan University);  
M.S.  
Edward Franklin Schlegel, III, Coshocton  
B.S.  
Joseph Harold Schmidt, North Olmsted  
B.A.  
David Paul Schroeder, Mansfield  
B.A. (University of North Carolina)  
Joseph Charles Schultz, South Euclid  
B.S. (Ohio University)  
Thomas Owen Schwab, Hamilton  
B.A. (Miami University)  
Gary Stanley Setnik, Shaker Heights  
B.A. (Miami University)  
Sedat Selajdin Shaban, Mansfield  
B.S.  
Jay Hammond Shaffer, Greenfield  
B.A. (Dartmouth College)  
Pamela Zadinsky Silver, North Canton  
Dennis Robert Sinar, Elyria  
B.S. (Marquette University)  
Roy Eugene Smith, Warren  
B.S.  
Thomas George Smith, Akron  
B.S. (University of Akron)  
Dennis Lee Spanquiler, Cuyahoga Falls  
B.S. (Akron University)  
Mark Clarence Speelman, Crestline  
B.A. (Wittenberg University)  
Ronald Lee Spidel, Canton  
B.S. (University of Cincinnati)  
Lawrence Joseph Spolaric, Niles  
B.S. (Ohio University)  
Maureen Glattman Stark, Trotwood  
B.A.  
John Andrew Stith, Akron  
B.S. (United States Air Force Academy)  
David Greenless Stockwell, Marietta  
B.S. (Marietta College)  
George Aurel Stroza, Fairview Park  
A.B. (Miami University)  
Donald Louis Strobi, Cleveland  
B.S. (Cornell University)  
John Howard Stuckey, Hamilton  
A.B. (Miami University); M.A.T.  
(Emory University)  
John Richard Swartzel, Tallmadge  
B.S. (Ohio University)  
James Edward Szynanowski, Fremont  
B.S. (University of Notre Dame)  
James Clifford Taddeo, Cleveland  
B.S. (Ohio University)  
Thom Augustine Tarquinio, Reynoldsburg  
B.S.  
Philip Bernard Tettiebaum, Toledo  
B.S. (University of Toledo)  
Bruce Richard Thomas, Alliance  
B.S. (University of Notre Dame)  
Georgia Anne Thomas, Westlake  
A.B. (Smith College)  
James Edward Thomasson, Smithfield  
B.A. (Ohio Wesleyan University);  
M.S.  
Charles Lynn Thompson, Columbus  
B.S.  
Jeffrey Allen Todd, Columbus  
B.S. (John Carroll University)  
Maury K. Topolosky, Columbus  
B.S.  
Leonard Joseph Torok, Parma  
A.B. (Case Western Reserve University)  
Ronald Edward Trafeant, Youngstown  
B.S. (Ohio University)  
Robert Calvin Turner, St. Clairsville  
B.S. (Bethany College)  
Gregory Stuart Uhl, Worthington  
B.A.  
John Andrew Uhl, Findlay  
David Orville Utery, Springfield  
B.A. (Kenyon College)  
Thomas Robert Vajen, Napoleon  
B.S.  
Paul Francis VanAustral, Dayton  
A.B. (Miami University)  
Dean Wade Varian, East Canton  
B.S. (Mount Union College)  
Phyllis Joan Viscom, Windham  
A.B. (Oberlin College)  
Robert Sherwood Wagner, Columbus  
B.A. (Northwestern University)
Steven Michael Wagner, Toledo
B.S. (University of Toledo)
Richard Frank Walker, Jr., Dayton
B.S.
Pei Lien Wang, Fairport Harbor
B.S. (Case Western Reserve University)
James Michael Ward, Jr., Loveland
B.S.
Gregory James Warth, Columbus
B.S. (Ohio University)
Charles Howard Webb, Lima
B.A. (College of Wooster)
Sandra Mari Lepine, Columbus
B.A. (Miami University)
Richard Frank Wiechers, Columbus
B.S. (University of Pittsburgh)
Michael Frank Weizenberg, Akron
B.S. (Washington and Jefferson College)
Dale Michael Wiedemer, Mansfield
B.S. (Heidelberg College)
Abraham Weizenberg, Akron
B.S. (University of Akron)
Michael Craig Welch, Columbus
B.A. (Wittenberg University)
John James Wheller, Garfield Heights
B.A. (Kent State University)
David Oscar Wiechers, Columbus
B.S. (Capital University)
David Hall Wiedemer, Mansfield
A.B. (Cornell University)
Samuel J. Williams, II, Columbus
B.A. (Asbury College, Kentucky)
Jay Curtis Williamson, Niles
B.S. (Ohio University)
Frank Edward Wilson, Columbus
B.S. (University of Pittsburgh)
Stanley Clayton Wilson, Columbus
B.S. (Ohio University)
James Bryan Wolcott, Cuyahoga Falls
A.B. (Dartmouth College)
Stanley K. Yarnell, Wooster
B.S.
Jeffrey Wayne Yatsko, Richmond Heights
B.A. (Hiram College)
Daryl Hoak Yoder, Springfield
B.A. (Anderson College)

James Richard Ziegler, Jr., Cleveland
B.S. (Heidelberg College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions
One hundred and seven candidates

Marcella Ann Aceto,
Wheeling, W. Va.
Tina Stolarski Amadio, Columbus
Janis Wittmeyer Anthes, Springfield
Robert Eugene Baker, Moscow
Micaela Barbara Jean Banks, Avon Lake
Peter Douglas Bartkiewicz, Hamilton, Ont., Canada
Marilyn Sue Becker, London
Joy Ada Best, Tiffin
Alice Louise Bossem, Cuyahoga Falls
Brenda Marie Bossett, Columbus
Julie Ann Brewer, Columbus
Linda Candl Brokeron, Columbus
Margaret Ann Bruns, Yorkshire
Sharon Lee Coy, Wauseon
Marsh Kay Cummings, Columbus
Kathleen Riley D'Amico, Toledo
Connie Graham Dickerson, Delware
Martha Jane Dickerson, Worthington
Marilyn Kay Dilsaver, Galion
Barrett Lindsey Dorko, Westlake
Kathleen Susan Dougerty, Tacoma, Wash.
Cynthia Jean Dovala, Youngstown
Mary Elizabeth Dudash, Dayton
Linda LaMonica Everly, Columbus
Mary Ann Fedun, Woodbridge, N. J.
Mark Joseph Fernandez, Louisville
Elaine Marie Flahs, Cincinnati
Phyllis Gail Fletcher, Fresh Meadows, N. Y.
Vicki Ann Flinn, Fairfield
Sandra Louise Flynn, Avon Lake
Kimberly Rue Focht, Columbus
Michael Alan Fried, Youngstown
Elahel Golji, Chillicothe
Irene Judith Golub, Woodbridge, N. J.
Daniel Ray Hall, Ravenna
Sandra Kanter Halprin, Cleveland Heights
Thomas Anthony Hampel, Middletown
Linnea Fowler Hopewell, Danville, N. H.

Marilyn Margaret Hribar, Euclid
James Leslie Hull, Mansfield
Donna Louise Jacobs, Dayton
Joe David Jerome, Van Wert
Laurie McDonald Jessup, Akron
Helen Margaret Johansen, Cleveland
Richard Joseph Jurvic, Atlanta, Ga.
Barbara Louise Keller, Cincinnati
Robert Paul Kelley, Mentor
Patricia Sue Kendall, Cleveland
Linda Kay King, Washington C. H.
Alice Kortyna, Broadview Heights
Gerard Anthony Langeman, Columbus
Sandra Marie Letestuk, Columbus
Shelagh Roberton Macpherson, Columbus
Norman Richard Marston, Worthington
Mary Jo McCowan, Marietta
Karen Hall Mears, Toledo
Michael David Mericle, Van Buren
Mark Frederick Miller, Columbus
Susan Elaine Miller, Lexington, Ky.
Robert Scott Modie, Euclid
Carla Mary Moon, Berlin Heights
Louise Marie Morozoff, Maple Heights
Cheryl Heischman Moyer, Postoria
Gail Elizabeth Murchie, North Vancouver, B. C., Canada
Susan Stein Muskopf, Canton
Kathleen Louise Newman, Canton
Suzann Lorene Oakes, Luevsville
Barbara Shirley O'Brien, Dayton
Christine Frances Opek, Nortn Village
Brad Douglas Ostrom, Youngstown
John Julius Palazzo, Columbus
Krista Jean Paoletti, Columbus
Rebecca Ann Prendergast, Waynesville
Leslie Jeanne Reinman, Youngstown
Nancy Jean Remeker, Hamilton
Christopher Lee Riley, Stow
Midred Joan Rinheart, Columbus
Victoria Marie Rinheart, Columbus
Janet Lee Rochester, Columbus
Cheryl Marie Sears, Canton
Miriam Grace Sell, Dayton
Charlotte Ann Simmons, Cleve
Gary Dean Smith, Marietta
Patricia Jean Smith, Orrville
Kimberley Kay Somers, Mentor
Joyce Ann Springer, New Washington
Debra Caserta Stark, Marion
Linda Lee Stein, Bellville
Vicki Sue Stevenson, Galion
Jane Ann Straubbaugh, Columbus
Rebecca Ann Swerlein, Sycamore
Deores Taylor, Cleveland

576
Patricia Anne Ternes, Elyria
Daniel Bradley Terrell, Elyria
Karen Stuart Terry, Refored, N. Y.
Michael Joseph Tuscan, Galion
Patrice Anne Van Keuren, Wooster
Valerie Janie Vogelsong, Iron ton
Patricia Ann Weaver, Hamilton
Ann Elizabeth West, Marietta
Douglas Harper Wickham, Delaware
Mildred Melinda Williams, Waverly
Barbara Anne Wingert, Fairview Park
Sandra Rae Wohlever, Sandusky
Mary Christine Zestermann, Cincinnati

Certificate of Nurse Anesthetist

Four candidates

Kenneth Charles Evere, Zanesville
Patrick William Ferry, Kettering
Penelope Ann Kettlewell, Clearfield, Utah
Janice Louise Weiss, Cleveland

School of Nursing

Bachelor of Science in Nursing

One hundred and five candidates

Robyn Lee Alsopach, Columbus
Nancy Jean Amacher, Euclid
Barbara Anderegg, Cincinnati
Anne Jeanette Anderson, Columbus
Barbara Jean Anderson, Glencoe, Ill.
Mary Jane Andrews, Baltic
Janet Carol Baker, Massillon
Florences Hahl Balogh, Hilliard
Susan Marie Basta, Macedonia
Cynthia Caryl Baumbach, Fairview Park
Christine Lee Bayles, Hudson
Anne Elizabeth Beaver, Xenia
Elizabeth Bricker Bokelman, Port Wayne, Ind.
Frances Elizabeth Boose, Monroeville
Cynthia Anne Bosworth, Canton
Lorraine Ellen Brainerd, Stillwater
Linda Suzanne Bross, Mansfield
Gail Ann Burchfield, Red Bluff, Calif.
Janet Rebecca Cheyfitz, Cleveland

Mary Patricia Clear, New Vienna
Susanna Shaune Corbett, Gahanna
Sheila Marie Corman, Columbus
Helen MaeMahon Davidson, Springfield
Molly McConnell DeHaas, Youngstown
Stefanie Marie DeNiro, Youngstown
Patricia Ann Dolan, Cincinnati
Ruth Ingraham Donaldson, Columbus
Marie Louise Eckenrode, North Canton
Cheryl Ann Eichel, Dover
Nancy Reif Elson, Strongsville
Denise Dominique Enterline, Oregon
Susan Jane Feldscher, North Canton
Alice Beck Forgrave, Wharton
Bonnie McClaLaughlin Glendorn, Columbus

Carol Mount Halliday, Washington C. H.
Ann Leslie Hamilton, Marietta
Carolyn Joyce Hamilton, Caledonia
Susan Kay Harshman, Cuyahoga Falls
Kristina Margaret Hatas, Perrysburg
Nancy Kay Hinerman, Carrollton
Luretta Johnson Holland, Canton
Susan Kay Hootman, Pittsburgh, Pa.
Lynn Norma Huemmrich, Wilmington, Del.
Pamela Jo Hull, Toledo
Diane Elaine Hunt, Canton
Betty Sue Isner, Canton
Karen Lynn Jeffers, Columbus
Kathy Elizabeth Johnson, Eaton
Laurie Elizabeth Kaps, Cincinnati
Mary Kaufman, University Heights
Constance Clark Killen, Centerville
Cheryl Ann Knuzal, Garretsville
Mary Kathleen Klumnik, Mentor
Susan Lynn Kniizer, Centerville
Sandra Michelle Konieczny, Miramar, Fla.
Jill Lynn Kovarik, Perrysburg
Nancy Sue Kramer, Clarkesburg, W. Va.
Rochelle Linda Kwalt, University Heights
Deborah VanSant Lavelle, Dayton
Virginia Cline Livingston, Columbus
Martha Marlene Lyon, Caledonia
Jill Eva Manassa, Akron
Mary Patricia McCarthy, Fairview Park
Mary Susan McIntosh, Youngstown
Nancy Mintz Mealam, University Heights

Vicki Jo Mizer, Delta
Kathleen Elizabeth Montgomery, Delaware
B. A. (Ohio Wesleyan University)
Susan Jane Moore, Warren
Molly Jean Moran, New Philadelphia
Patricia Ann Murphy, Columbus
Carol Boyd Myers, Columbus
Susan Jacqueline Obreza, Euclid
Zandra Esminger Ohrl, Zanesville
Sheryl Gaye Pincus, Youngstown
Nancy Clare Presser, Gahanna
Karen Lee Reiff, Mansfield
Bernadette Marie Reva, Lorain
Edward Joseph Ridolfo, Columbus
Jo Anne Ritter, South Euclid
Rebecca Suzanne Roof, Bowling Green
Mary Constance Roudal, Kettering
Janice Vivian Ryan, Waynesville
Joyce Elaine Schnarrnberger, Tiffin
Valerie Ann Scott, Amherst
Margaret Stone Siemer, Salem
Marie Ochovy Spero, Cleveland
Sally Gwirtz Steward, Shelby
Karen Kay Strait, Bryan
Nancy Rose Swank, Newark
Sandra Ranttila Taylor, Columbus
Molly Louise Thomas, Lancaster
Debra Denise Thurber, Columbus
Debra Allyn Trimble, Warren
Diana Lee Turner, Columbus
Linda Pyle Tuttle, Westerville
Wanda Faye Wagers, Columbus
Patricia Kay Watterson, Parma
Rebecca Marie Weaver, Dorset
Vickey Lee Weir, Dayton
Sarah Deering Weils, Newark
Constance Higley Wiener, Oregon
Elizabeth Anne Williams, Barberton
Bonnie Sue Williston, Plymouth
Carla Diane Workman, Columbus
Linda Ruth Zipp, Cleveland Heights

577
Doctor of Optometry
Forty-three candidates

Robert John Alexejun, Schofield, Wis.
Lawrence John Alto, Monroe, Mich.
Jerry Ray Burger, Akron
Michael Terry Cady, Pontiac, Mich.
Richard Thomas Corea, Niles B.A. (Saint Joseph's College, Indiana)
James Alyn Cox, Dover B.S.
Carl David Dodson, Zanesville
Tommy Paul Duncan, Niles
David Ralph Erhard, Pittsburgh, Pa.
Robert A. Heacock, Cuyahoga Falls
Larry Chris Henry, East Brady, Pa.
Paul Stephen Hornik, Broadview Heights
Terry L. Huston, Napoleon
Dennis David Knowles, Chillicothe B.S.
Gregory Paul Kracher, Bear, Del.
Dennis Richard Laub, Bellevue
Marilyn Faye Leubitz, Akron B.S.
Milton Cornel Mason, Waterford B.S.
Michael C. McClay, Ottawa, Kan.
Thomas J. Moonaw, Sugarcreek B.S.
Ronald Carl Nelson, Stow B.A. (Kent State University)
Daniel Joseph Niederkohr, Upper Sandusky
David Jay Reimow, New York, N. Y.
Preston P. Richmond, Belpre
Mark Howard Rinkov, Columbus Paulette Patricia Schmidt, Mt. Horeb, Wis., B.S.
Rolf D. Schoder, II, Caldwell, Id. B.S. (College of Idaho)
Joseph Samuel Serian, Fairmont, W. Va.
Brian Joseph Sheatzley, Cincinnati
Robert A. Skowbo, Hamilton
Robert David Spruance, Fairborn
David Kenneth Stewart, Alpha
Jeffrey Lyn Timko, St. Clairsville
Glen Allen Whitehead, Bellevue
Gary L. Williams, Bay Village B.S.
Philip Marvin Wing, Cincinnati
Christopher John Wolf, Mechanicsburg B.S., Agr.
Jack Joseph Yager, Frankfort B.S. (Ohio University)

Bachelor of Science in Pharmacy
Sixty-three candidates

James Alan Baker, Louisville
John Joseph Bardin, Canton
Thomas Allen Bartley, Columbus B.S.
Patricia Griffith Bertheaud, Youngstown
George Michael Besnak, Lorain
Gary DeWayne Boyd, New Lexington
Edward Arthur Braytenbah, Kensington, Md.
Dolbert Gordon Brown, Crestline
Boryll Gay Cohen, Dover
Steven Allen Coutts, Port Washington
James Lewis Colberston, Grove City B.S.
Richard Dwight Dawson, Mingo Junction
Mary Tanoury Ellis, Zanesville
Thomas John Engle, Cincinnati
David Allen Fairchild, Columbus B.S.
Michael Robert Gecewich, Wickliffe
Steven Emery Guba, Cleveland Frances Pim Hill, Salem
James Hartley Hill, Caldwell B.S. (Kent State University)
Edward Clarence Hohman, Caldwell
David Lynn Hopkins, Cortland
Anthony Jacekow, Columbus
Edward Frank Jirk, Jr., Columbus
David Stewart Joseph, Columbus
David Justin Kals, Elyria
John Albert Kunze, Columbia Station B.S.
Silmond Lok, Columbus
Carrice Lipar Mercer, Bay Village
Lynn Lee Michener, Eastlake
John Frank Mingo, Campbell
Nora Jean Moyer, Germantown
David Anthony Murray, Bellaire

College of Optometry
Dean: Frederick W. Hebbard

College of Pharmacy
Dean: Lloyd M. Parks
College of Veterinary Medicine
Acting Dean: C. Roger Smith, D.V.M.

Ninety-three candidates

- Larry John Anliker, Steubenville
- Joe Stephen Bailey, Thornville
- Gene Ray Balsey, Antwerp
- Timothy Ralph Barman, Monroeville
- John Michael Barnes, New Martinsville, W. Va.
- Mark Alan Basinger, Columbus Grove B.S.Agr.
- David Harold Bauman, Cincinnati B.S.Agr.
- Robert Lee Baumann, Amherst B.S.Agr.
- Thomas Charles Black, Perryburg
- Earl Mylos Boralsh, Lynn, Mass.
- John William Boros, Rocky River
- Harold Leslie Brown, Xenia
- James Wyatt Carmichael, Columbus B.S. (West Virginia University)
- William Fredrick Cheney, Cleveland Heights
- Gary Lee Clemens, Cincinnati B.S.Agr.
- Judith McNally Clemens, Zanesville
- Thomas Lee Cliffo, Poland B.A. (Youngstown University)
- Paul Herbert Coe, Miami, Fla.
- Joseph Albert Creech, Zanesville
- Joseph William Crow, Jr., Louisville
- Jack Robert Crow, Oregon
- Douglas Earl Cunningham, Alliance
- Ned Alan Cunningham, Marysville
- Thomas James Cuzick, Jr., Cleveland B.S.Agr.
- Lonnie Lee Davis, Xenia B.S.Agr.
- Novita Charlene Deckard, Dayton
- David Joseph Donofrio, Akron
- Samuel McMurray Fassig, York, Neb. B.S.Agr. (University of Nebraska)
- Ivan Lee Filimore, Macedon B.A. (Antioch College)
- Marcia Yale Fleming, Cincinnati B.S.Agr. (Antioch College)
- Lawrence Edward Forsthofer, Avon B.S.Agr.

- William Martin Gesel, Dayton B.S.Agr.
- John Lawrence Green, Akron B.S.
- Martin David Griffin, Bremen B.A. (Huntington College)
- Paul Joseph Haas, Chardon B.S.
- Richard Patrick Hackett, Jr., London B.S.
- Clenric Guy Hancock, Lebanon B.S.
- Betty Rosemarie Harper, Willoughby B.S.
- Jerry Axton Harris, Brecksville B.S.
- Sandra Johns Harris, Irwin, Pa.
- Kenneth Sherer Hay, Columbus B.S.
- Thomas Henry Herdt, Blacklick B.S.Agr.
- Gary Rhodes Holzheimer, Troy B.S.
- Carroll Dean Howman, Mansfield B.S.
- William Edward Iman, Jr., Morgantown, W. Va. B.S. (West Virginia University)
- Daryl Lynn Jacobs, Columbus B.S.
- Robert Michael Kahan, Columbus B.S.
- Charles Frederick Kalb, New Washington B.S.
- Gary Lee Keller, Cincinnati B.S. (Eastern Kentucky State University)
- Mary Constance Kelley, Worthington B.S.Agr.
- David Robert Kluesener, Cincinnati B.S.
- David Scott Kocher, Fairborn B.S.
- Thomas David Kohler, Mansfield B.S.
- Jack Parker Krebs, Wapakoneta B.S.
- Michael Toby Lender, Columbus B.A. (Western Reserve University)
- Stuart Hartshorne Ligon, Sandy Spring, Md. B.S. (University of Delaware)
- Malcolm Clyde Losonis, Chardon B.S.Agr.
- Arthur William Maloney, Columbus B.S. (University of Kentucky)
- Paul Edward Masters, Jackson B.S.
John Raymond Matlack, Parma  B.S. (Cleveland State University)
Anthony Alson Matthews, Oregon
Thomas Edward McClain, Beaver Falls, Pa.  B.S. (University of Kentucky)
Rocco Edward Mele, Youngstown
Keith Douglas Nicol, Eugene, Ore.  B.S. (Oregon State University)
James Bennett Nold, Columbus
Lawrence Scott Papas, Canton  B.S. (Bowling Green State University)
William Hervey Payne, Milford Center  B.S.Agr.
Rodney William Poling, Dunkirk
James Charles Prueter, Akron  B.S.Agr.
William Machir Pyles, Maysville, Ky.  B.S.Agr., M.S. (University of Kentucky)
Michael David Rosen, Bronx, N. Y.
James David Shaffer, Marysville
Robert Carroll Shepard, Jr., Xenia  B.S.Agr.
Robert George Sherding, Jr., Ridgewood, N. J.
John Wesley Shoup, Ashland  B.A. (Wittenberg University)
Norris Kent Smith, Bay Village  B.S.
William Frederick Snyder, Woodville
John Douglas Stevens, Loveland
Robert Paul Stewart, Marietta  B.A. (Denison University)
Robert Carlyle Stout, Versailles, Ky.
Donald Robert Thurston, Columbus
Beatrice Irene Turk, Cleveland
James Robert Vanzant, Columbus  B.S.Agr.
Robert Gene Vanzant, Hillsboro  B.S. Nutrition
Shawn Noel Webster, Cincinnati
Mark Wiley Wells, Richwood
Stephen Drake Wenger, Columbus

Ricki Asia Whitacre, Beverly  B.S.Agr.
George Anthony Wiscley, Alvada
Neil Alan Wiseley, Findlay
Lynn Douglas Yoder, West Liberty
GRADUATES WITH HONORS

SUMMA CUM LAUDE

Robert Clark Adams, Columbus
Anne Jeanette Anderson, Columbus
Diana Gay Ankrim, Chesapeake
William Richard Aros, Lorain
Alan Stuart Axelrod, Akron
Robbie Lynn Ayers, Columbus
Sharon Bailey, Elida
Susan LaFleur Barnhart, Columbus
Donna Eileen Barrington, Columbus
Susan Marie Basta, Macedonia
Gary R. Haughman, Zanesville
Anne Elizabeth Beaver, Xenia
Susan Klbane Bergman, Columbus
Susan Wolfe Blanke, Columbus
Rosalyn Pearl Blogier, University Heights
Vernon Glick Bolinder, Jr., Lockbourne
Joanne Buckley, Worthington
Richard Duane Bullock, Brookfield
Jack Patrick Bunce, Lebanon
Thomas William Carton, Jr., Kettering
Andrew Knox Cherney, Fairfield
Janet Rebecca Cheyfitz, Cleveland
Thomas Eugene Claugus, Barnesville
Mark Barry Cohn, University Heights
Tom Harvey Connolly, Columbus
Marian Louise Cooksey, Utica
Ann Elizabeth Corrigan, F. P. O. New York, N. Y.
Robert John Cotman, Columbus
Wesley Roland Cox, Cincinnati
Gail Maxine Cumming, Dayton
Jonathan Byron Dann, Columbus
Gregory Scott Dewolfe, Defiance
Floyd Dominic Dottavio, Massillon
Marcia Hart Duval, Springfield
Conrad Michael Eberle, Columbus
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